

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004765.D
 Acq On : 27 Sep 2018 11:16
 Operator : JC/MD
 Sample : VX0927WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Manual Integrations
 APPROVED

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 9/28/2018 2:26:08 PM

Quant Time: Sep 28 06:36:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233702	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	186958	45.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.22%	
35) Dibromofluoromethane	5.50	113	152112	42.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.26%	
50) Toluene-d8	8.71	98	592761	49.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.14	95	215541	50.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86531	21.875	ug/l	97
3) Chloromethane	1.32	50	91121	18.987	ug/l	100
4) Vinyl Chloride	1.40	62	89674	19.922	ug/l	99
5) Bromomethane	1.64	94	43895	16.445	ug/l	98
6) Chloroethane	1.72	64	51517	19.585	ug/l	96
7) Trichlorofluoromethane	1.93	101	112648	20.215	ug/l	93
8) Diethyl Ether	2.19	74	44775	18.496	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	65901	20.761	ug/l	98
10) Methyl Iodide	2.51	142	51556	12.138	ug/l	100
11) Tert butyl alcohol	3.07	59	117496	101.394	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61372	19.523	ug/l	97
13) Acrolein	2.29	56	73205	88.789	ug/l	96
14) Allyl chloride	2.73	41	132749	19.354	ug/l	96
15) Acrylonitrile	3.15	53	241023	94.483	ug/l	99
16) Acetone	2.44	43	223975	92.568	ug/l	97
17) Carbon Disulfide	2.57	76	181876	19.254	ug/l	99
18) Methyl Acetate	2.78	43	117874	19.228	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	220826	20.365	ug/l	95
20) Methylene Chloride	2.85	84	70199	19.442	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	66230	19.246	ug/l	97
22) Diisopropyl ether	3.87	45	225260	19.503	ug/l	92
23) Vinyl Acetate	3.82	43	1014341	95.943	ug/l	95
24) 1,1-Dichloroethane	3.70	63	128164	18.602	ug/l	99
25) 2-Butanone	4.70	43	327709	91.885	ug/l	95
26) 2,2-Dichloropropane	4.58	77	94859	19.772	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	71179	18.516	ug/l	95
28) Bromochloromethane	5.02	49	57691	17.782	ug/l	90
29) Tetrahydrofuran	5.15	42	213032	96.103	ug/l	92
30) Chloroform	5.21	83	116666	17.917	ug/l	97
31) Cyclohexane	5.57	56	113616	21.546	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	99302	18.674	ug/l	100
36) 1,1-Dichloropropene	5.79	75	90272	18.543	ug/l	100
37) Ethyl Acetate	4.85	43	115368	17.853	ug/l	98
38) Carbon Tetrachloride	5.78	117	86925	16.986	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0927WBS01

Manual Integrations
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 9/28/2018 2:26:08 PM

Quant Time: Sep 28 06:36:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110564	22.242	ug/l	95
40) Benzene	6.14	78	267663	17.562	ug/l	100
41) Methacrylonitrile	5.06	41	64449	17.984	ug/l	97
42) 1,2-Dichloroethane	6.20	62	93106	17.281	ug/l	97
43) Isopropyl Acetate	6.46	43	170025	18.229	ug/l	97
44) Trichloroethene	7.21	130	73709	19.673	ug/l	97
45) 1,2-Dichloropropane	7.51	63	73355	19.626	ug/l	99
46) Dibromomethane	7.66	93	45521	19.379	ug/l	98
47) Bromodichloromethane	7.90	83	84009	19.102	ug/l	97
48) Methyl methacrylate	7.77	41	87891	20.761	ug/l	95
49) 1,4-Dioxane	7.75	88	42300	402.184	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	602936	102.665	ug/l	94
52) Toluene	8.79	92	168489	20.119	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	95279	19.172	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	106743	20.506	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	68967	18.800	ug/l	99
56) Ethyl methacrylate	9.18	69	106547	19.736	ug/l	96
57) 1,3-Dichloropropane	9.37	76	115928	18.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	299649	103.641	ug/l	94
59) 2-Hexanone	9.49	43	476682	97.403	ug/l	94
60) Dibromochloromethane	9.59	129	67485	18.395	ug/l	100
61) 1,2-Dibromoethane	9.67	107	70599	17.970	ug/l	100
64) Tetrachloroethene	9.34	164	69694	18.144	ug/l	98
65) Chlorobenzene	10.14	112	187568	18.742	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	64920	18.452	ug/l	99
67) Ethyl Benzene	10.25	91	316463	19.918	ug/l	96
68) m/p-Xylenes	10.36	106	246596	39.717	ug/l	94
69) o-Xylene	10.70	106	117314	20.571	ug/l	96
70) Styrene	10.71	104	195636	19.697	ug/l	97
71) Bromoform	10.86	173	52427	17.405	ug/l	98
73) Isopropylbenzene	11.02	105	320760	21.775	ug/l	100
74) N-amyl acetate	10.90	43	149737	19.595	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	109708	18.296	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	103487m	19.757	ug/l	
77) Bromobenzene	11.26	156	84639	19.782	ug/l	97
78) n-propylbenzene	11.36	91	371890	22.003	ug/l	99
79) 2-Chlorotoluene	11.42	91	218671	20.757	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	268977	19.803	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	29857	16.916	ug/l	96
82) 4-Chlorotoluene	11.51	91	258139	20.817	ug/l	99
83) tert-Butylbenzene	11.77	119	266148	21.945	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	278017	19.848	ug/l	97
85) sec-Butylbenzene	11.94	105	327223	22.151	ug/l	98
86) p-Isopropyltoluene	12.07	119	291959	21.814	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	157986	19.774	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	159735	19.368	ug/l	98
89) n-Butylbenzene	12.39	91	258163	21.239	ug/l	98
90) Hexachloroethane	12.60	117	42957	19.277	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	155746	18.654	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24780	18.821	ug/l	98

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Sample : VX0927WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

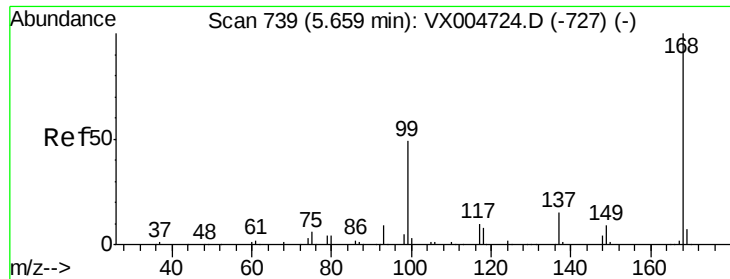
Manual Integrations
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Quant Time: Sep 28 06:36:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	117047	19.985	ug/l	99
94) Hexachlorobutadiene	13.79	225	59508	19.594	ug/l	96
95) Naphthalene	13.83	128	357239	18.832	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	119369	19.730	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



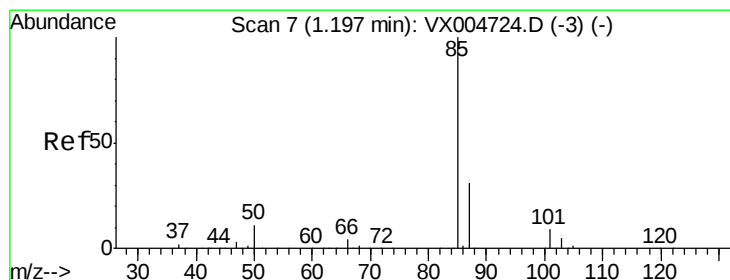
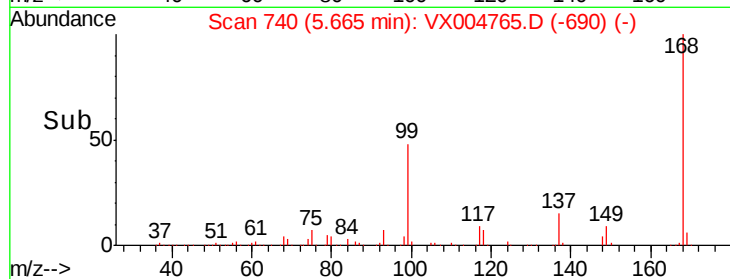
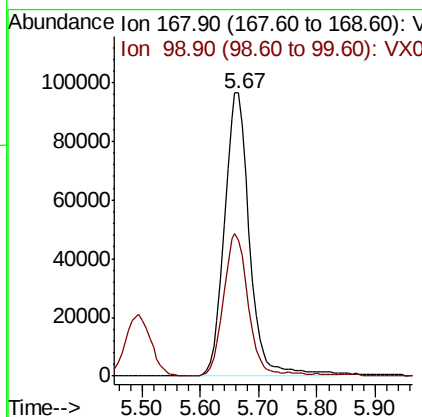
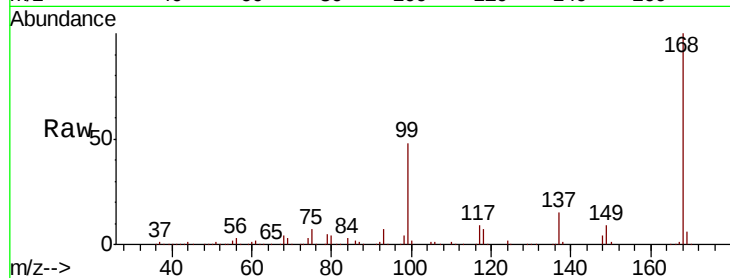
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	290120		
99	48.1	39.9	59.9	

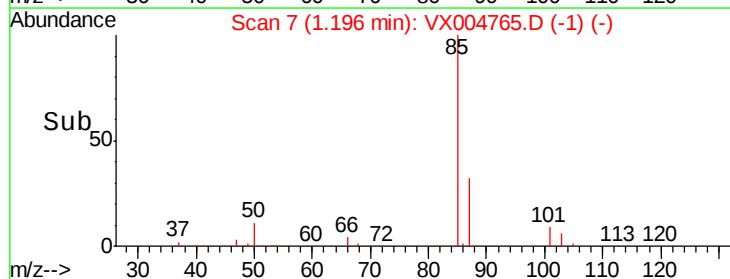
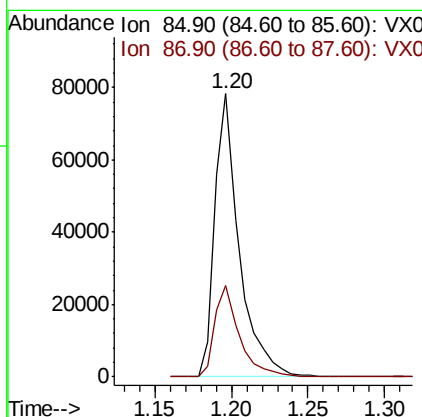
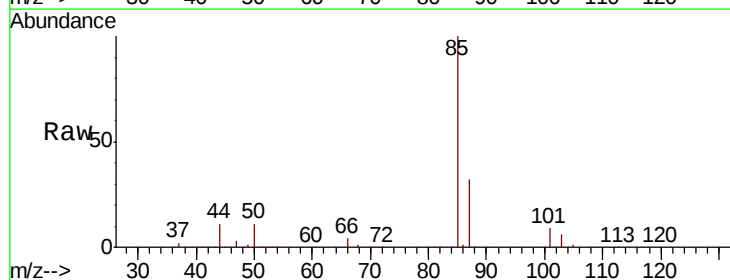
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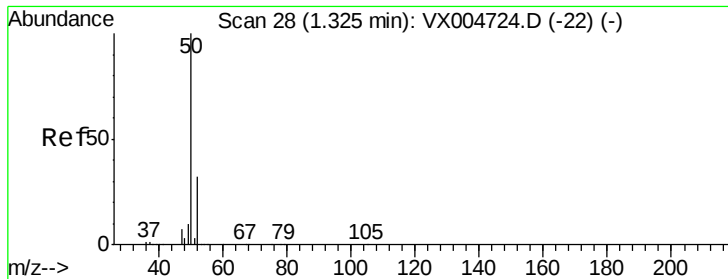
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#2
Dichlorodifluoromethane
Concen: 21.875 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	86531		
87	32.3	17.0	50.9	





#3

Chloromethane

Concen: 18.987 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 50 Resp: 91121

Ion Ratio Lower Upper

50 100

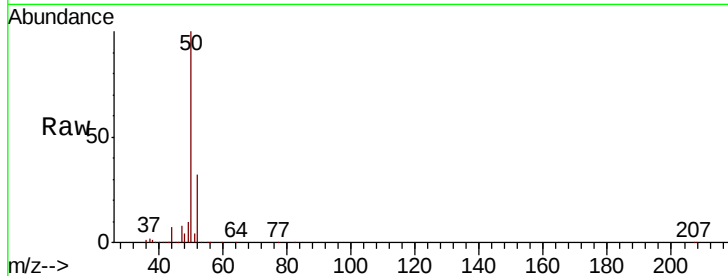
52 32.5 26.2 39.2

Manual Integrations

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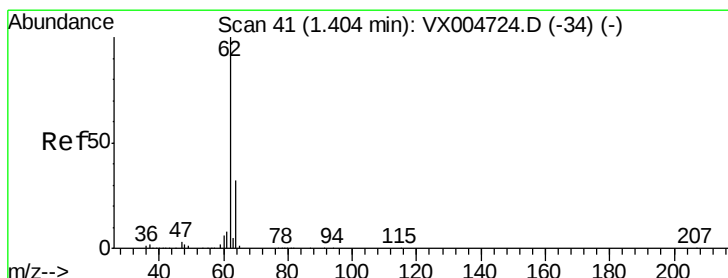
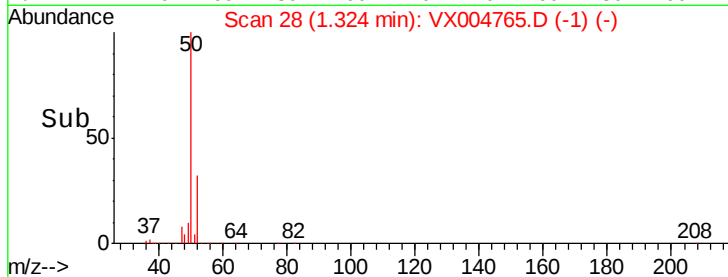
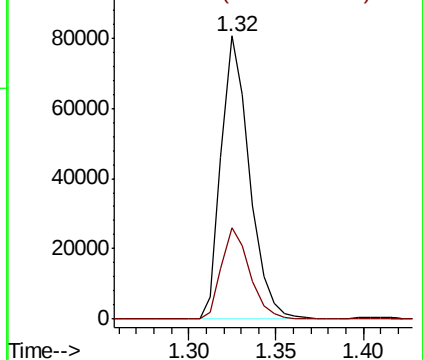
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.922 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004765.D

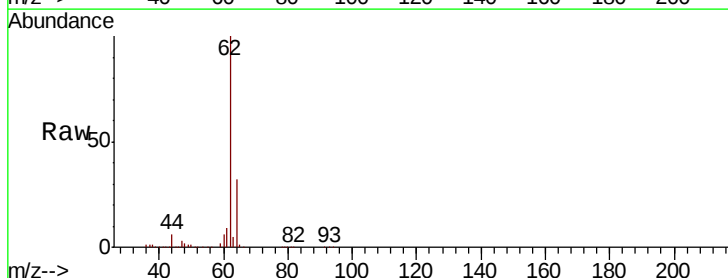
Acq: 27 Sep 2018 11:16

Tgt Ion: 62 Resp: 89674

Ion Ratio Lower Upper

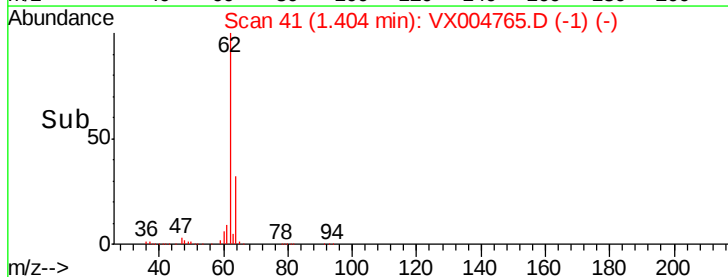
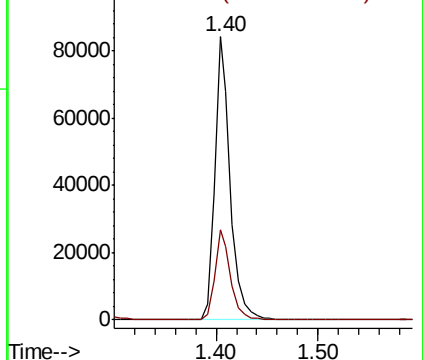
62 100

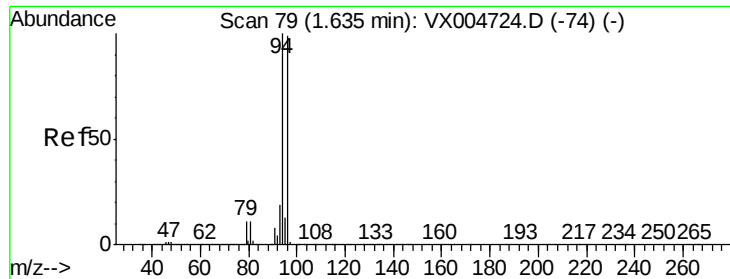
64 32.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.445 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 94 Resp: 43895

Ion Ratio Lower Upper

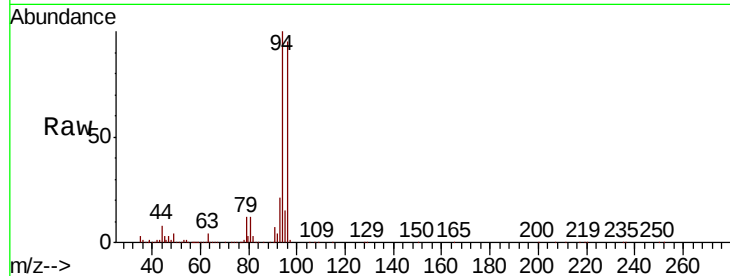
94 100

96 95.2 74.5 111.7

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

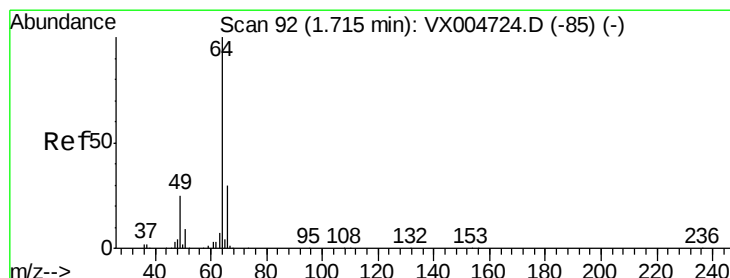
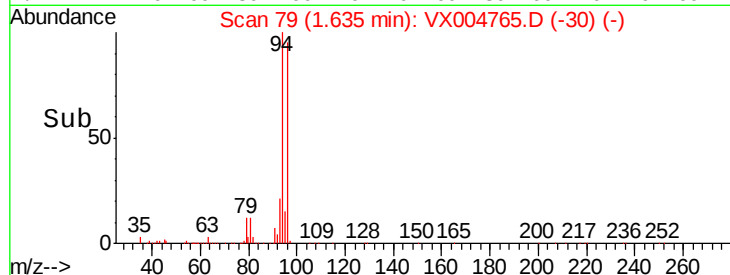
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 19.585 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004765.D

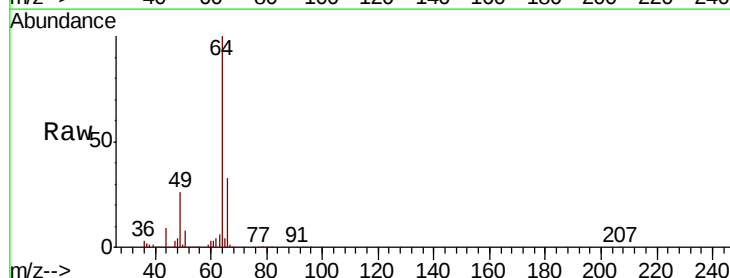
Acq: 27 Sep 2018 11:16

Tgt Ion: 64 Resp: 51517

Ion Ratio Lower Upper

64 100

66 33.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

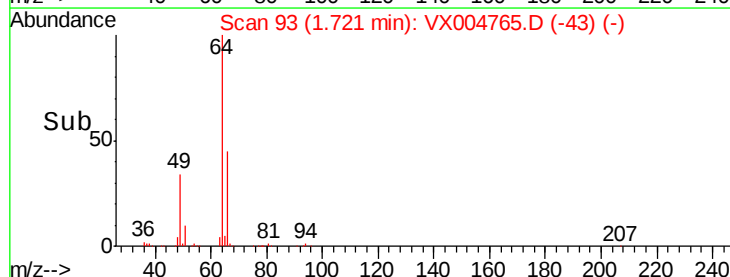
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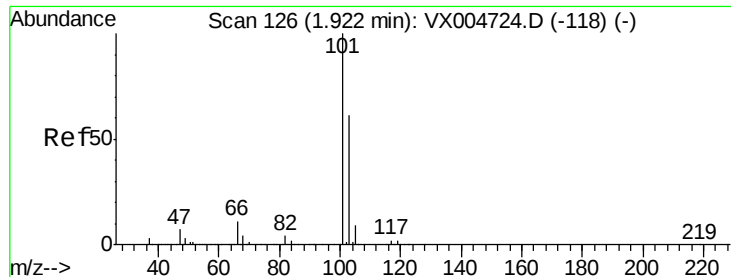
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10000

0

Time-->





#7

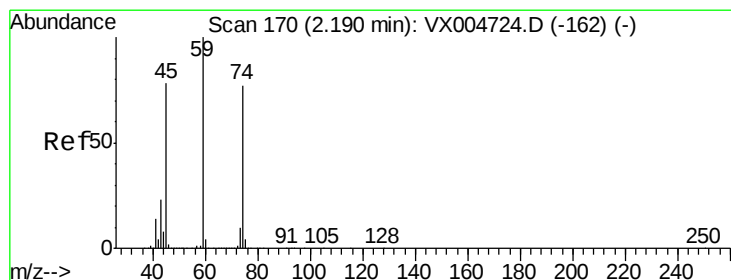
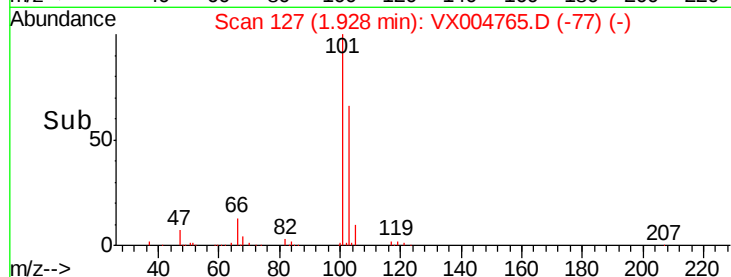
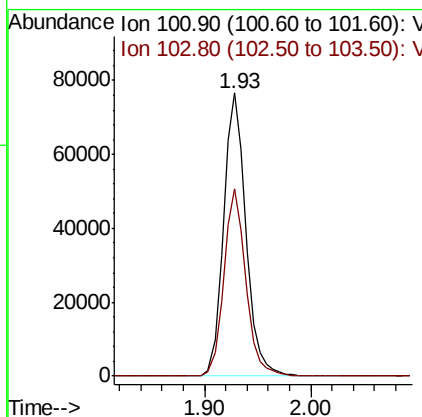
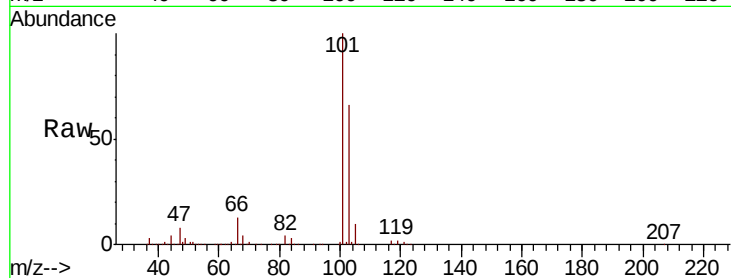
Trichlorofluoromethane
Concen: 20.215 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		112648		
103	66.4	48.9	73.3		

Manual Integrations
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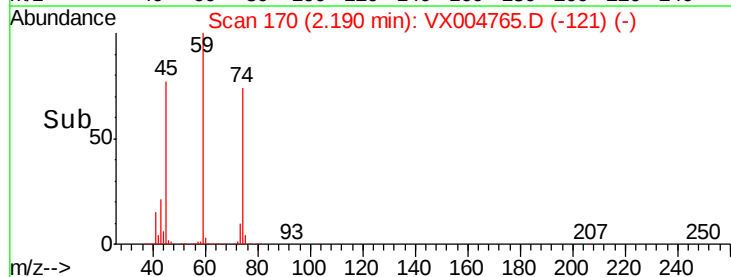
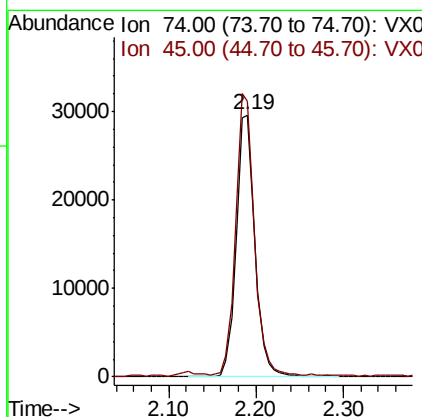
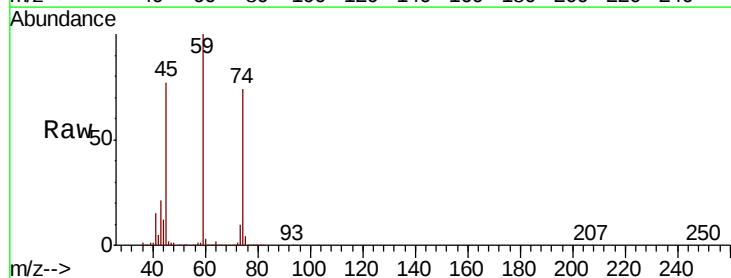
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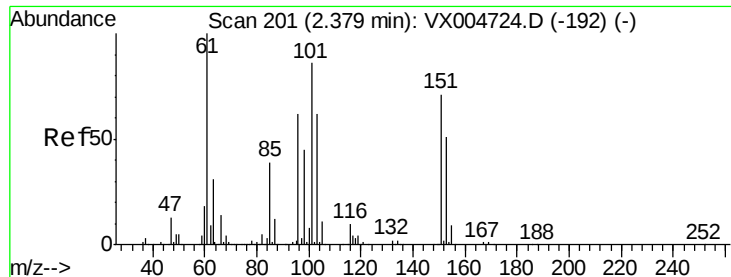


#8

Diethyl Ether
Concen: 18.496 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		44775		
45	107.4	48.3	144.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.761 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

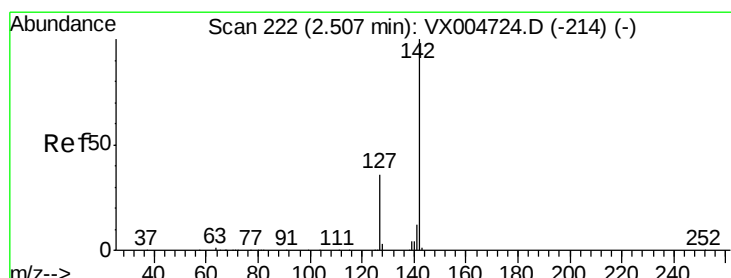
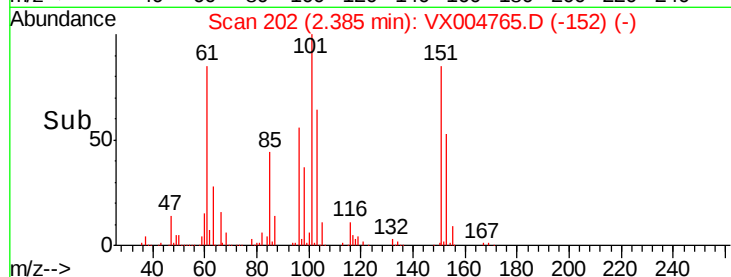
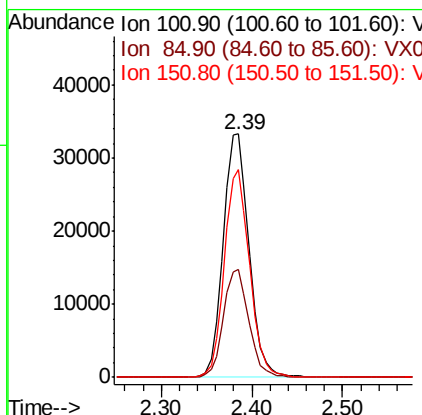
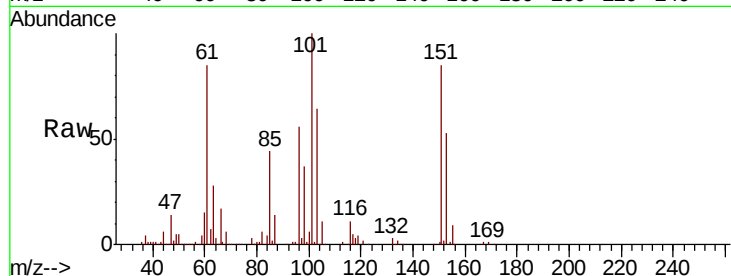
ClientSampleId :

VX0927WBS01

Tot Ion:	101	Resp:	65901
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.2	51.4
151	83.4	65.0	97.6

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#10

Methyl Iodide

Concen: 12.138 ug/l

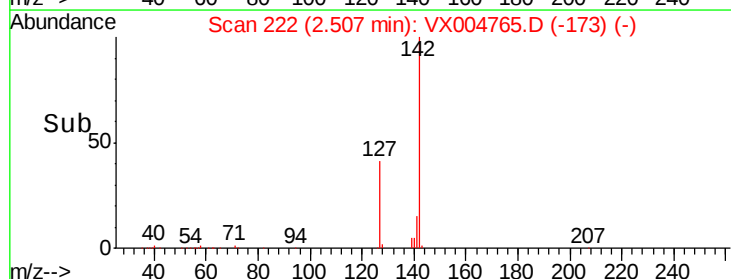
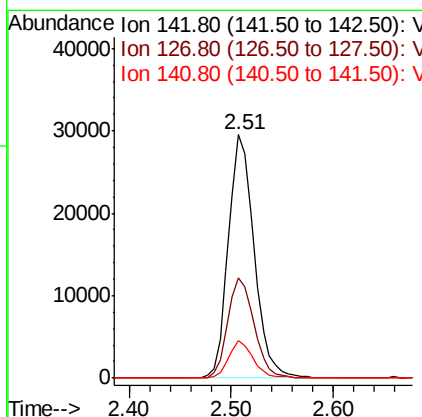
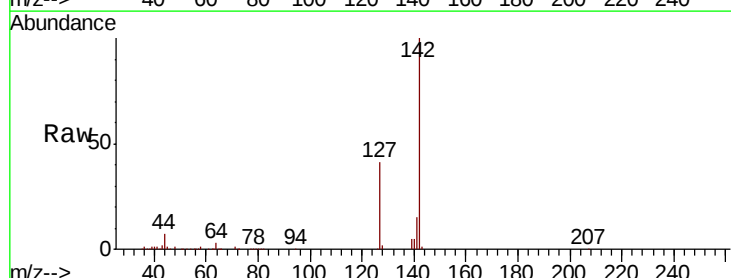
RT: 2.51 min Scan# 222

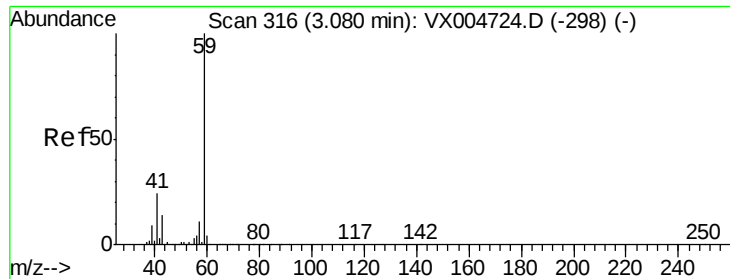
Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Tgt Ion:	142	Resp:	51556
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.8	50.6
141	14.6	11.4	17.0





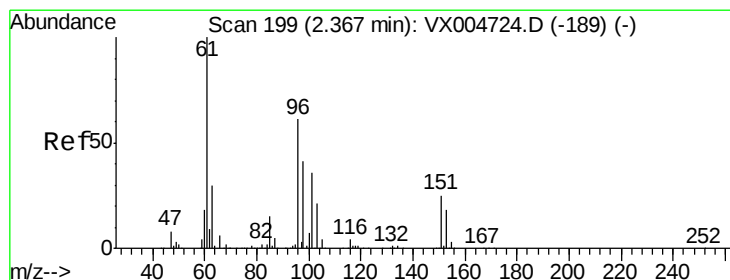
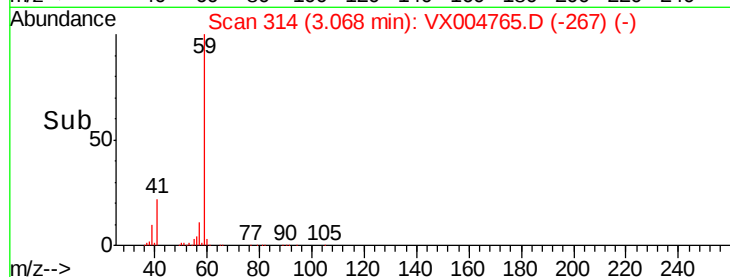
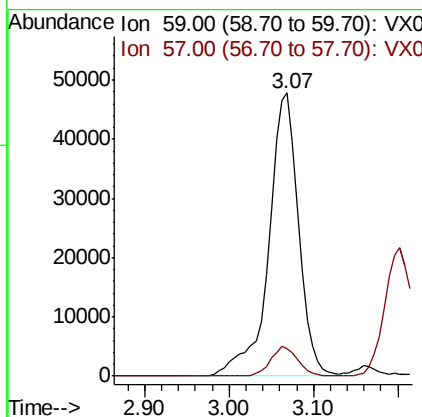
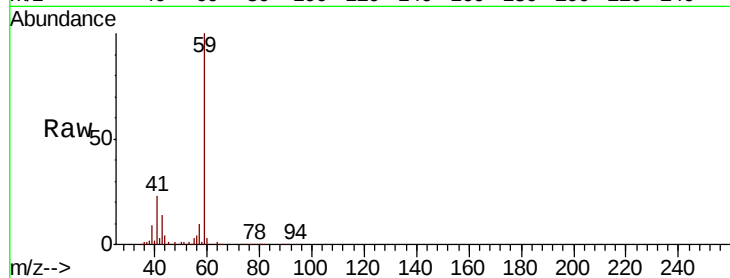
#11
Tert butyl alcohol
Concen: 101.394 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampled :
VX0927WBS01

Tot Ion: 59 Resp: 117496
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

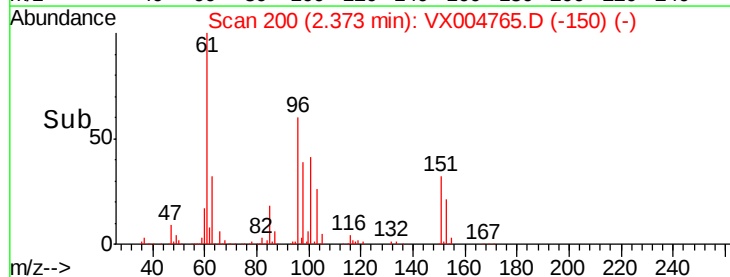
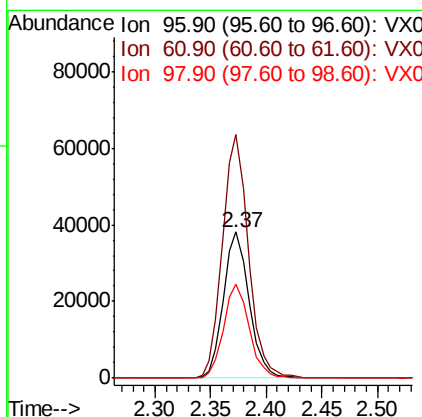
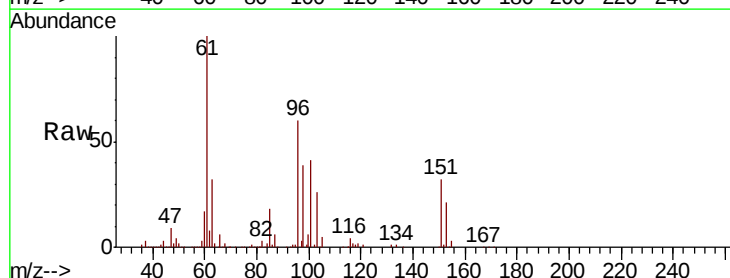
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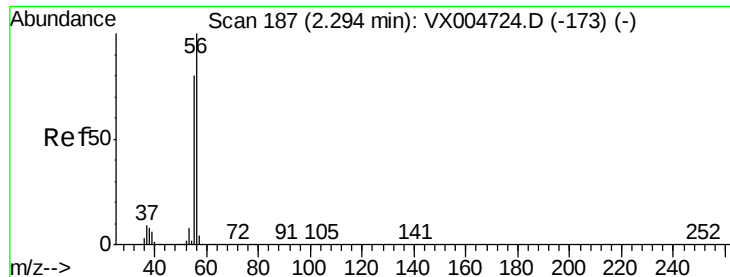
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.523 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion: 96 Resp: 61372
Ion Ratio Lower Upper
96 100
61 166.6 128.8 193.2
98 64.6 52.2 78.2





#13

Acrolein

Concen: 88.789 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS01

Tot Ion: 56 Resp: 73205

Ion Ratio Lower Upper

56 100

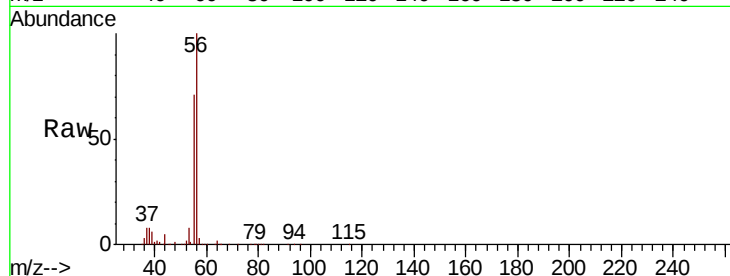
55 71.3 54.7 82.1

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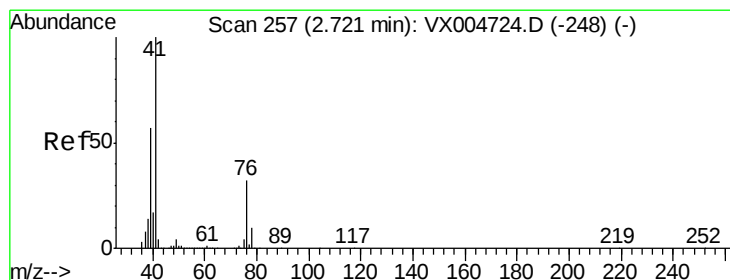
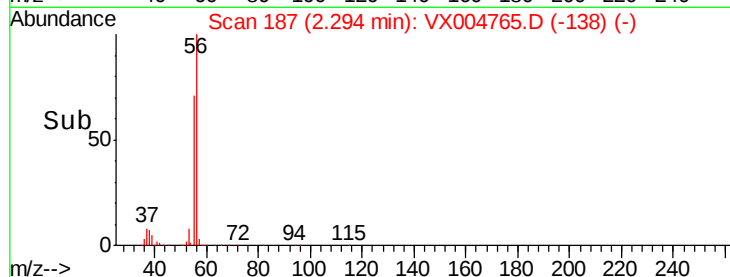
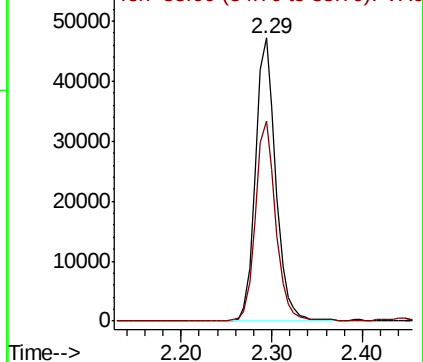
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.354 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

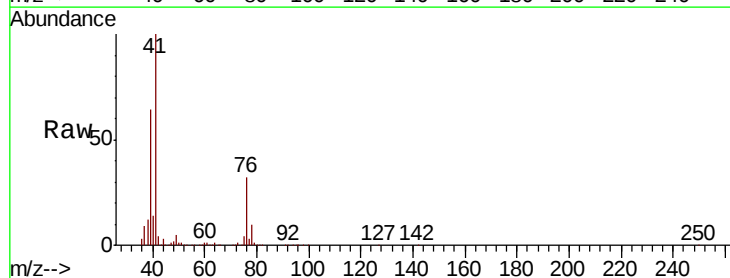
Tgt Ion: 41 Resp: 132749

Ion Ratio Lower Upper

41 100

39 59.3 48.9 73.3

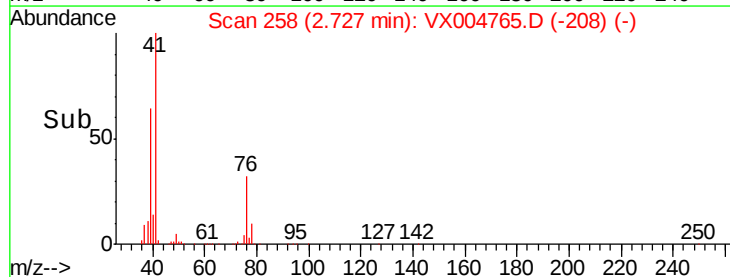
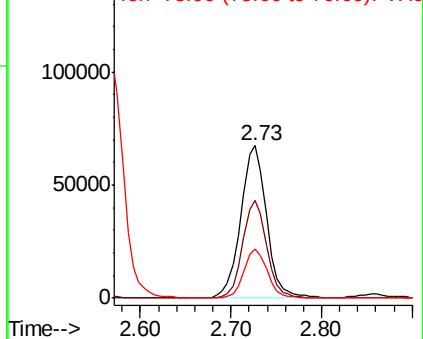
76 29.4 26.7 40.1

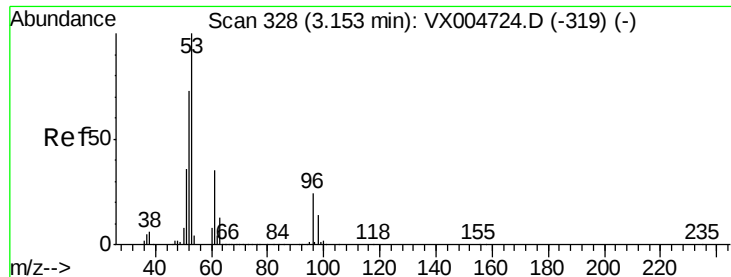


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 94.483 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

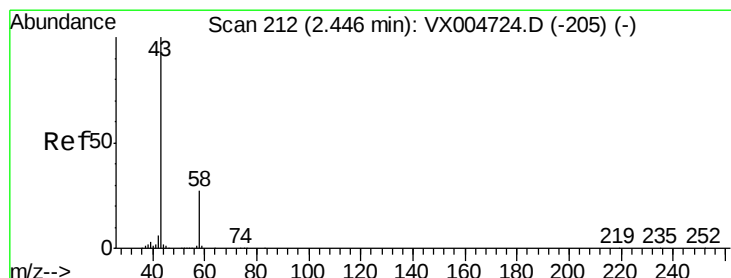
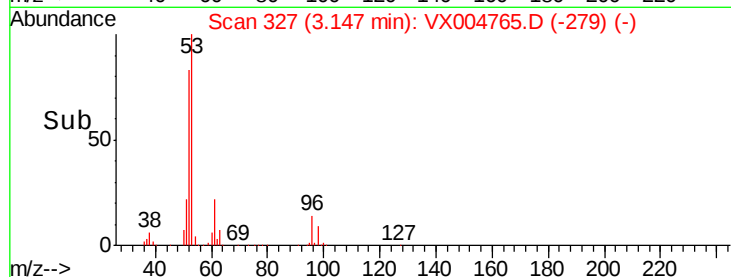
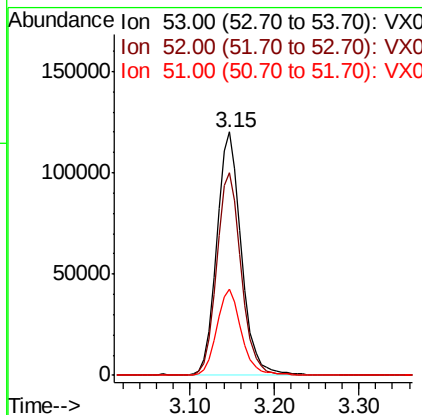
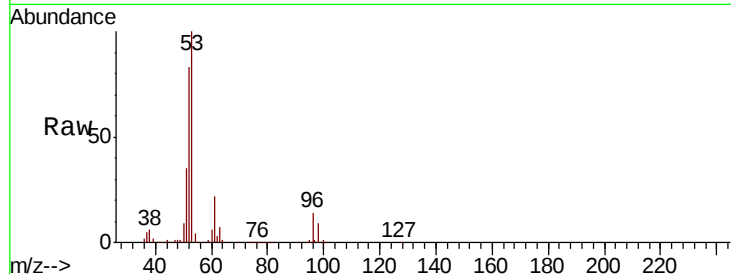
ClientSampleId :

VX0927WBS01

Tot Ion:	53	Resp:	241023
Ion Ratio		Lower	Upper
53	100		
52	83.1	65.2	97.8
51	35.4	28.2	42.2

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#16

Acetone

Concen: 92.568 ug/l

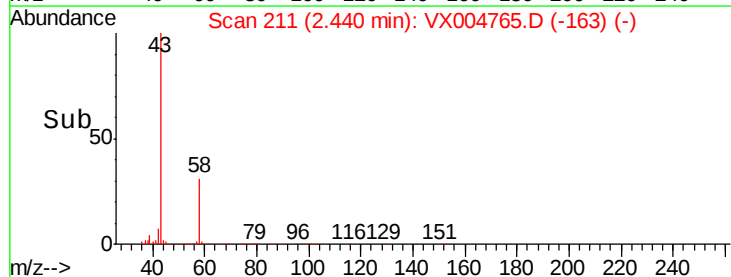
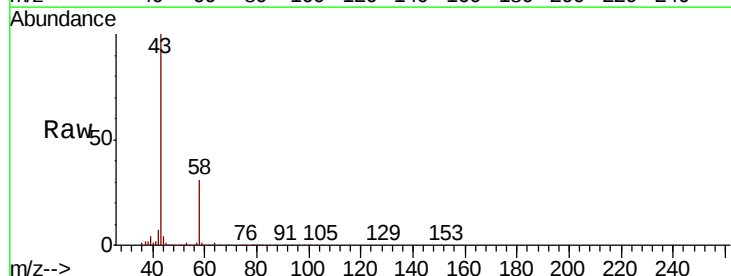
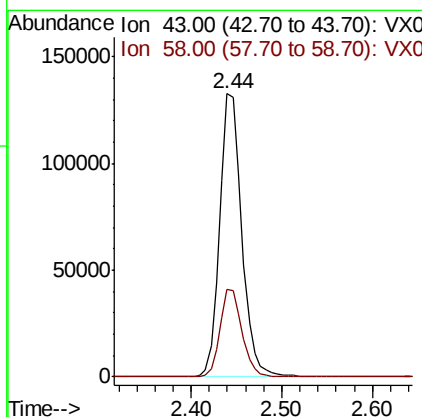
RT: 2.44 min Scan# 211

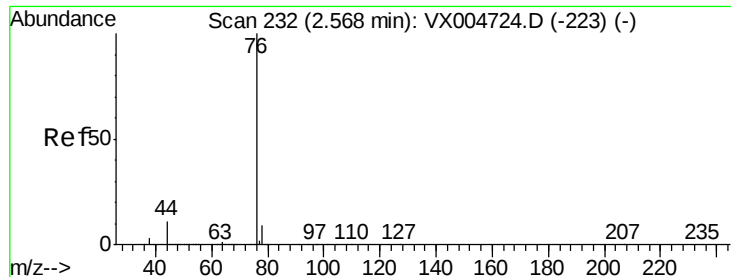
Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Tgt Ion:	43	Resp:	223975
Ion Ratio		Lower	Upper
43	100		
58	30.9	26.2	39.4





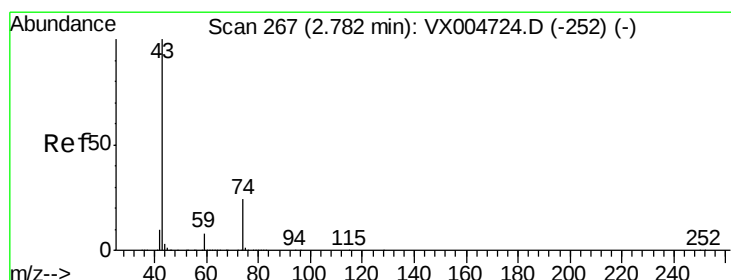
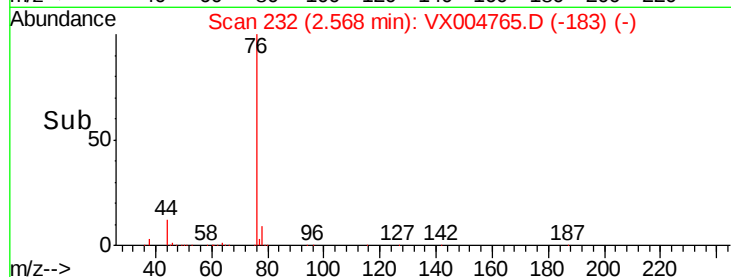
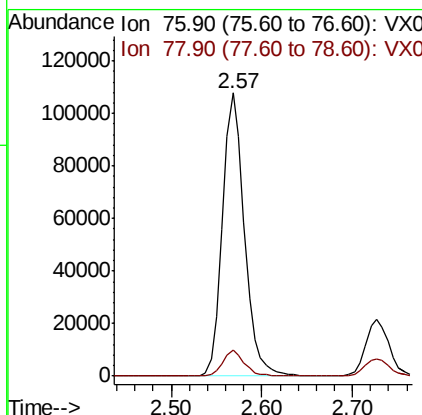
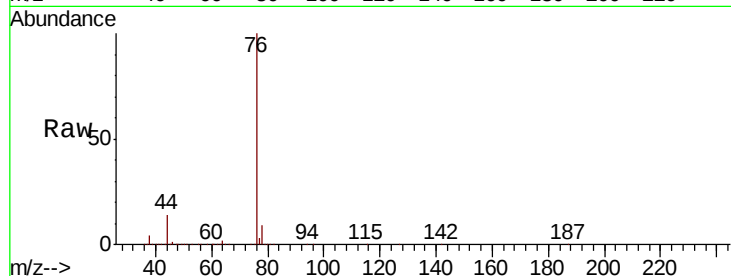
#17
Carbon Disulfide
Concen: 19.254 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

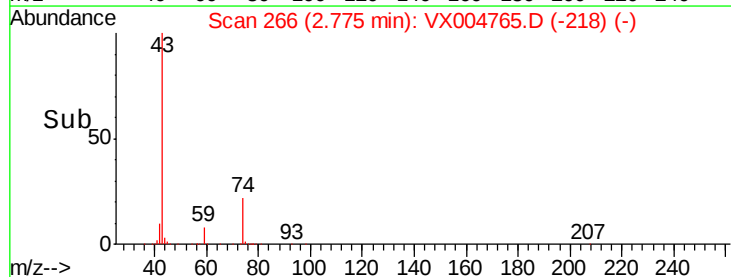
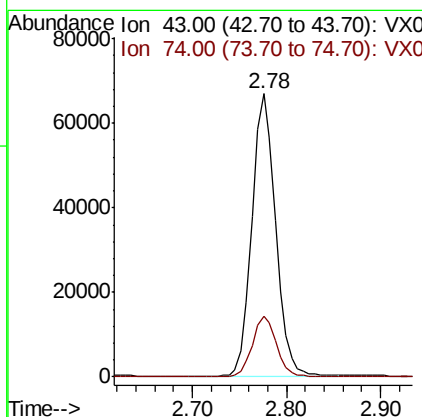
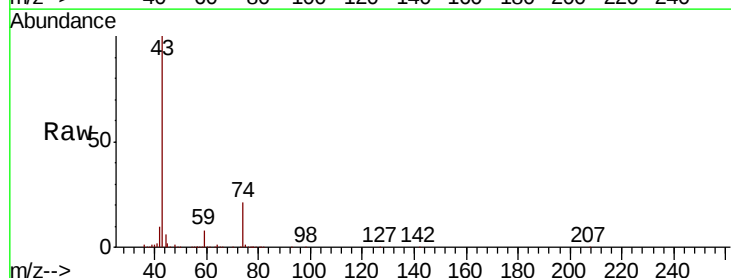
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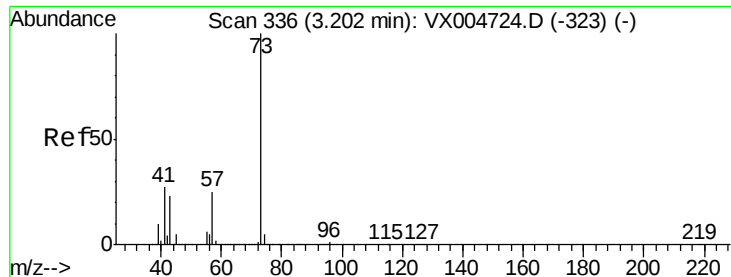
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#18
Methyl Acetate
Concen: 19.228 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	19.4	29.2





#19

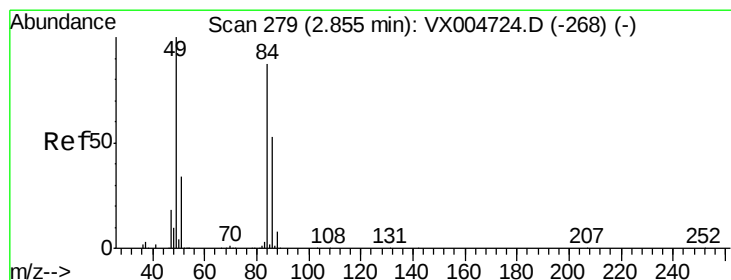
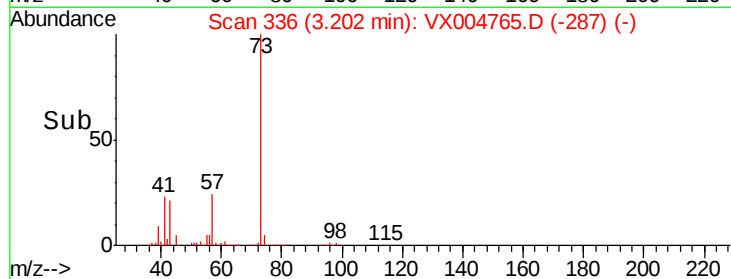
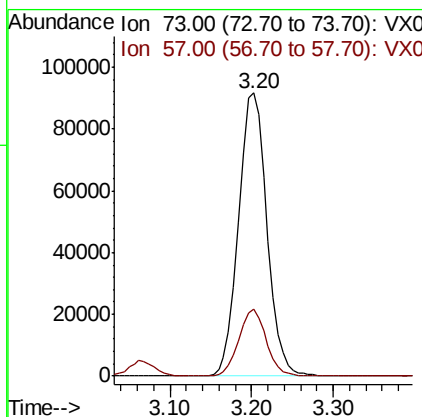
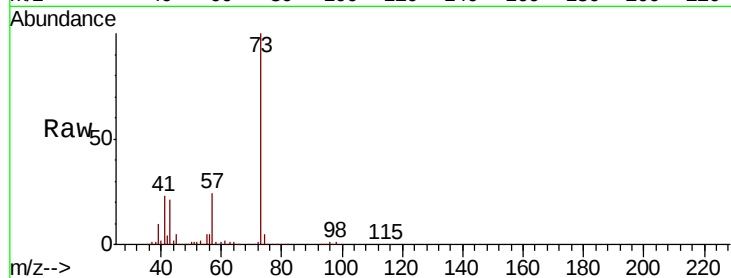
Methyl tert-butyl Ether
 Concen: 20.365 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0927WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.6	17.1	25.7

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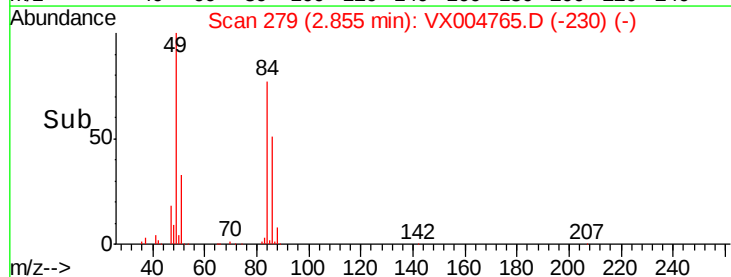
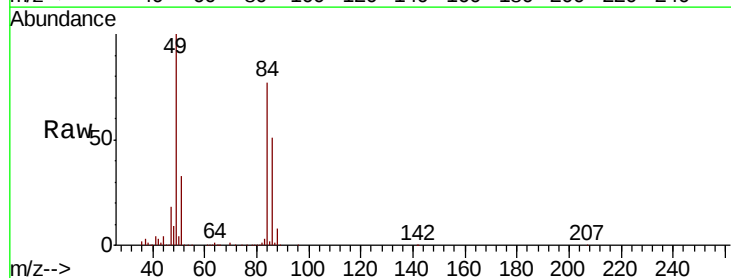
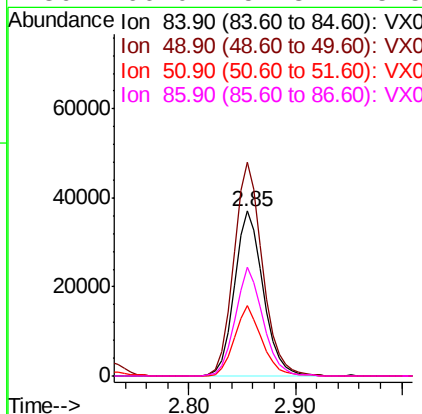
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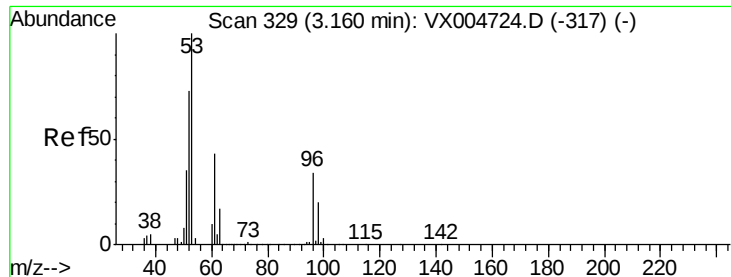


#20

Methylene Chloride
 Concen: 19.442 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.6	101.2	151.8
51	42.3	29.5	44.3
86	66.0	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 19.246 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

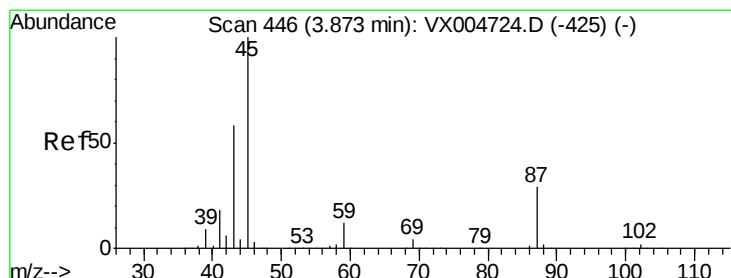
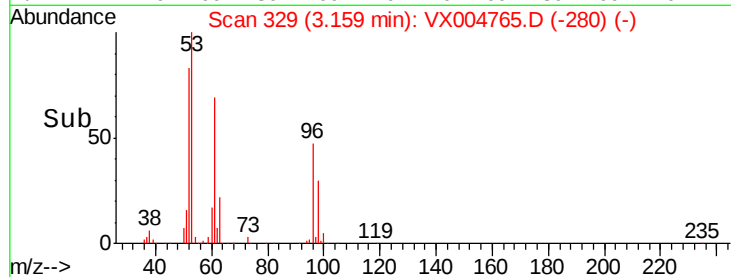
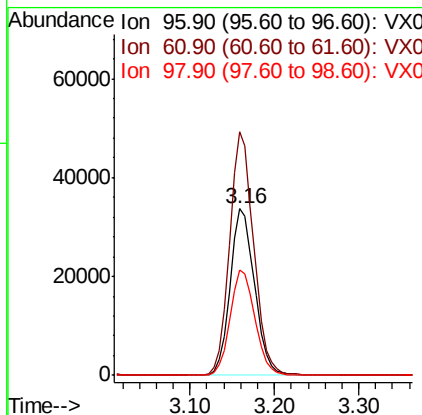
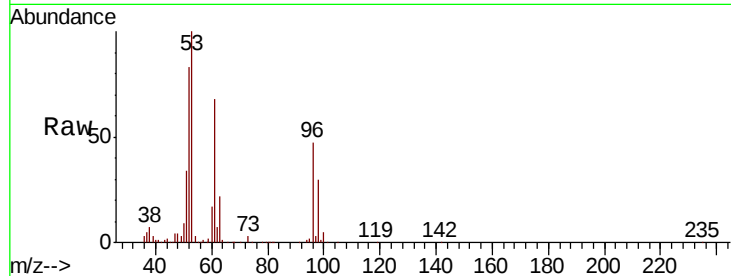
ClientSampleId :

VX0927WBS01

Tot Ion:	96	Resp:	66230
Ion	Ratio	Lower	Upper
96	100		
61	146.0	113.8	170.6
98	63.4	51.8	77.8

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#22

Diisopropyl ether

Concen: 19.503 ug/l

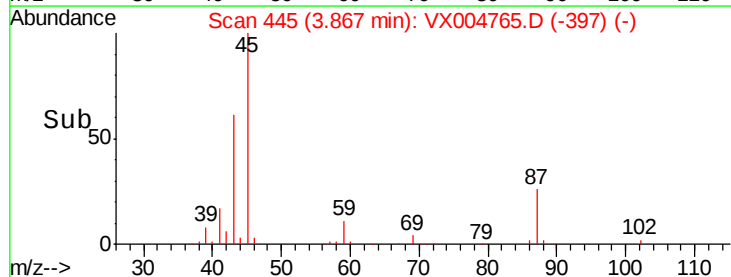
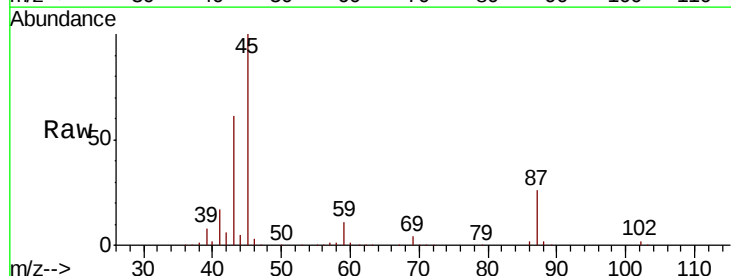
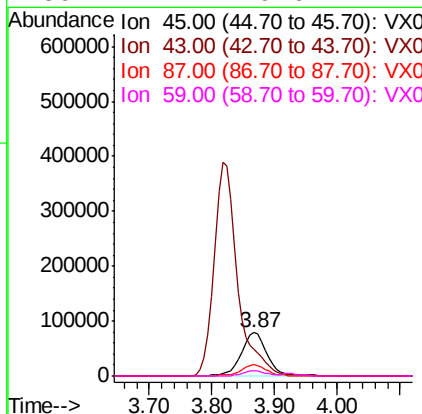
RT: 3.87 min Scan# 445

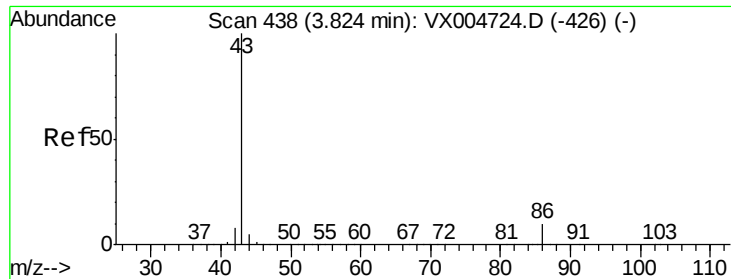
Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Tgt Ion:	45	Resp:	225260
Ion	Ratio	Lower	Upper
45	100		
43	61.0	42.8	64.2
87	25.8	22.6	34.0
59	11.4	9.6	14.4





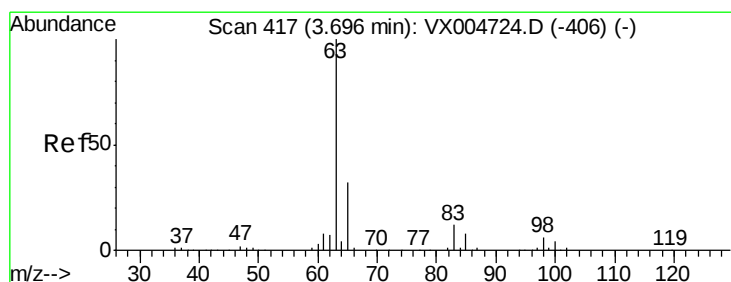
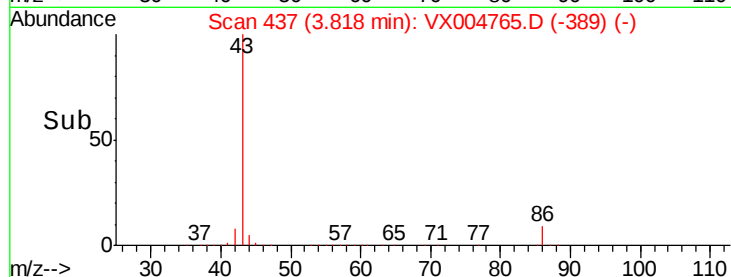
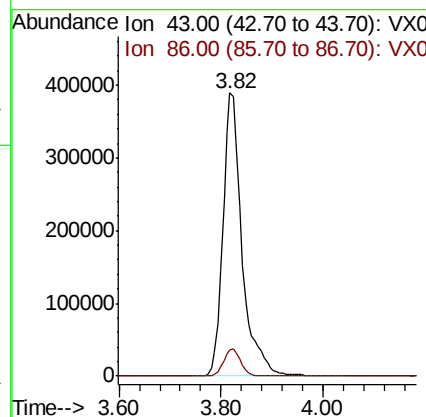
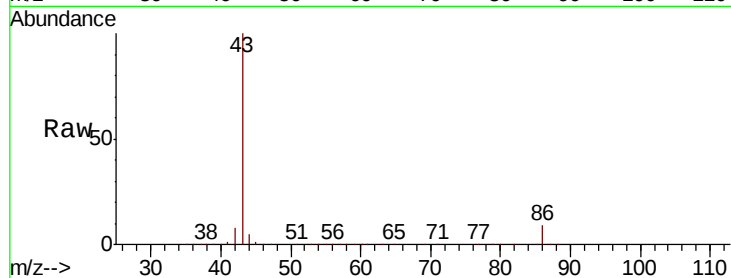
#23
 Vinyl Acetate
 Concen: 95.943 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion: 43 Resp: 1014341
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.9 13.3

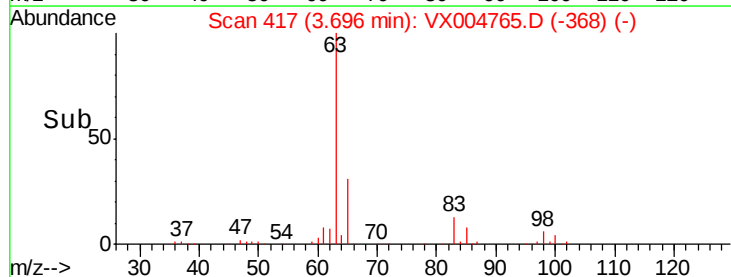
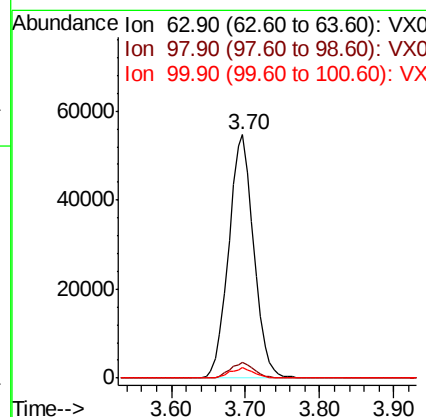
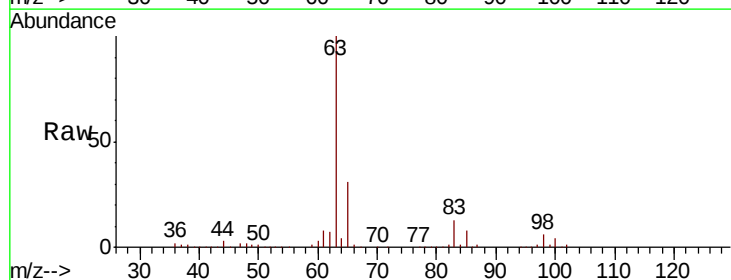
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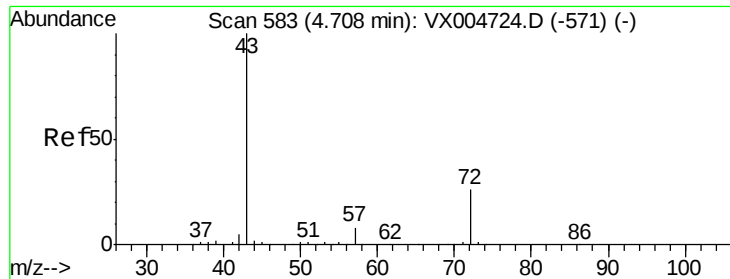
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#24
 1,1-Dichloroethane
 Concen: 18.602 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion: 63 Resp: 128164
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 4.2 2.4 7.1





#25

2-Butanone

Concen: 91.885 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 43 Resp: 327709

Ion Ratio Lower Upper

43 100

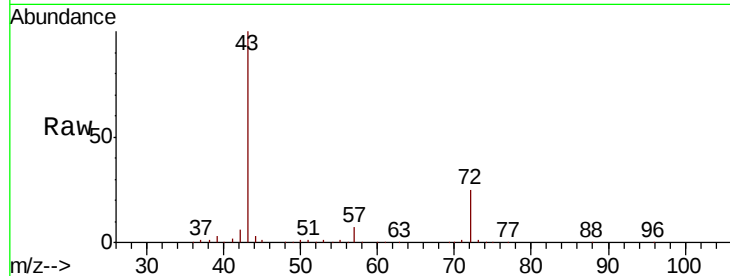
72 24.7 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

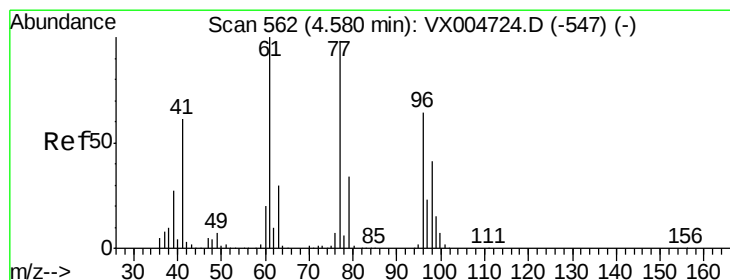
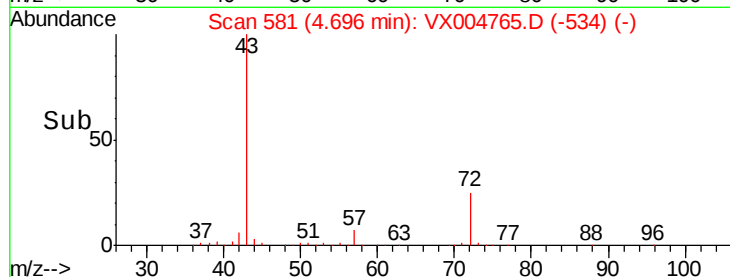
4.70

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 19.772 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004765.D

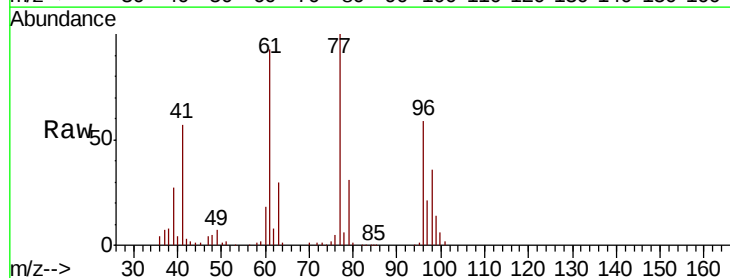
Acq: 27 Sep 2018 11:16

Tgt Ion: 77 Resp: 94859

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

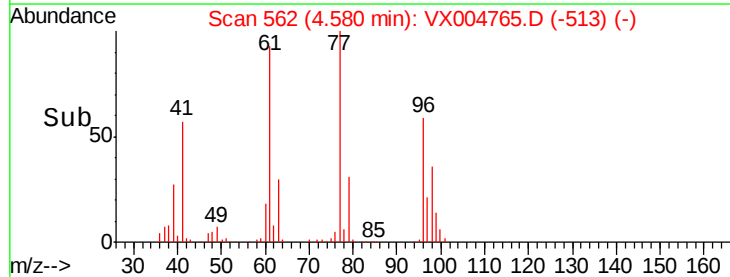
30000

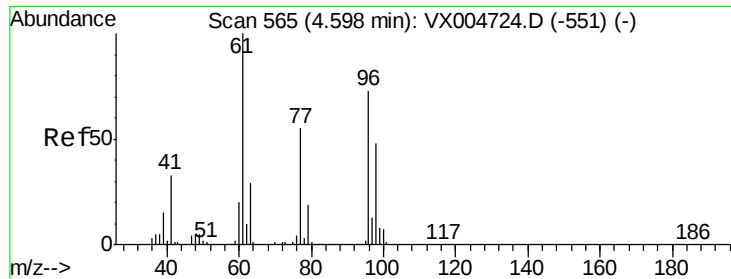
20000

10000

0

Time-->





#27

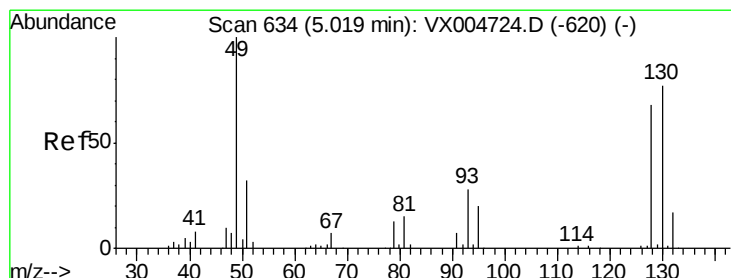
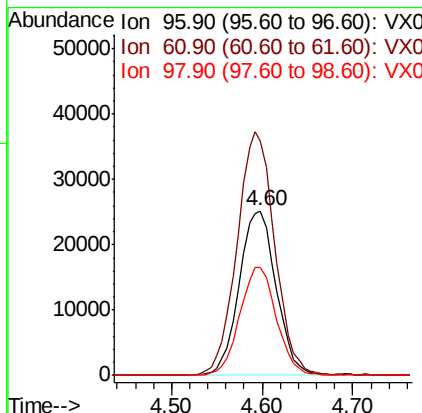
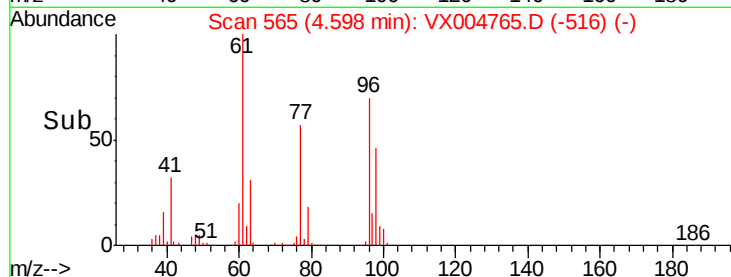
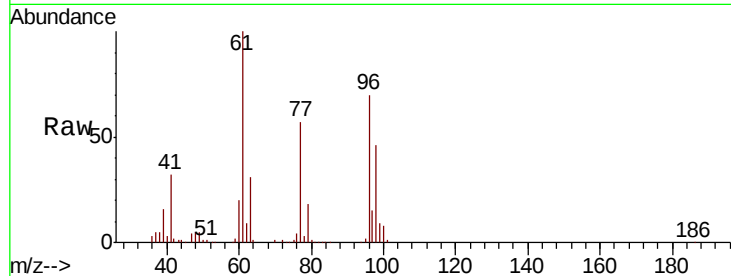
cis-1,2-Dichloroethene
 Concen: 18.516 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	282.6
98	65.1	0.0	130.2

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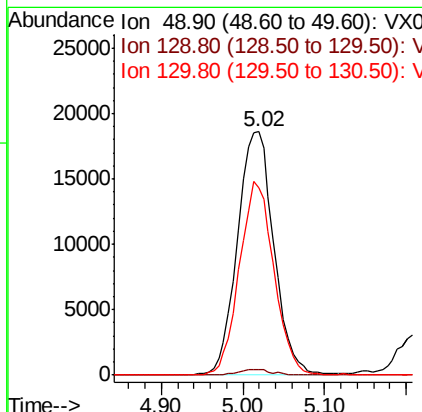
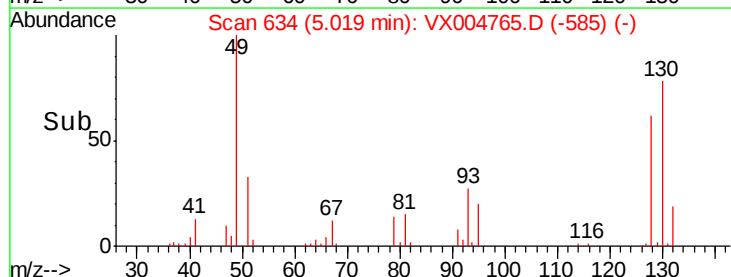
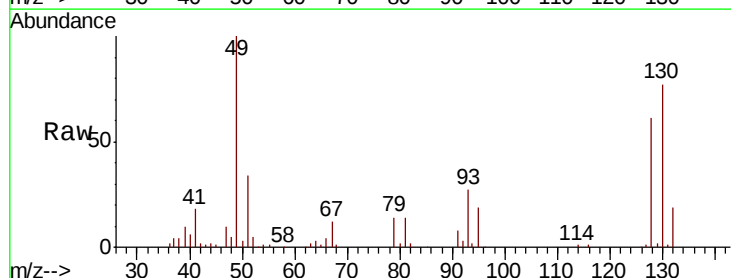
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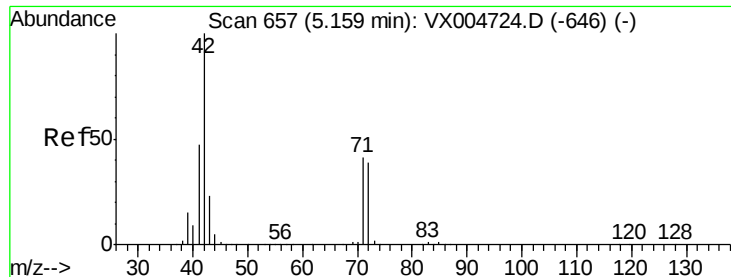


#28

Bromochloromethane
 Concen: 17.782 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	75.3	67.5	101.3





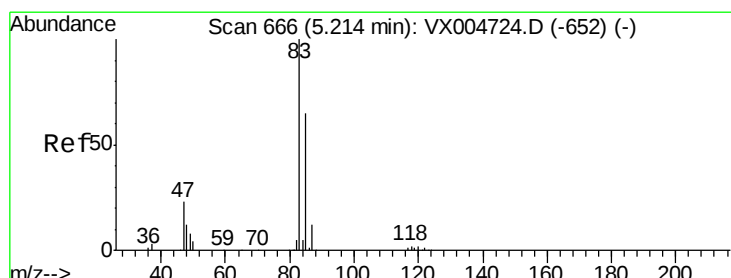
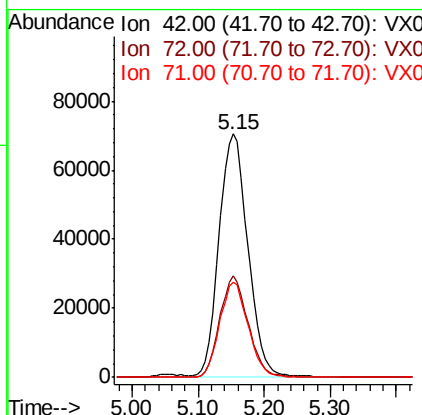
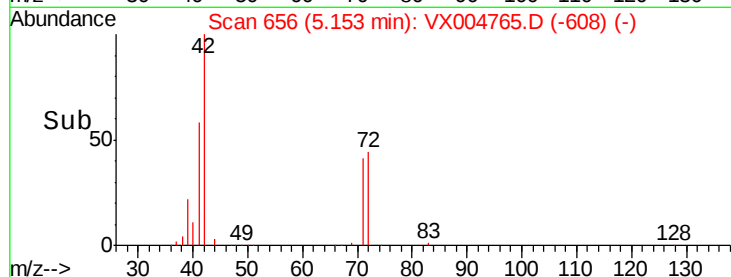
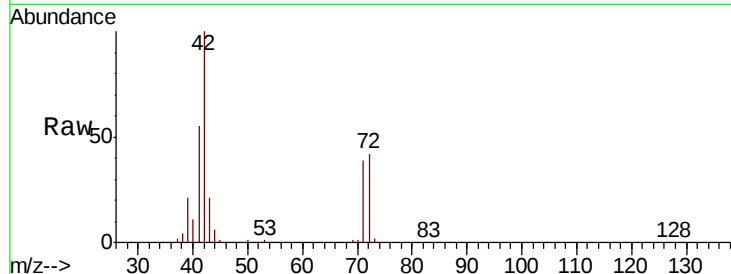
#29
Tetrahydrofuran
Concen: 96.103 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	37.4	56.0
71	38.5	34.5	51.7

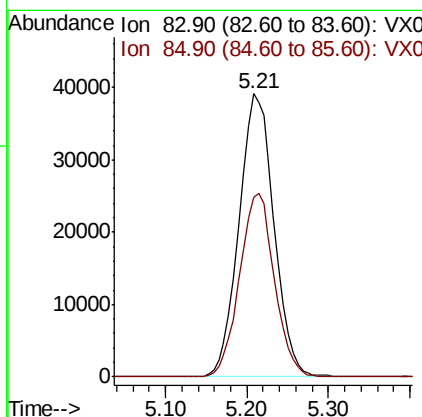
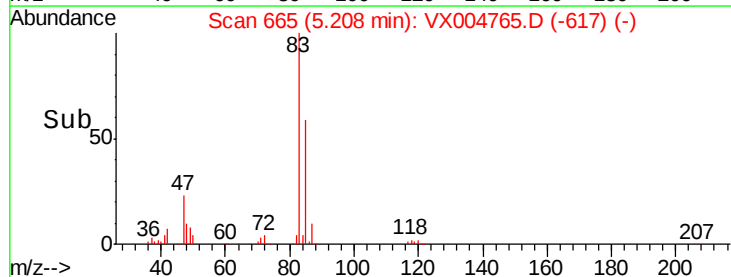
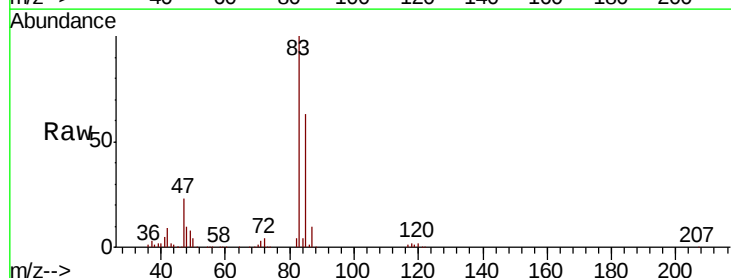
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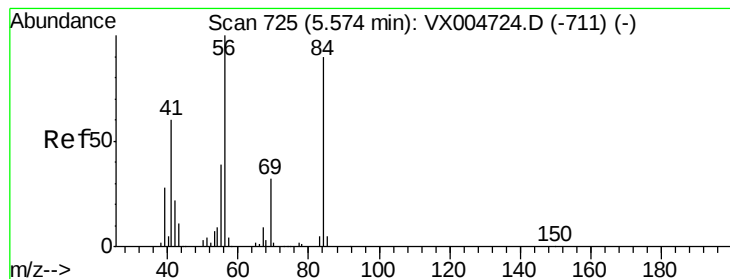
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#30
Chloroform
Concen: 17.917 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.6	79.0





#31

Cyclohexane

Concen: 21.546 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 56 Resp: 113616

Ion Ratio Lower Upper

56 100

69 30.4 25.4 38.2

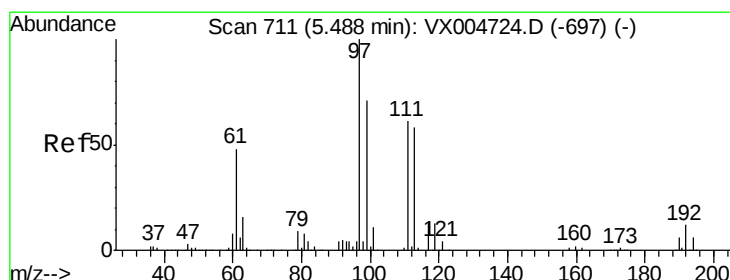
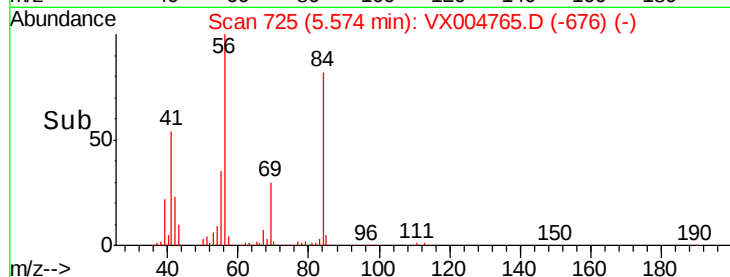
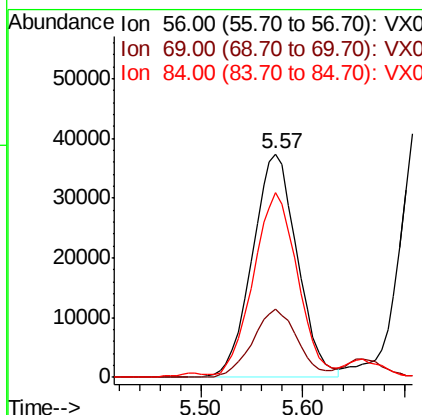
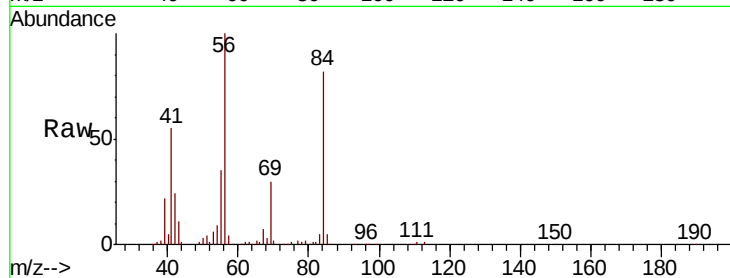
84 80.8 71.4 107.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.674 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

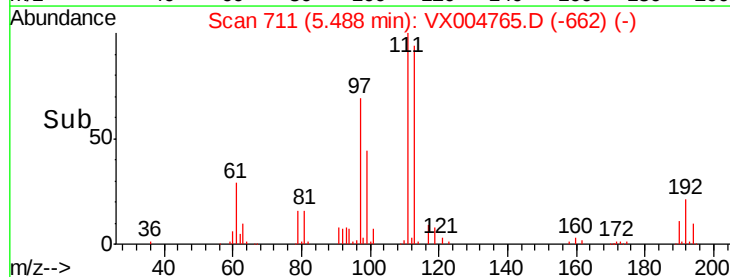
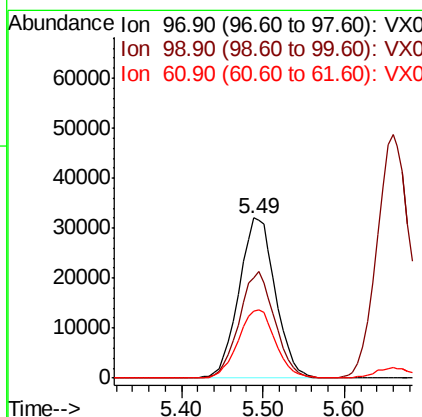
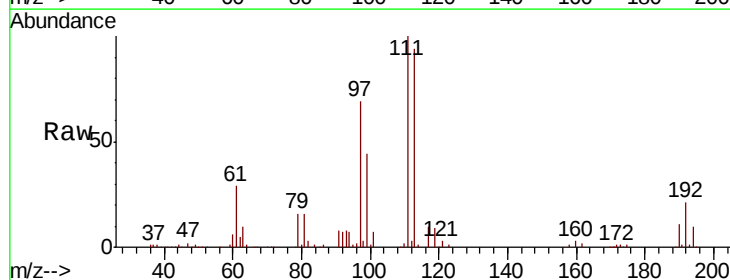
Tgt Ion: 97 Resp: 99302

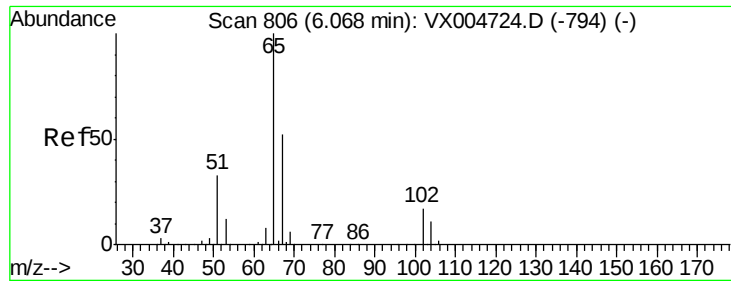
Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 43.8 34.9 52.3





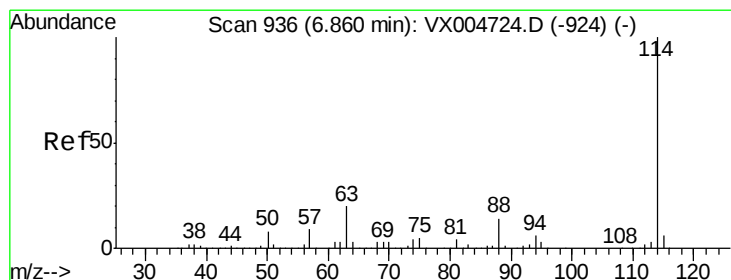
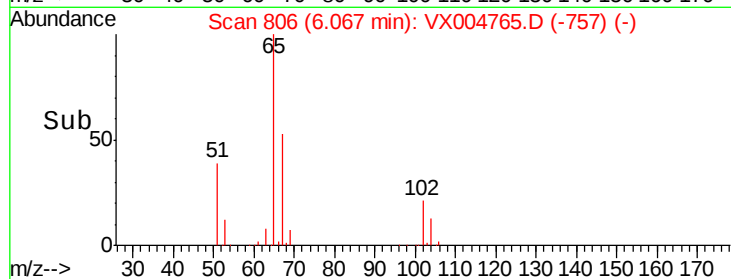
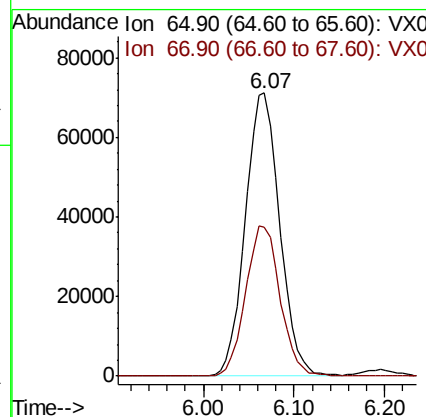
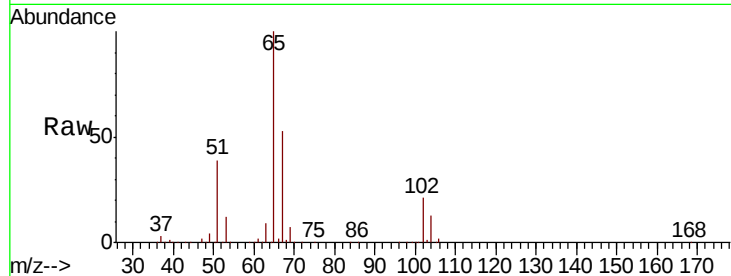
#33
 1,2-Dichloroethane-d4
 Concen: 45.111 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186958		
67	53.2	0.0	106.8	

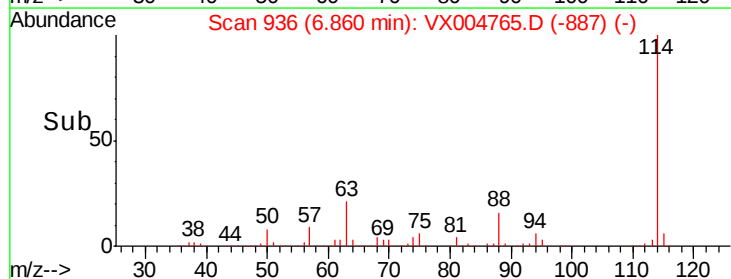
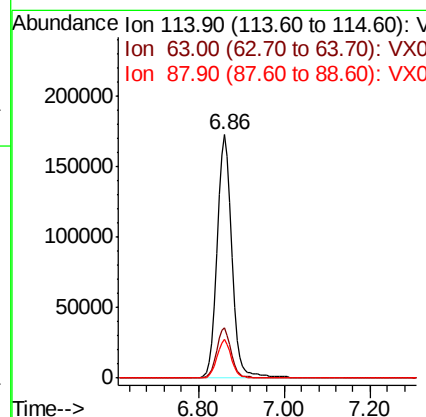
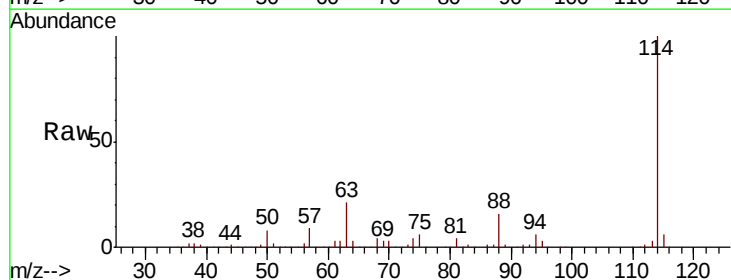
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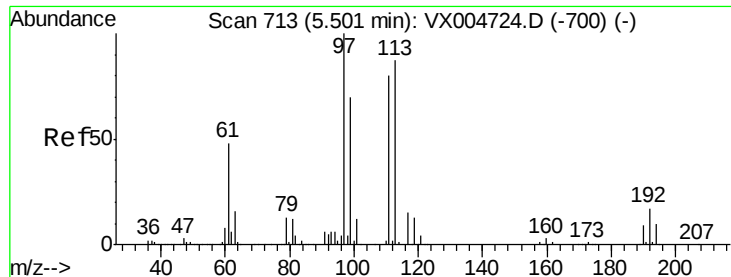
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	421015		
63	20.6	0.0	39.0	
88	15.8	0.0	30.4	





#35

Dibromofluoromethane

Concen: 42.630 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

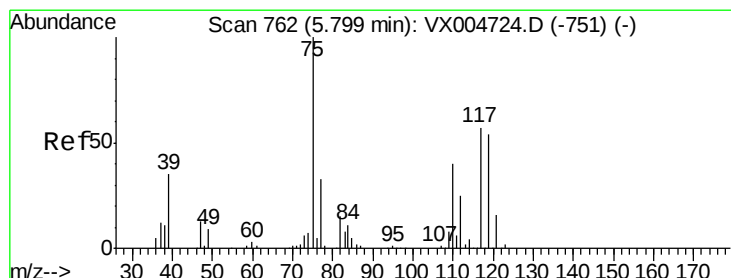
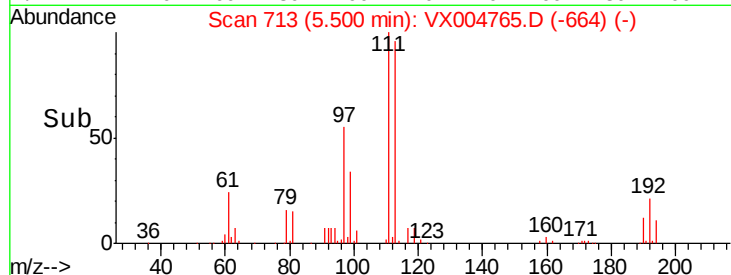
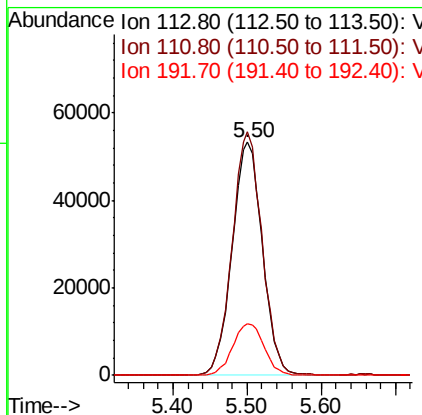
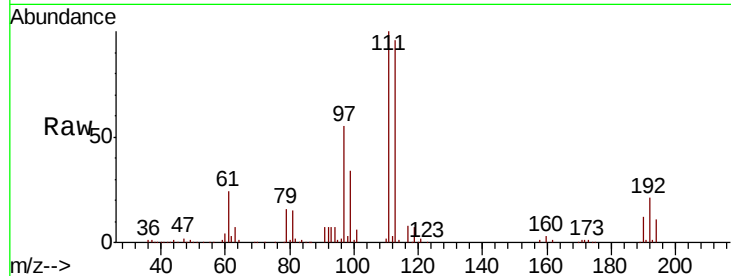
ClientSampleId :

VX0927WBS01

Tot Ion:	113	Resp:	152112
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.4	123.6
192	23.0	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 18.543 ug/l

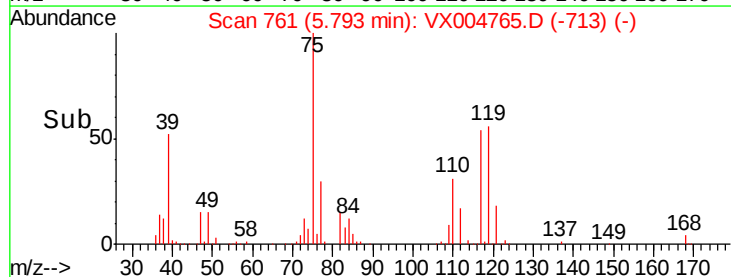
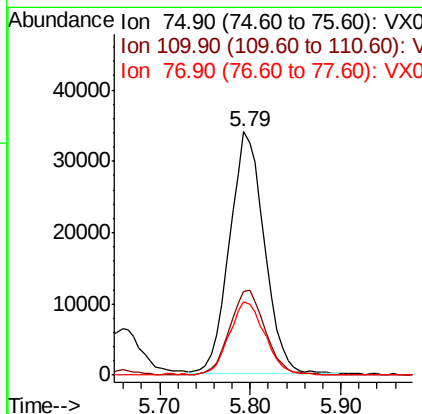
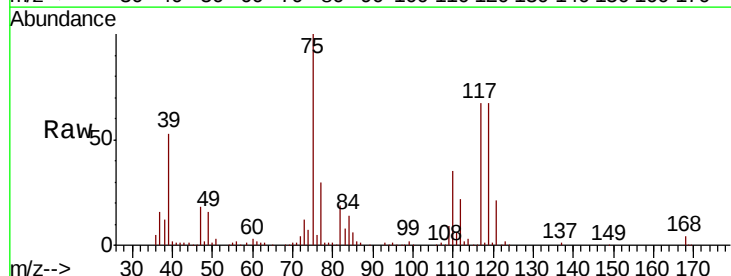
RT: 5.79 min Scan# 761

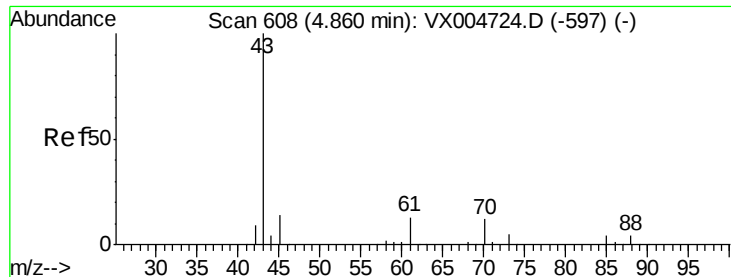
Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Tgt Ion:	75	Resp:	90272
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.0	54.0
77	30.7	24.6	36.8





#37

Ethyl Acetate

Concen: 17.853 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

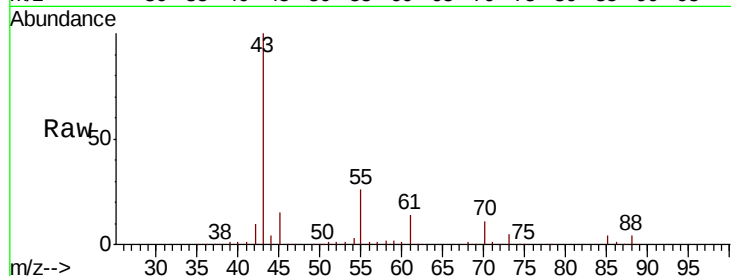
ClientSampleId :

VX0927WBS01

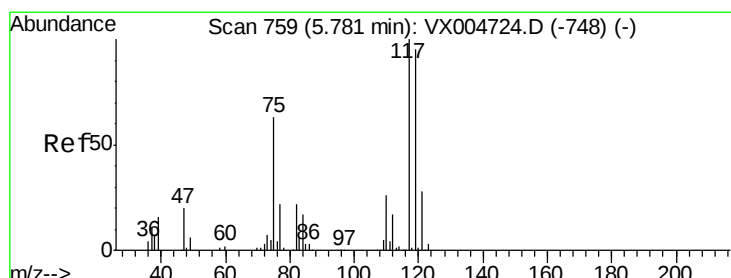
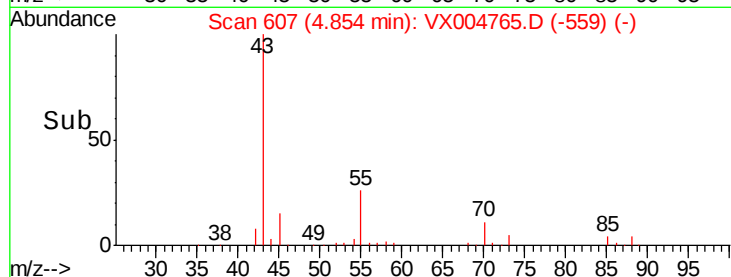
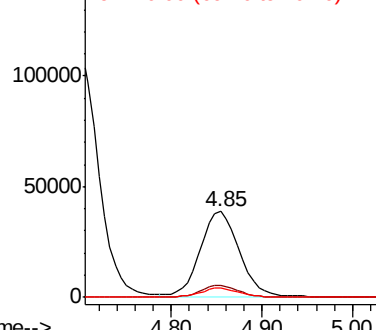
Tot Ion:	43	Resp:	115368
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	10.5	9.0	13.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 16.986 ug/l

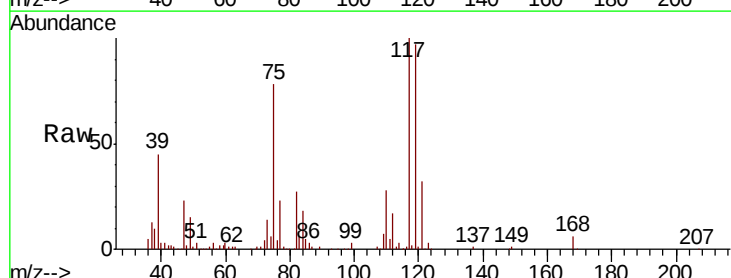
RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

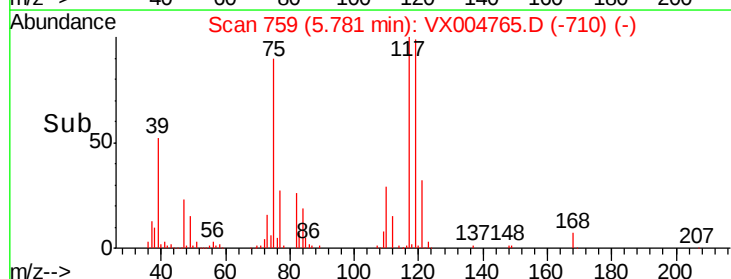
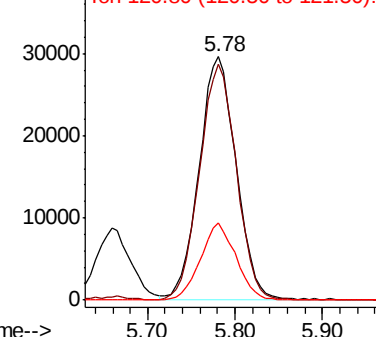
Lab File: VX004765.D

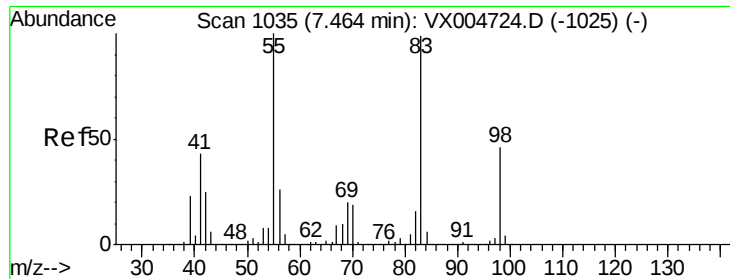
Acq: 27 Sep 2018 11:16

Tgt Ion:	117	Resp:	86925
Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.8	118.2
121	31.7	24.9	37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





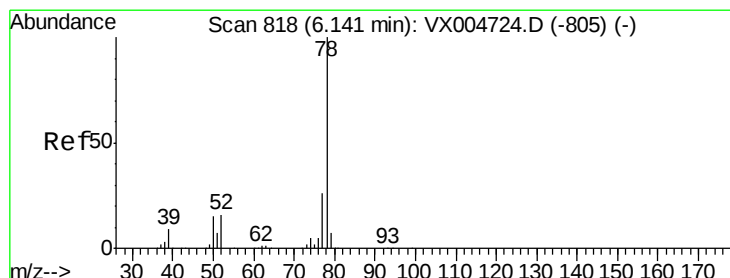
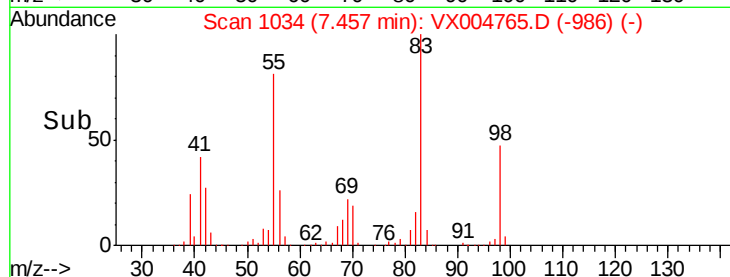
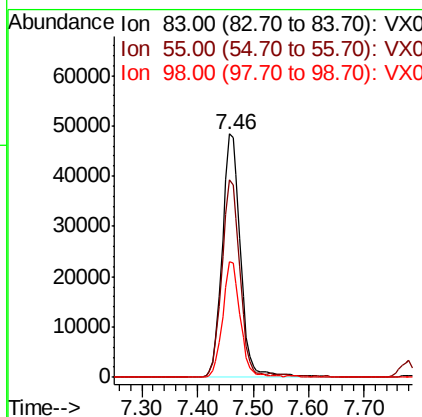
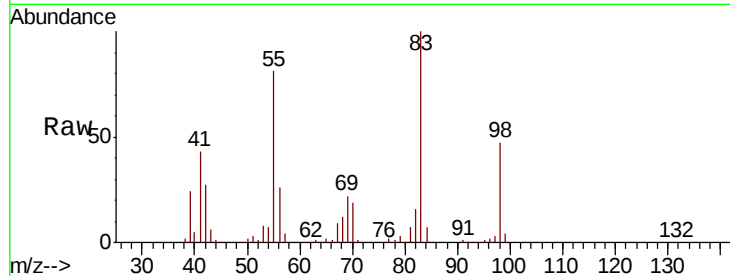
#39
Methvlcvclohexane
Concen: 22.242 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.2	61.0	91.4	
98	47.2	39.6	59.4	

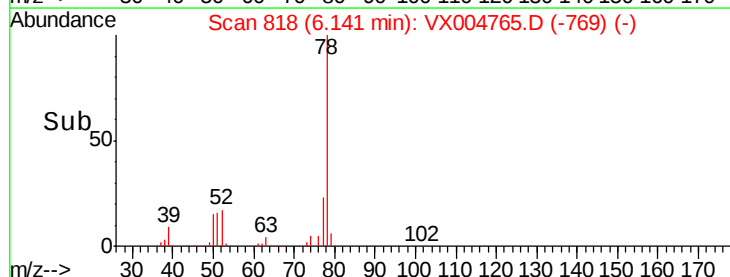
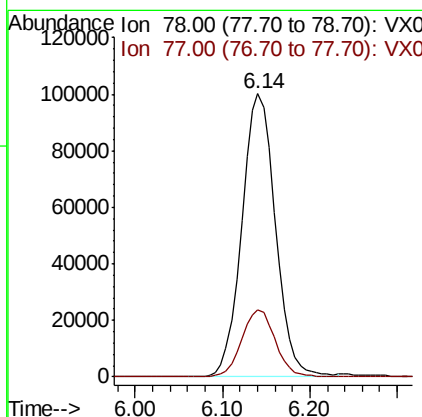
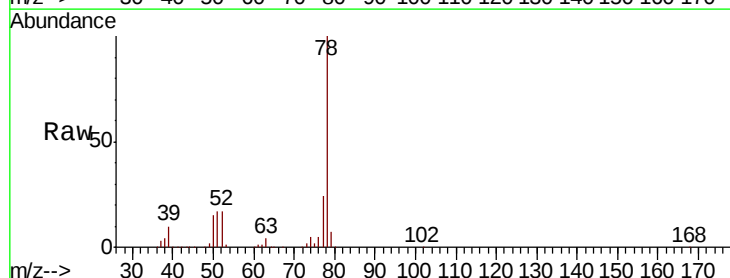
Manual Integrations
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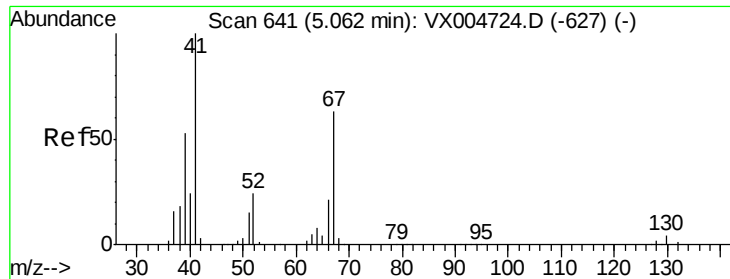
MMDadoda
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#40
Benzene
Concen: 17.562 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	19.0	28.4	





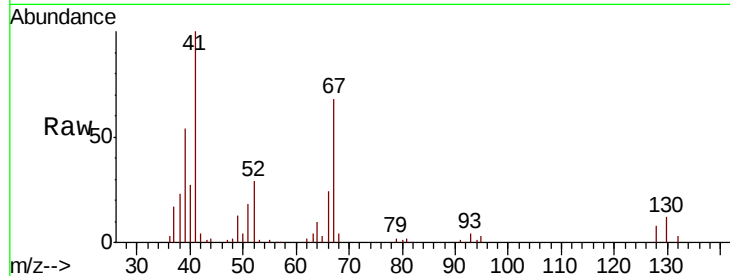
#41
Methacrylonitrile
Concen: 17.984 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampled :
VX0927WBS01

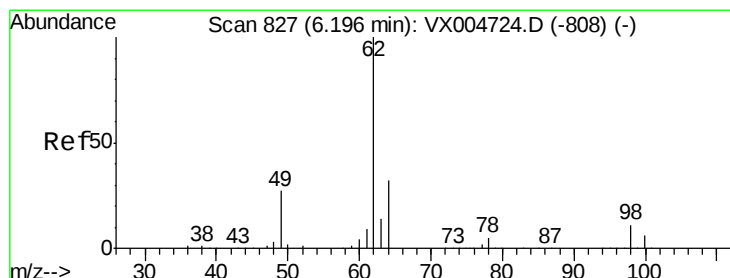
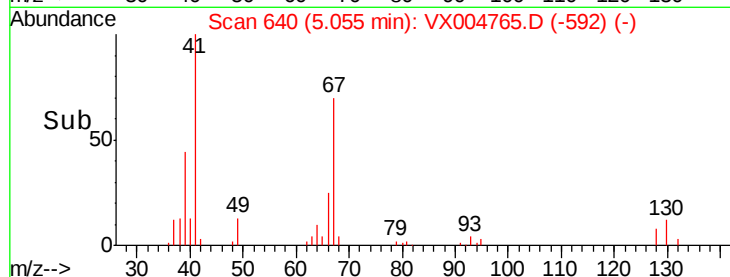
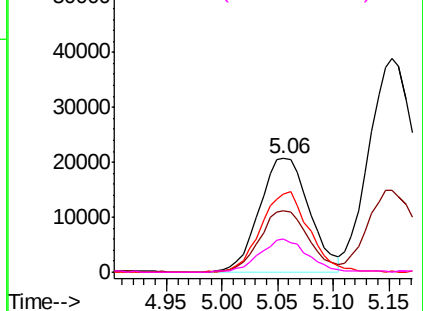
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.4	63.6	
67	68.5	59.2	88.8	
52	28.2	23.0	34.4	

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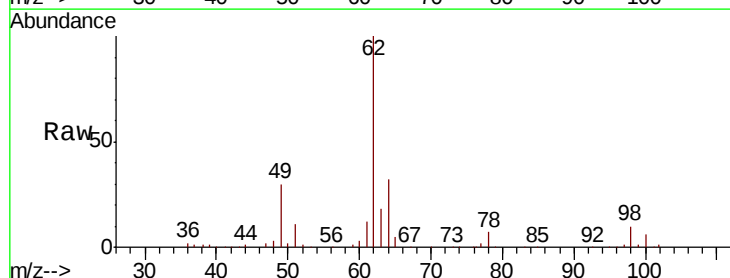


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

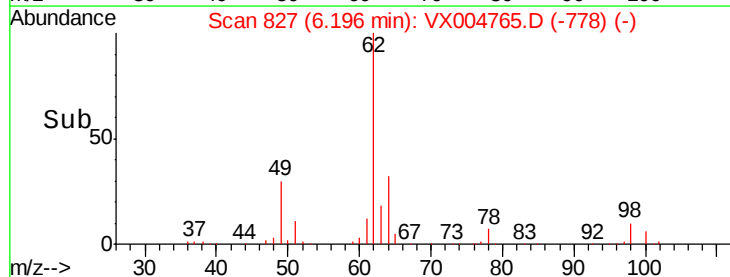
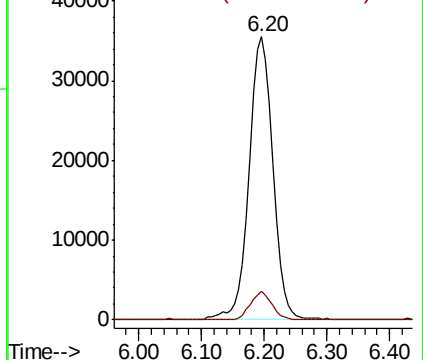


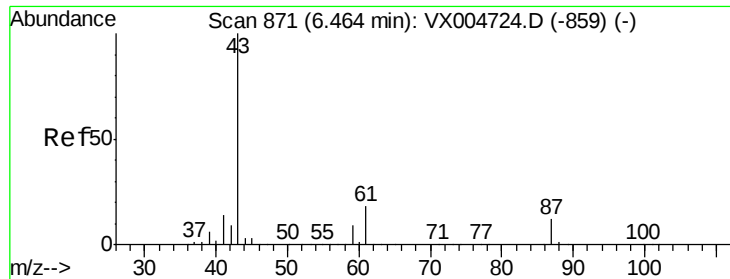
#42
1,2-Dichloroethane
Concen: 17.281 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	20.6	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

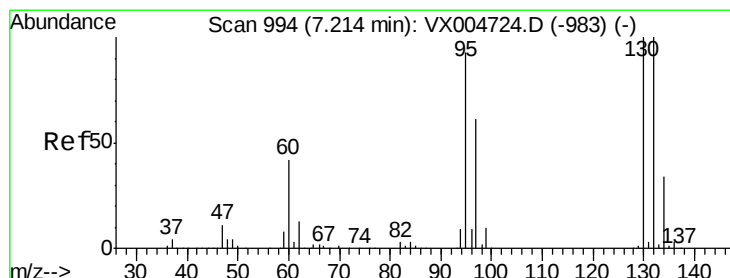
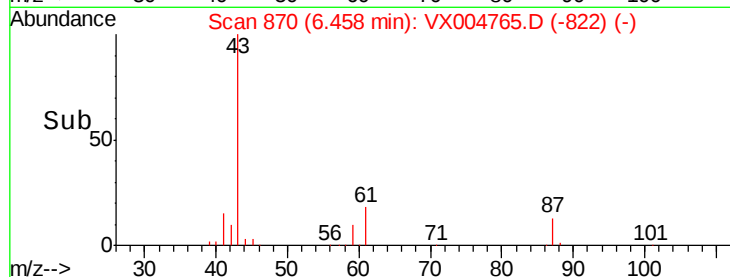
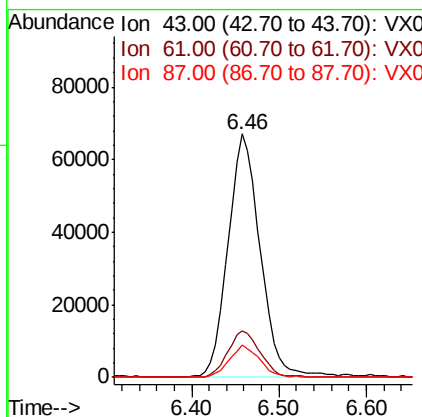
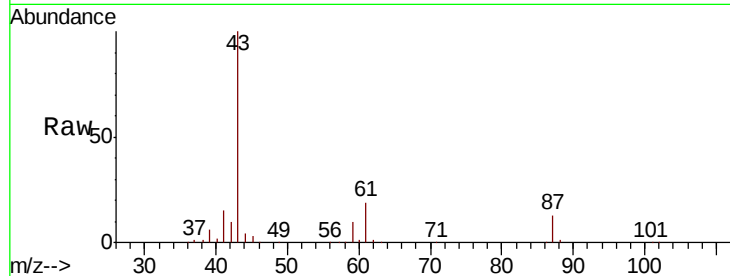
Isopropyl Acetate
 Concen: 18.229 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	43	61	87
Resp:	170025		
Ion Ratio	100	19.7	12.7
Lower		17.0	11.4
Upper		25.4	17.2

Manual Integrations
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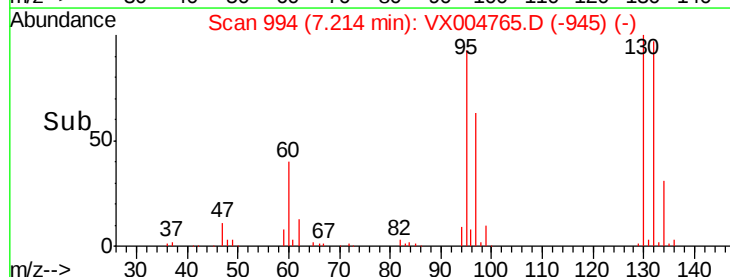
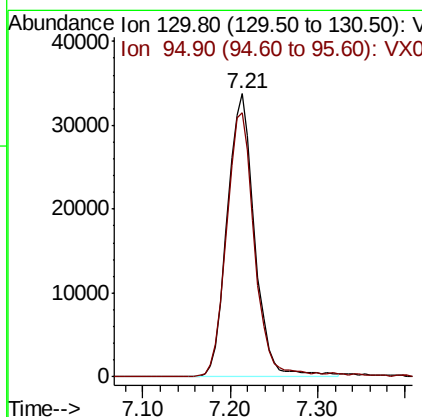
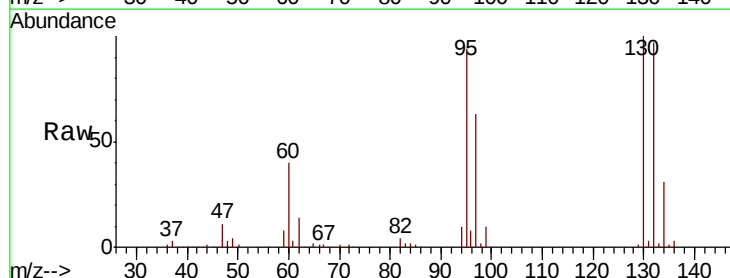
MMDadoda
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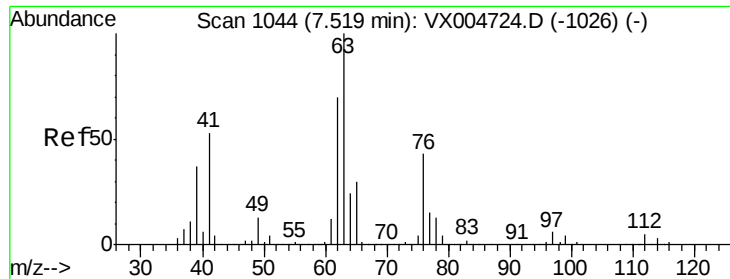


#44

Trichloroethene
 Concen: 19.673 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	130	95
Resp:	73709	
Ion Ratio	100	93.6
Lower		0.0
Upper		181.6





#45

1,2-Dichloropropane

Concen: 19.626 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 63 Resp: 73355

Ion Ratio Lower Upper

63 100

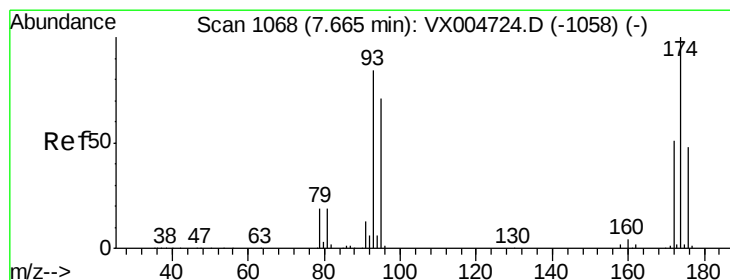
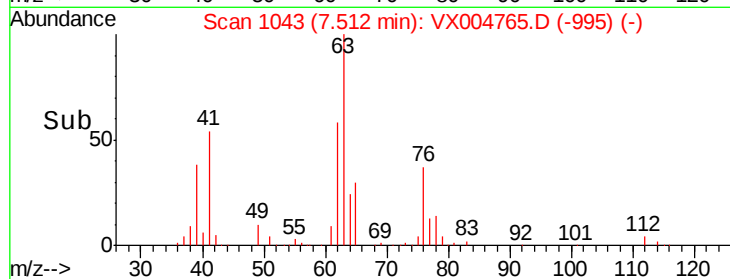
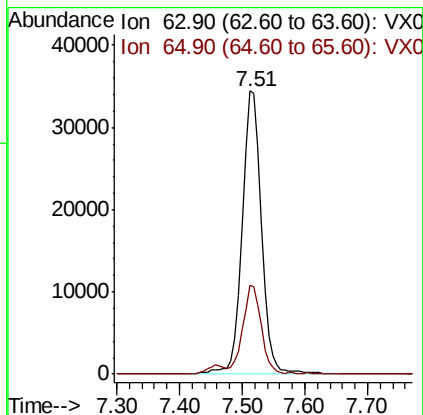
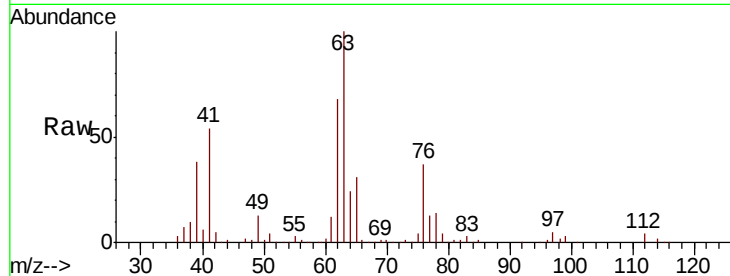
65 31.2 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 19.379 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

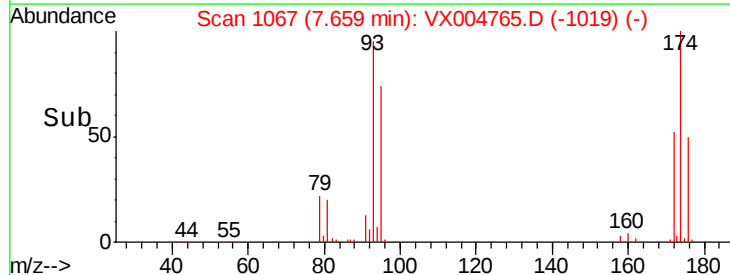
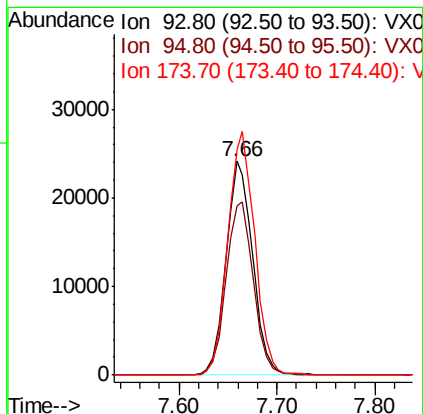
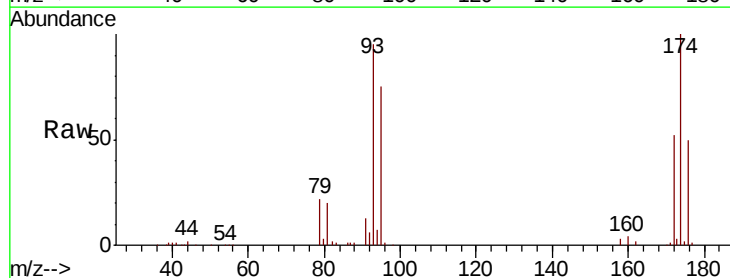
Tgt Ion: 93 Resp: 45521

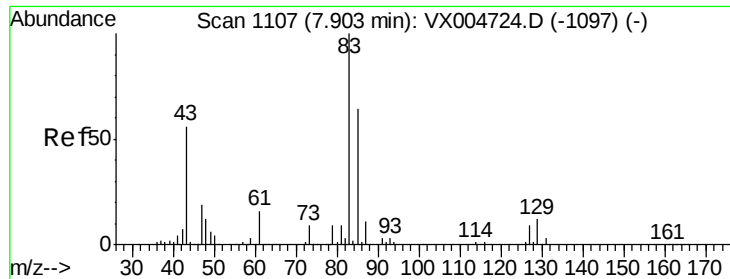
Ion Ratio Lower Upper

93 100

95 83.0 65.5 98.3

174 114.9 94.2 141.4





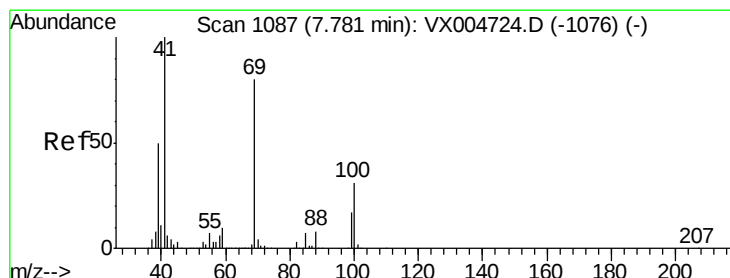
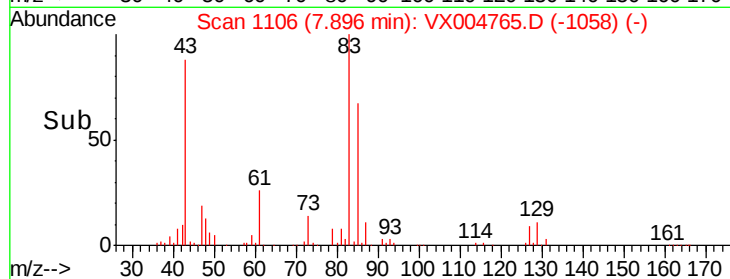
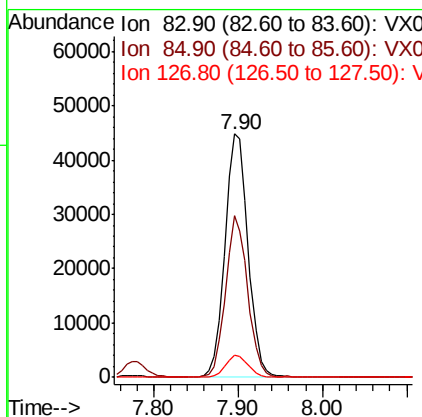
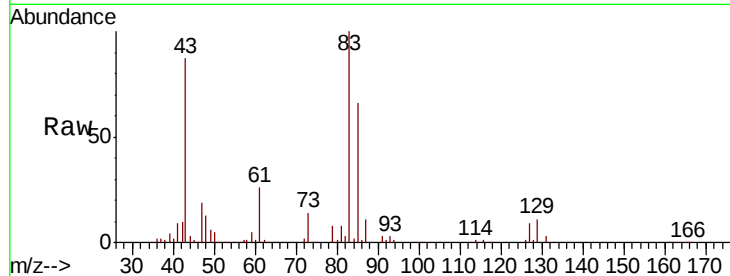
#47
Bromodichloromethane
Concen: 19.102 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	83	Resp	84009
Ion Ratio	100	Lower	Upper
83	100		
85	66.4	50.9	76.3
127	9.1	7.3	10.9

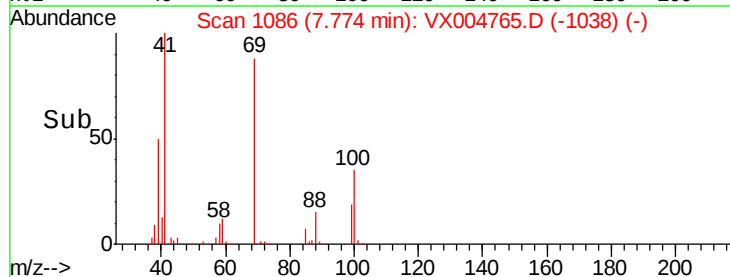
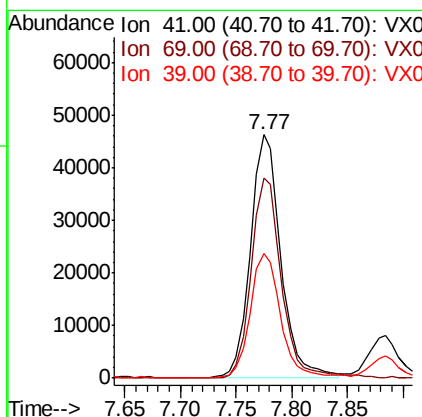
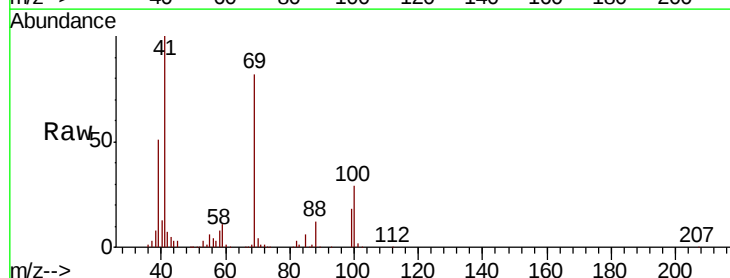
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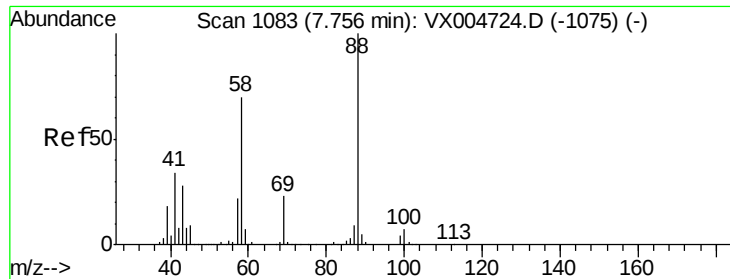
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#48
Methyl methacrylate
Concen: 20.761 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	41	Resp	87891
Ion Ratio	100	Lower	Upper
41	100		
69	82.7	70.2	105.4
39	50.9	42.7	64.1





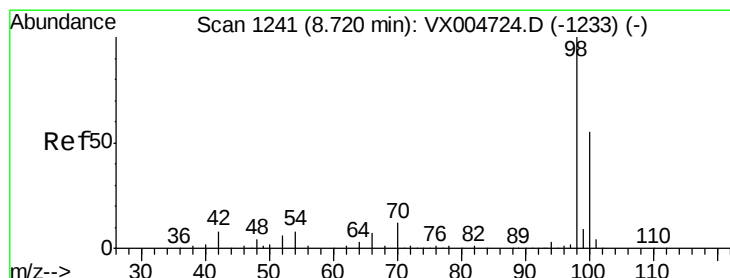
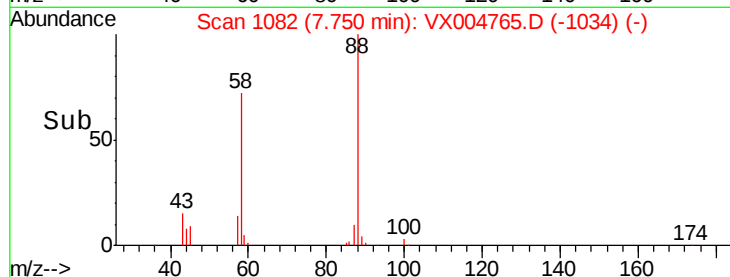
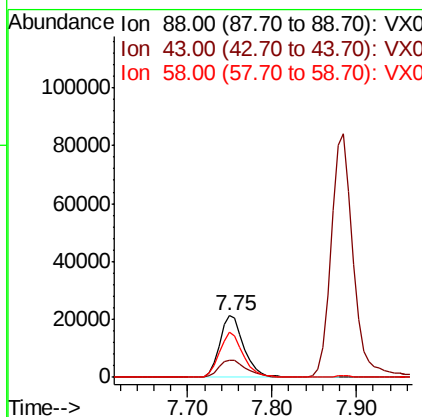
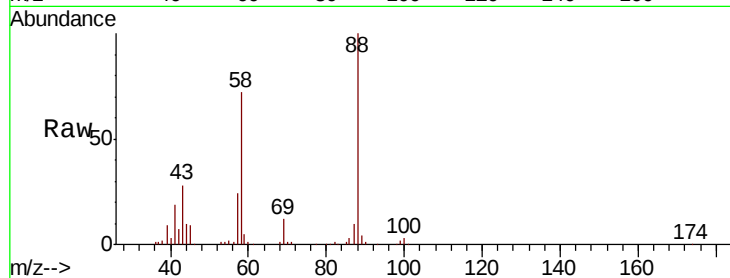
#49
 1,4-Dioxane
 Concen: 402.184 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.7	37.1
58	72.4	55.3	82.9

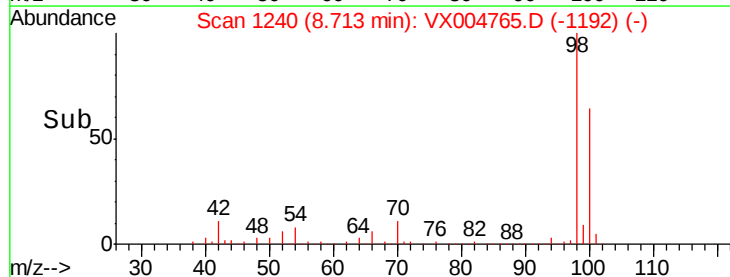
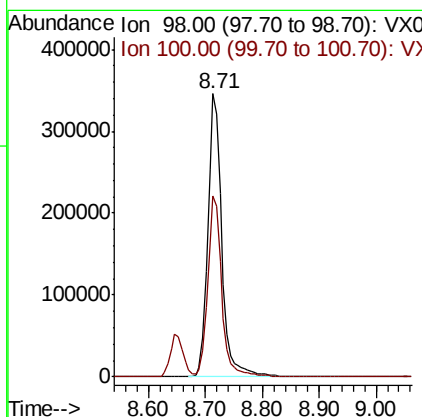
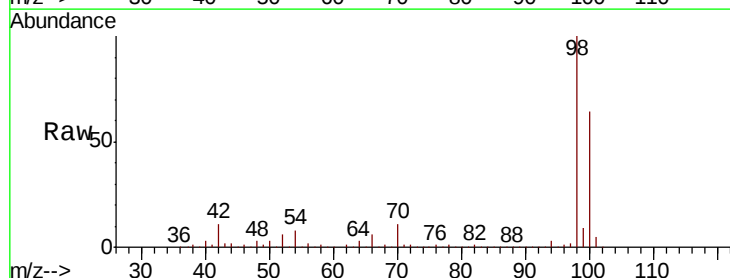
Manual Integrations
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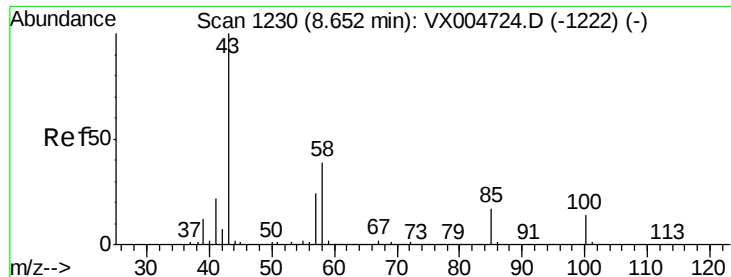
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#50
 Toluene-d8
 Concen: 49.970 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.9	79.3





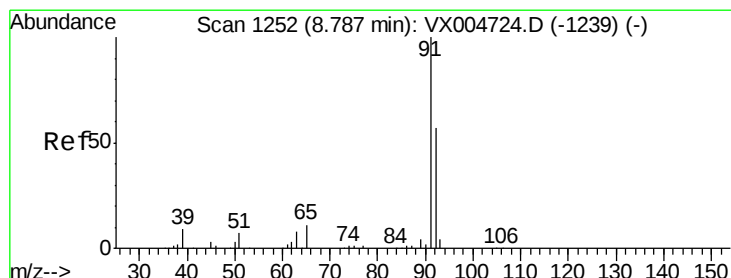
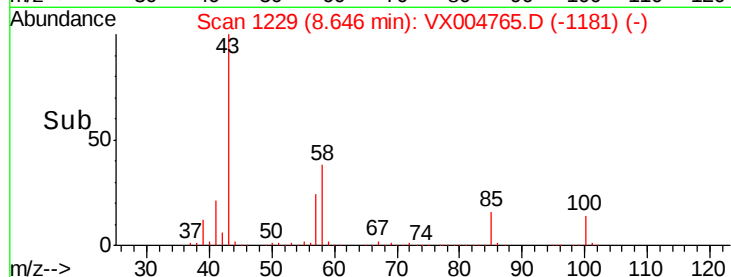
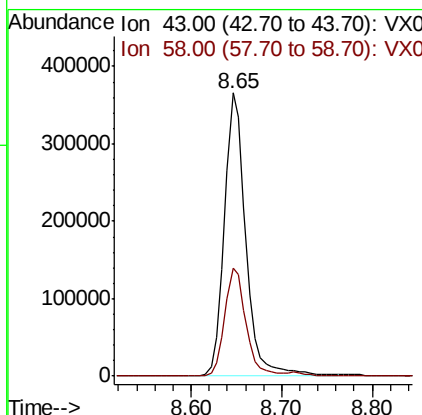
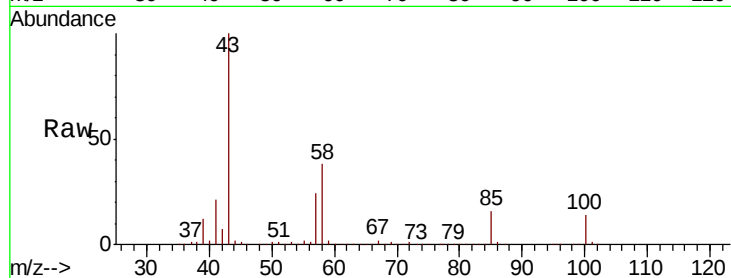
#51
 4-Methyl-2-Pentanone
 Concen: 102.665 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	37.7		33.1	49.7	

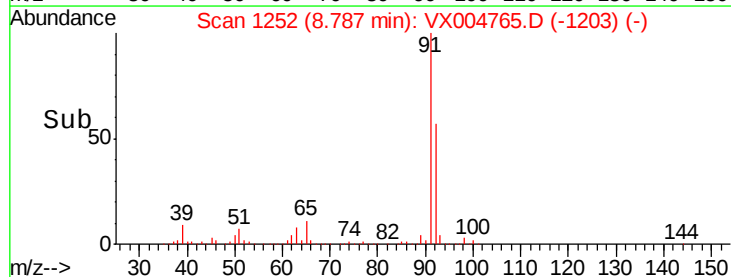
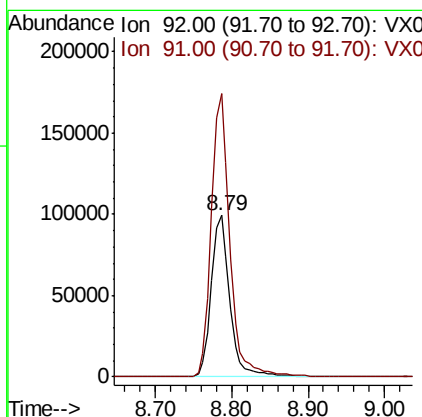
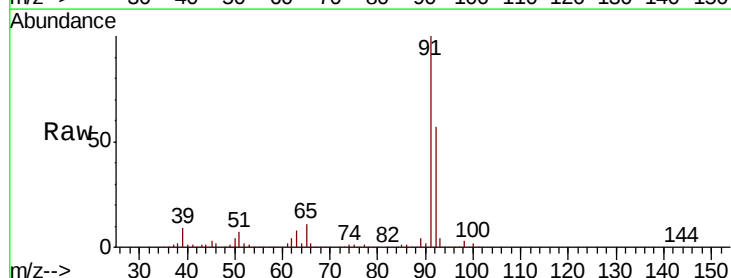
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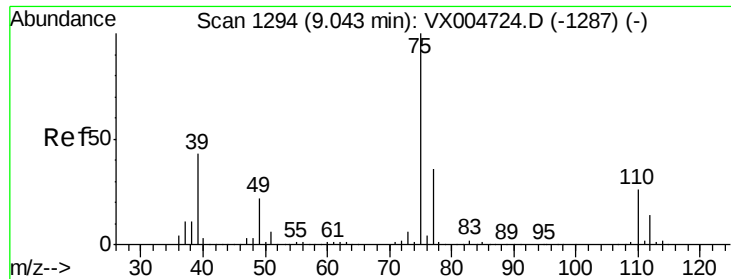
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#52
 Toluene
 Concen: 20.119 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	174.4		136.4	204.6	





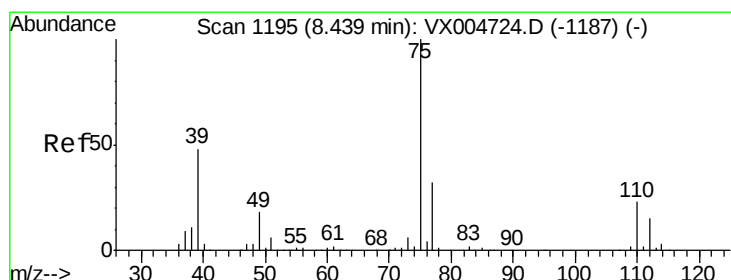
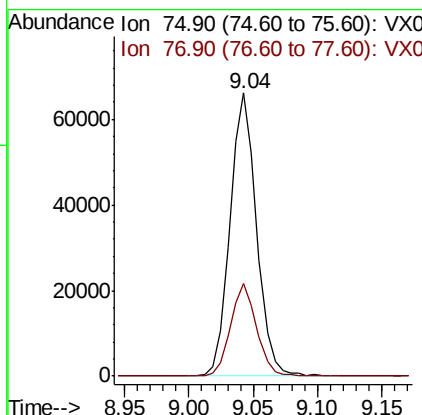
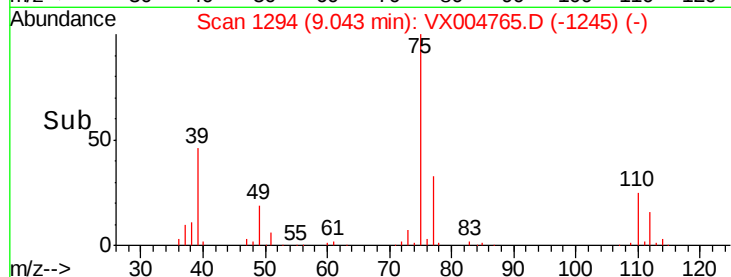
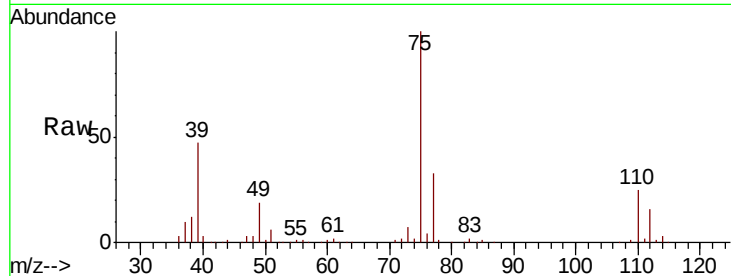
#53
 t-1,3-Dichloropropene
 Concen: 19.172 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion: 75 Resp: 95279
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.6 37.0

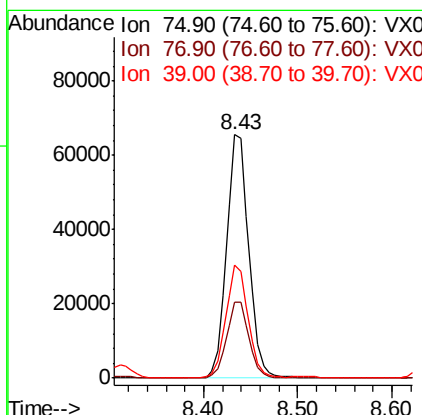
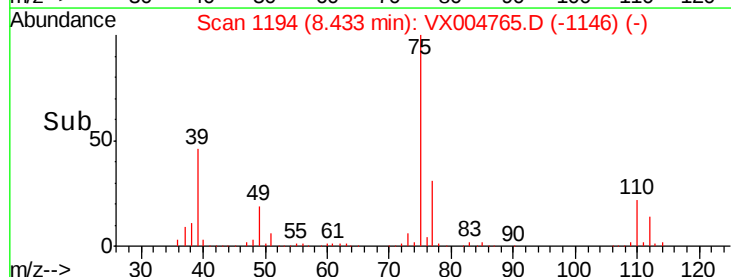
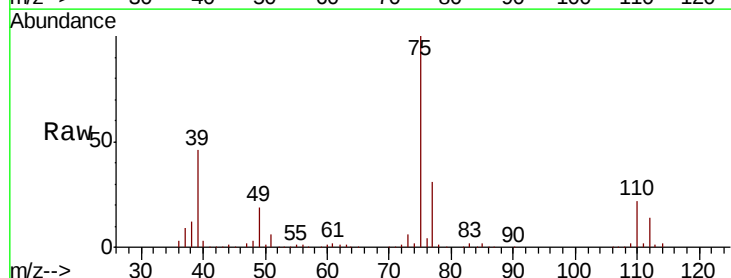
Manual Integrations
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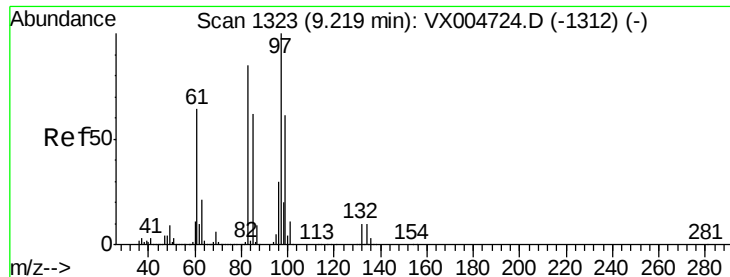
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#54
 cis-1,3-Dichloropropene
 Concen: 20.506 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion: 75 Resp: 106743
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.2
 39 46.0 36.4 54.6





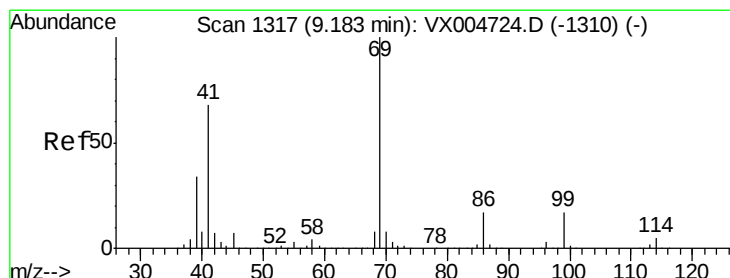
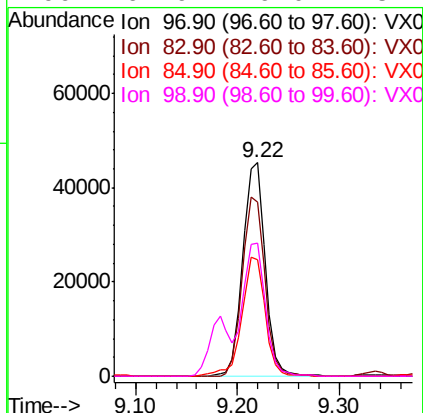
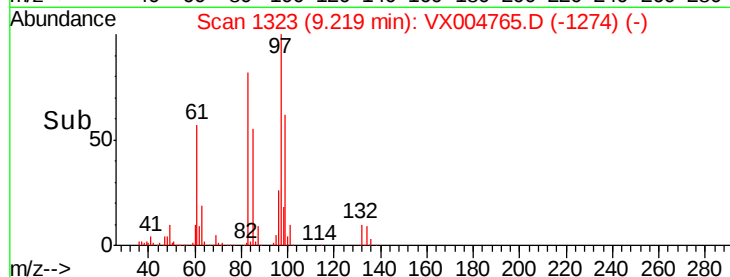
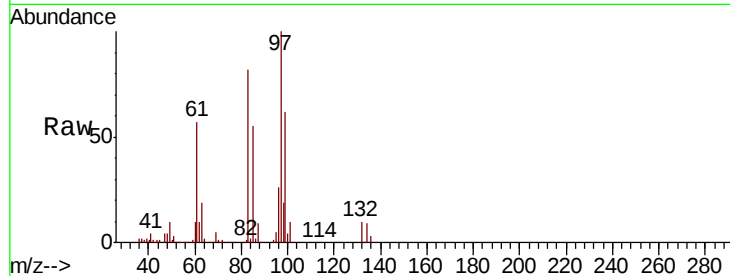
#55
 1,1,2-Trichloroethane
 Concen: 18.800 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		68967		
83	81.6	66.4	99.6		
85	54.5	43.3	64.9		
99	61.9	49.0	73.4		

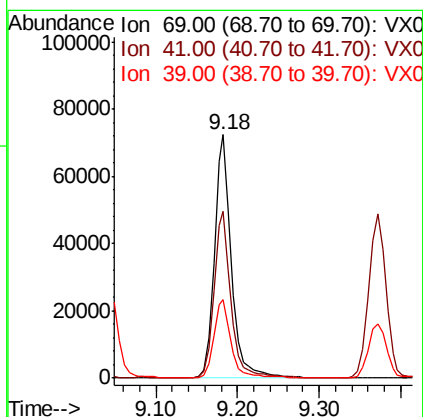
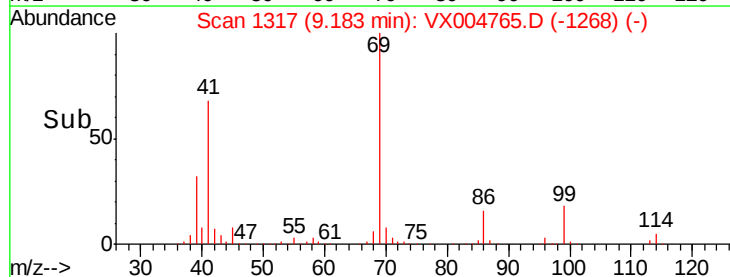
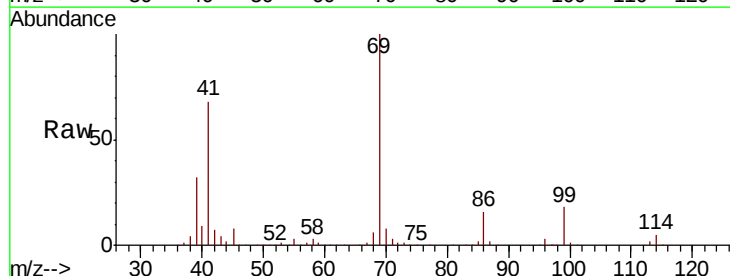
Manual Integrations
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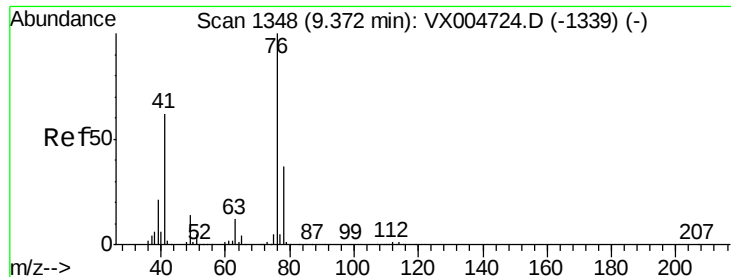
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 9/28/2018 2:26:08 PM



#56
 Ethyl methacrylate
 Concen: 19.736 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		106547		
41	68.8	51.0	76.4		
39	32.5	26.1	39.1		





#57

1,3-Dichloropropane

Concen: 18.988 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 76 Resp: 115928

Ion Ratio Lower Upper

76 100

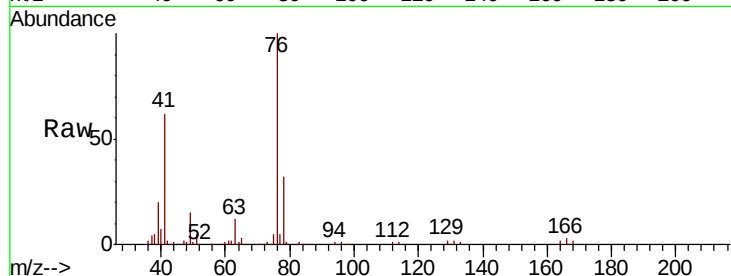
78 32.5 25.5 38.3

Manual Integrations

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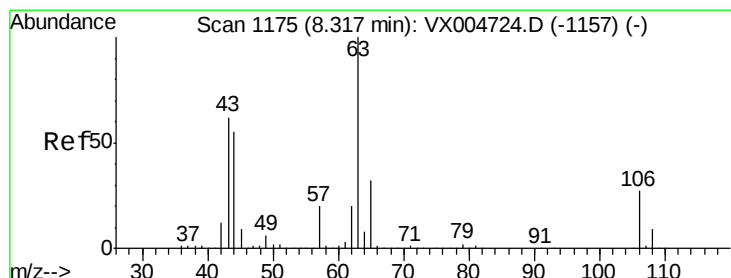
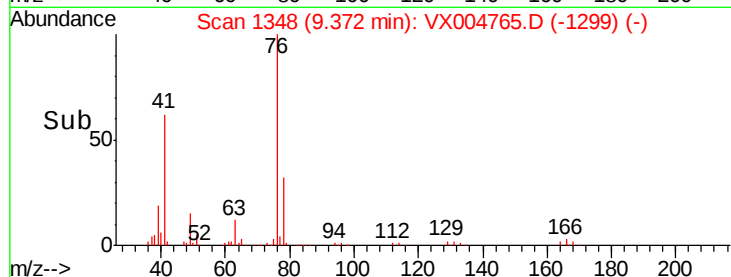
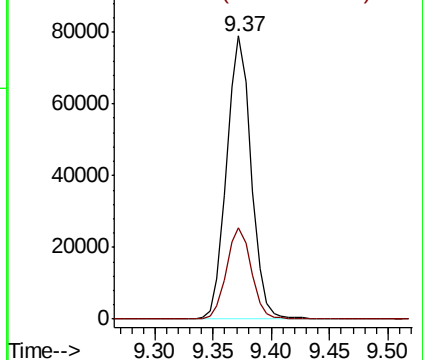
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.641 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004765.D

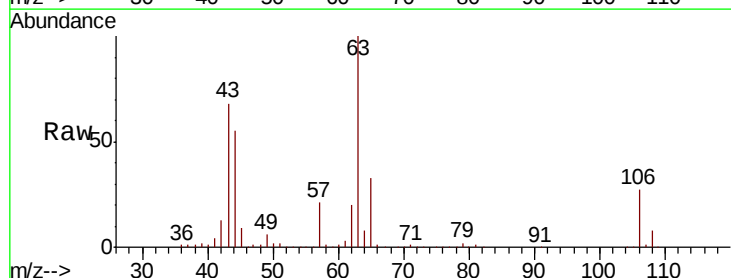
Acq: 27 Sep 2018 11:16

Tgt Ion: 63 Resp: 299649

Ion Ratio Lower Upper

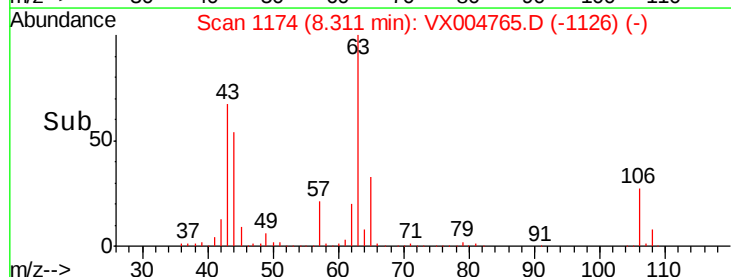
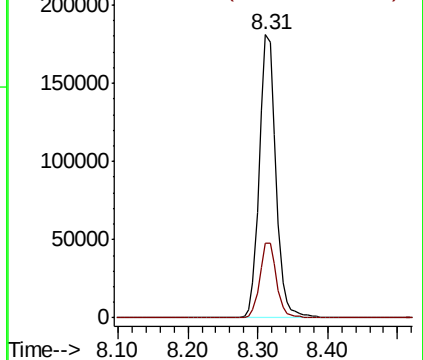
63 100

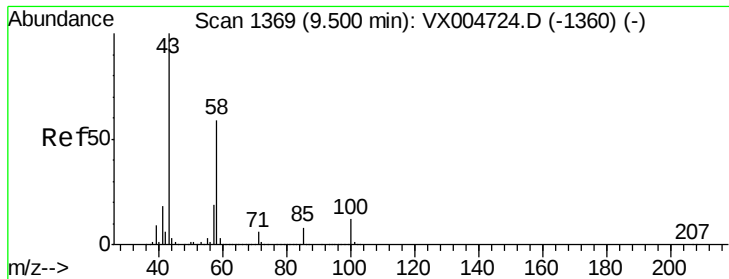
106 26.8 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





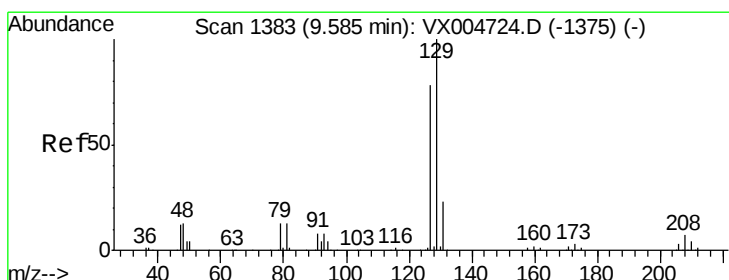
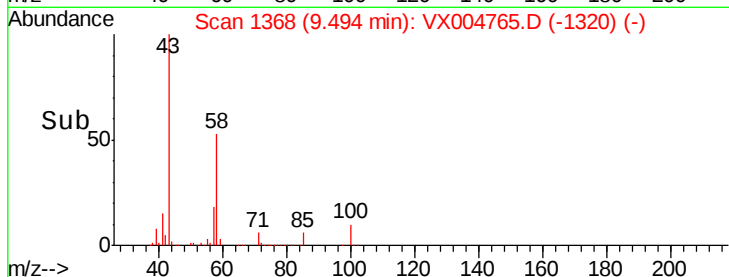
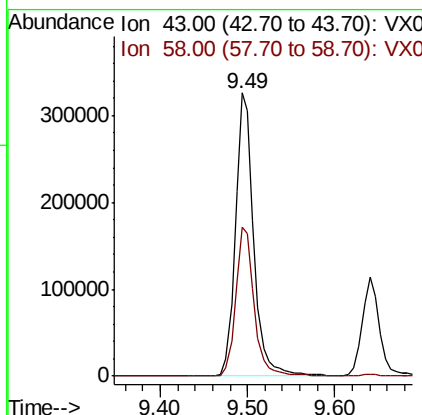
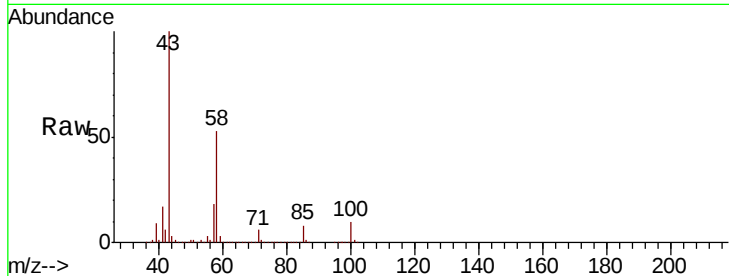
#59
2-Hexanone
Concen: 97.403 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.4	29.0	87.0

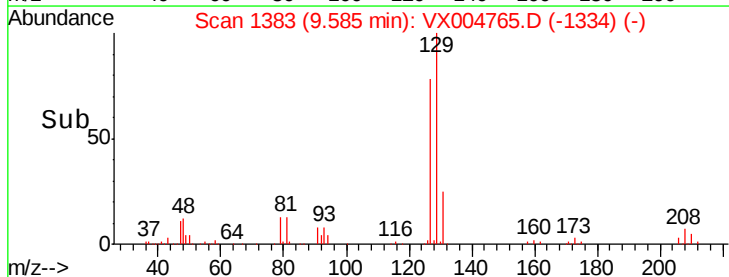
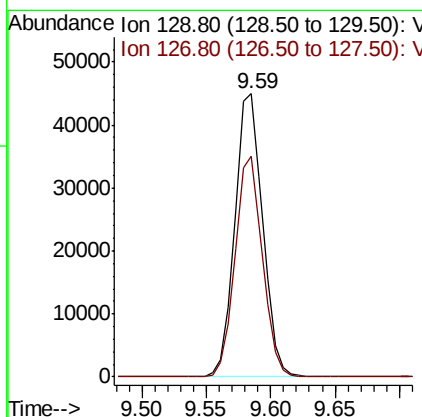
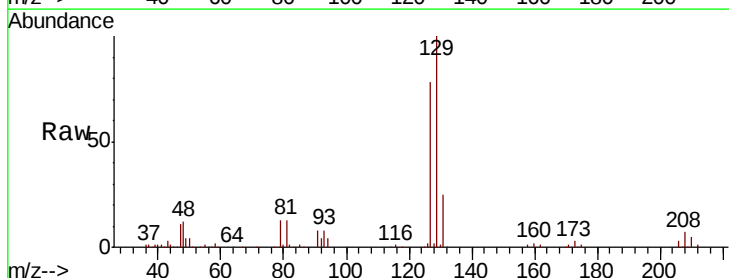
Manual Integrations
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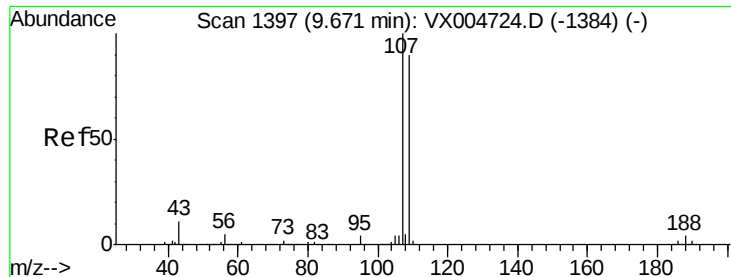
MMDadoda
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#60
Dibromochloromethane
Concen: 18.395 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.5	115.5





#61

1,2-Dibromoethane

Concen: 17.970 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion:107 Resp: 70599

Ion Ratio Lower Upper

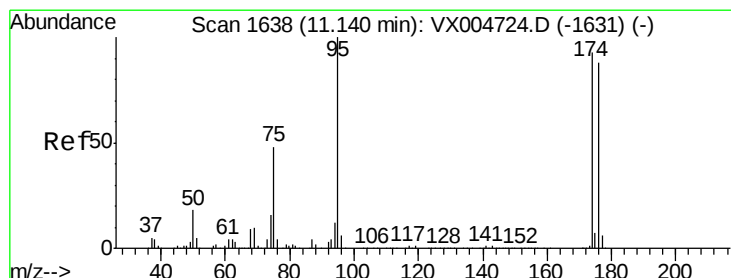
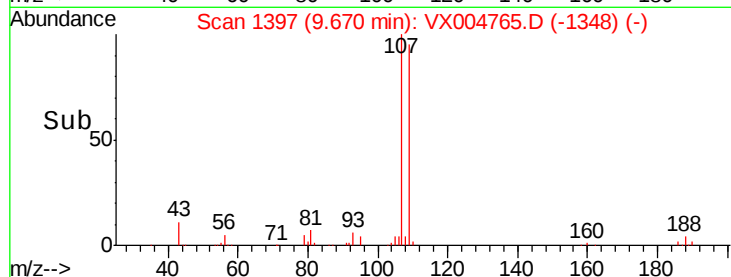
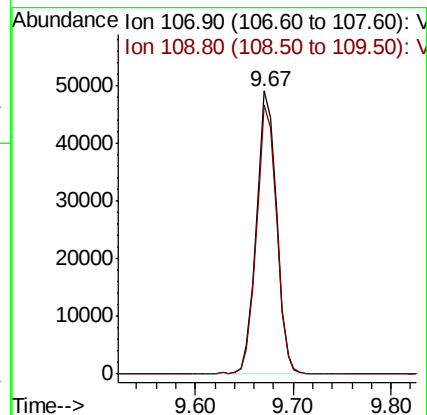
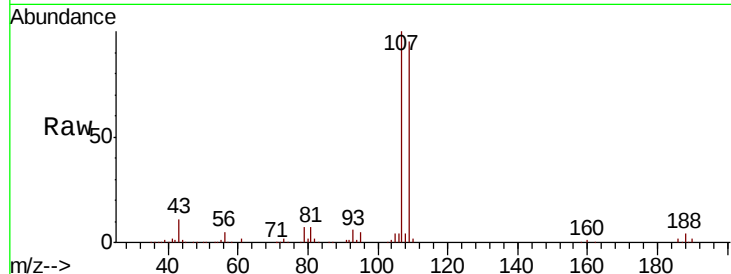
107 100

109 95.3 76.0 114.0

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 50.437 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

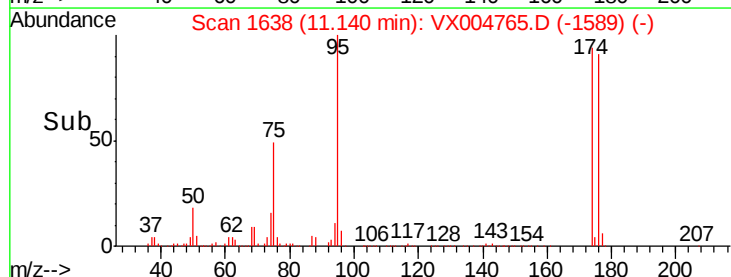
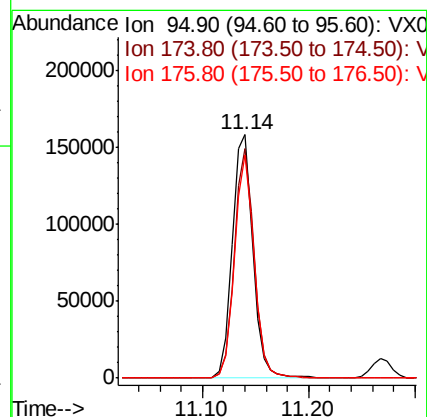
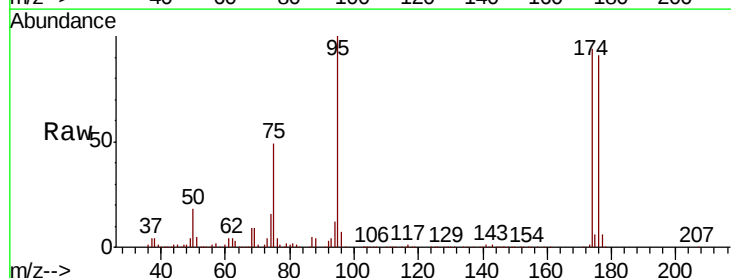
Tgt Ion: 95 Resp: 215541

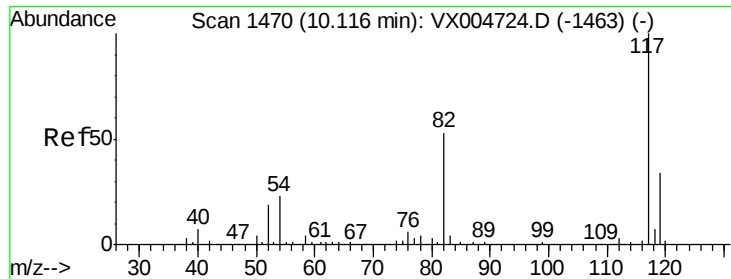
Ion Ratio Lower Upper

95 100

174 90.7 0.0 185.2

176 87.7 0.0 178.6





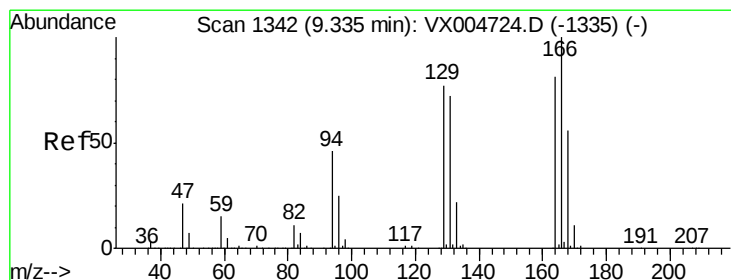
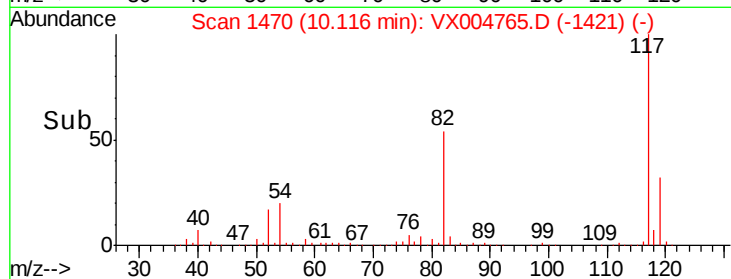
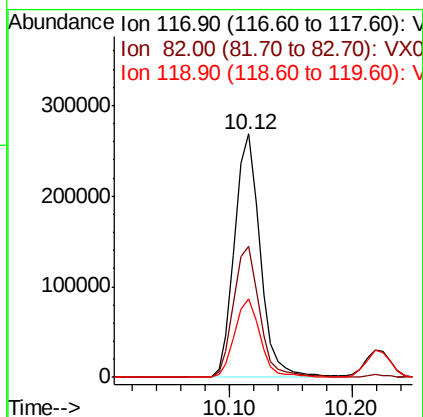
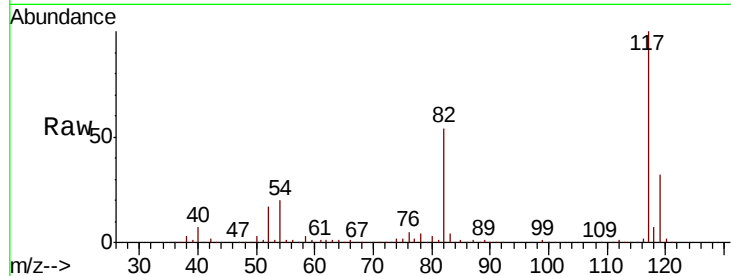
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	47.8	71.6
119	32.2	29.3	43.9

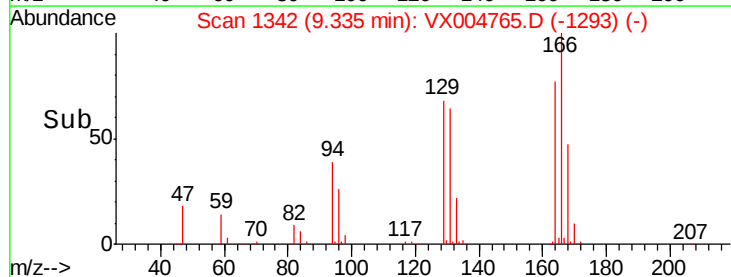
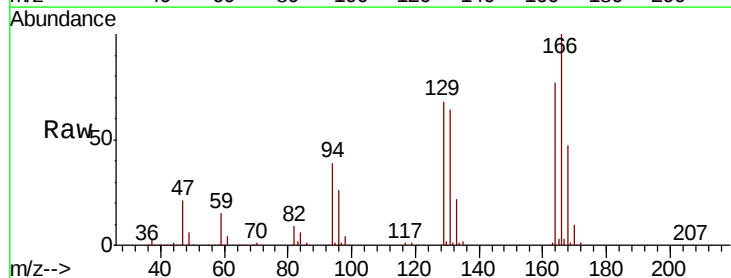
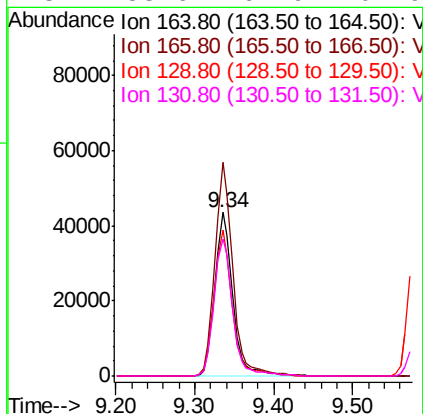
Manual Integrations
APPROVED

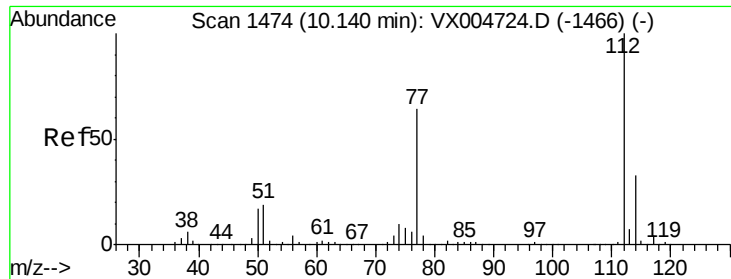
MMDadoda
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#64
Tetrachloroethene
Concen: 18.144 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	102.8	154.2
129	88.9	69.4	104.0
131	83.6	67.9	101.9





#65

Chlorobenzene

Concen: 18.742 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS01

Tot Ion:112 Resp: 187568

Ion Ratio Lower Upper

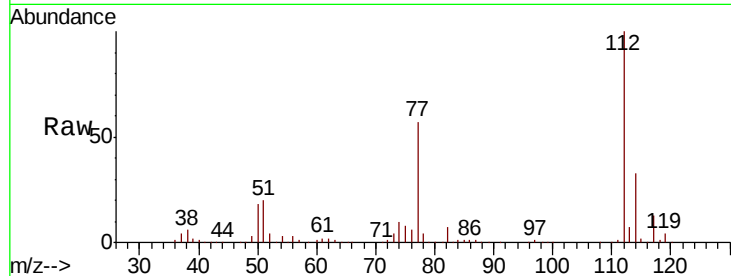
112 100

114 32.7 27.8 41.8

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

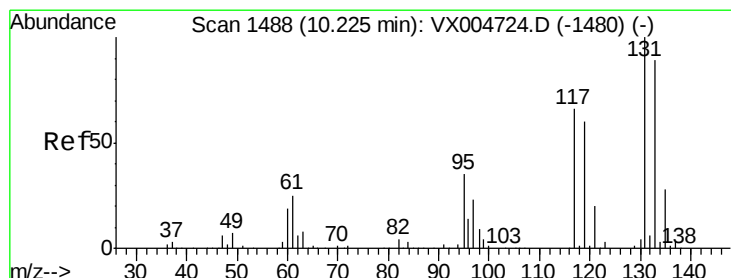
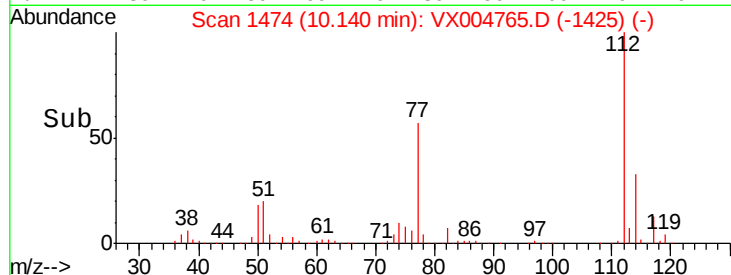
10.14

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.452 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

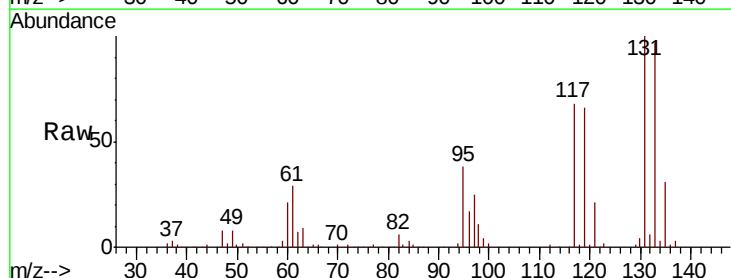
Tgt Ion:131 Resp: 64920

Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.4

119 65.4 32.9 98.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

120000

10.22

80000

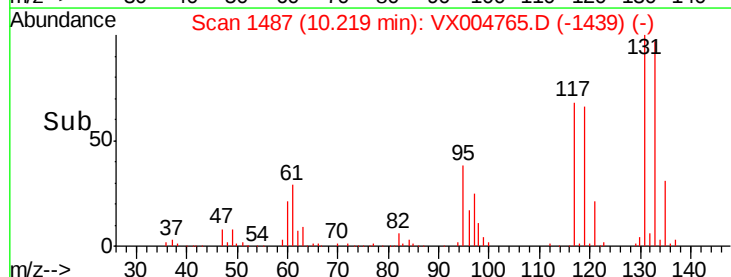
60000

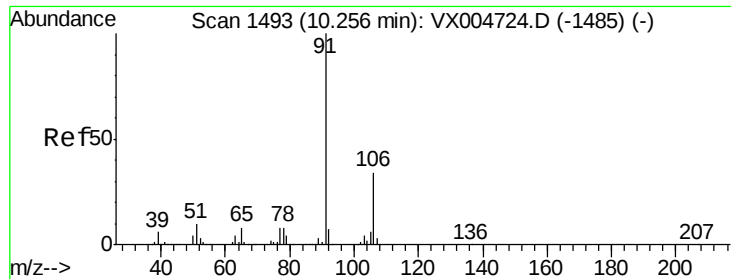
40000

20000

0

Time-->





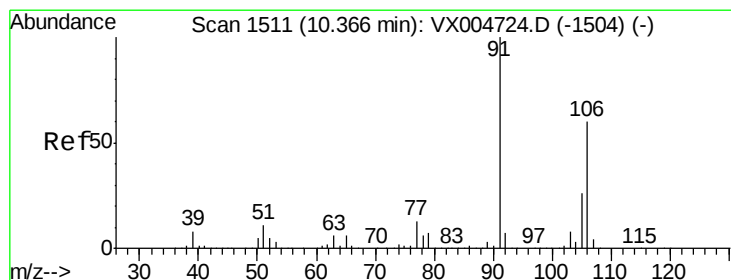
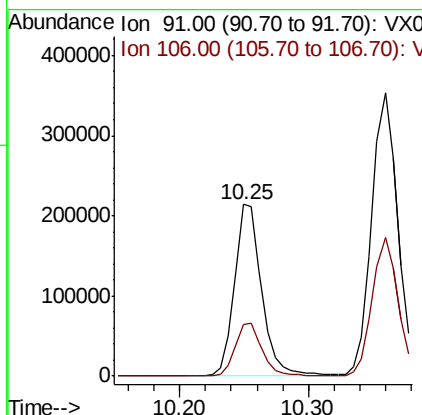
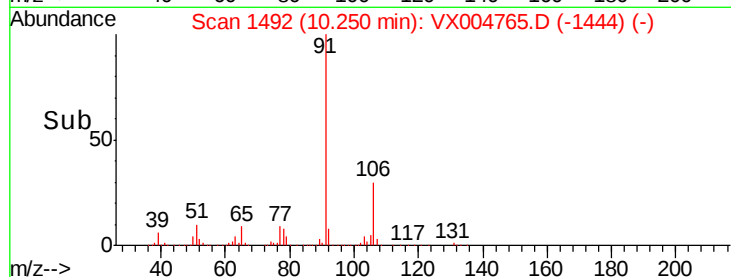
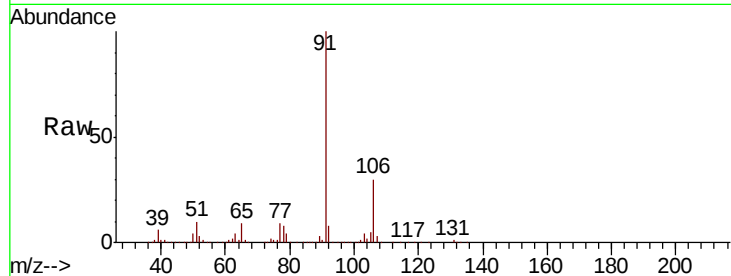
#67
Ethyl Benzene
Concen: 19.918 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion: 91 Resp: 316463
Ion Ratio Lower Upper
91 100
106 29.9 25.9 38.9

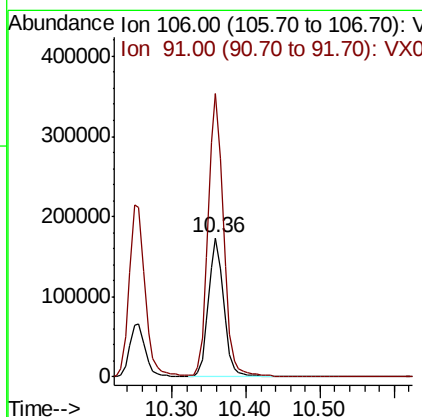
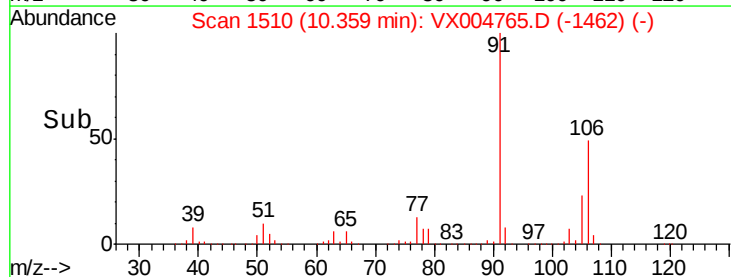
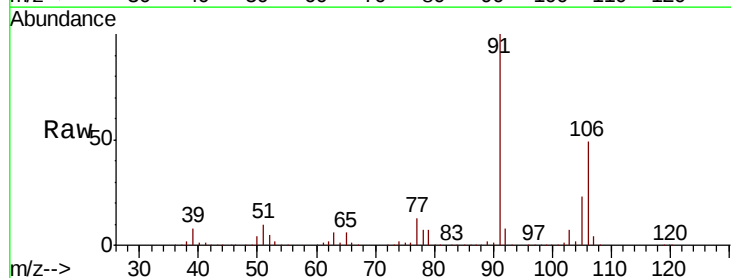
Manual Integrations
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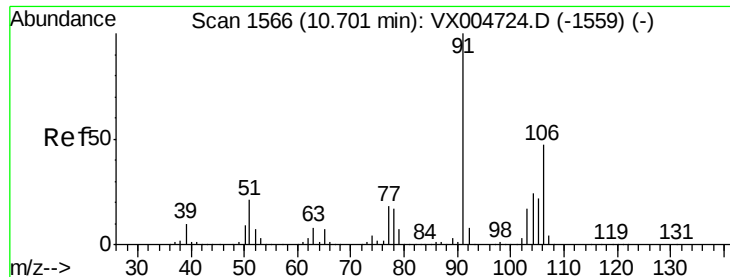
MMDadoda
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#68
m/p-Xylenes
Concen: 39.717 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion: 106 Resp: 246596
Ion Ratio Lower Upper
106 100
91 205.7 157.1 235.7





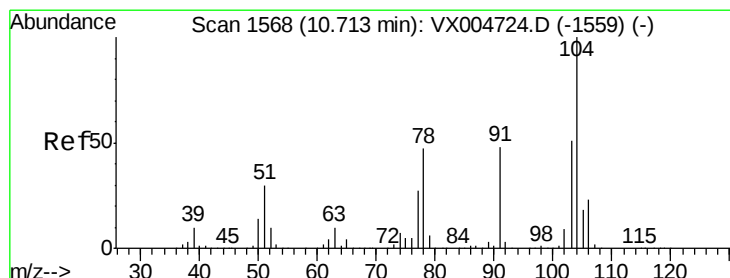
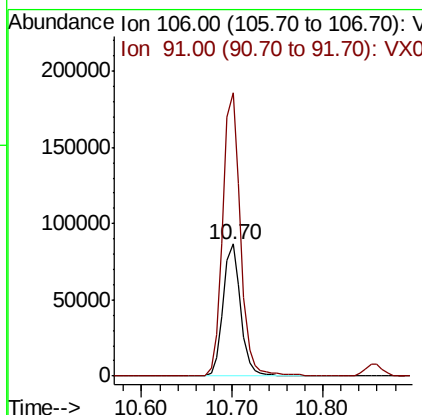
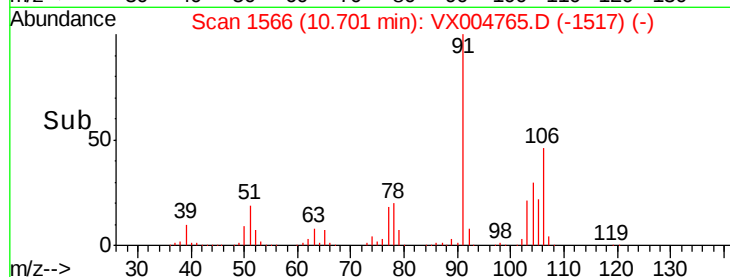
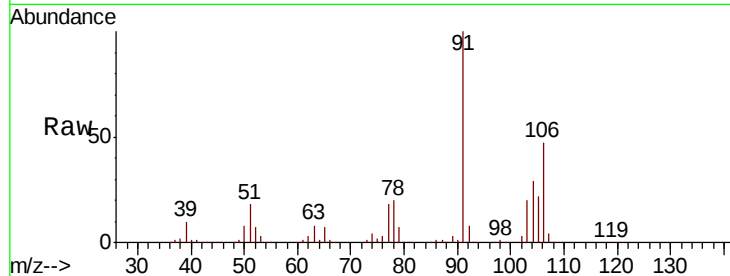
#69
o-Xylene
Concen: 20.571 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampled :
VX0927WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		117314		
91	216.6	105.1	315.1		

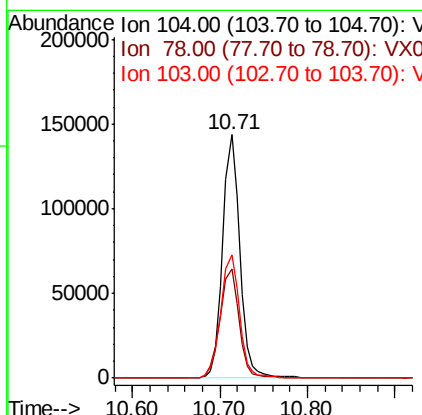
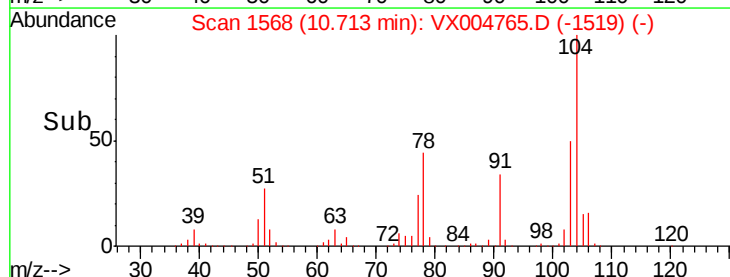
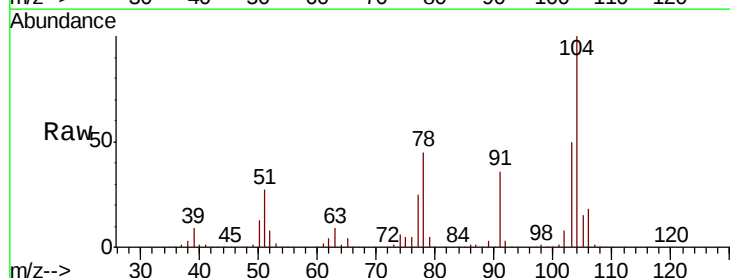
Manual Integrations
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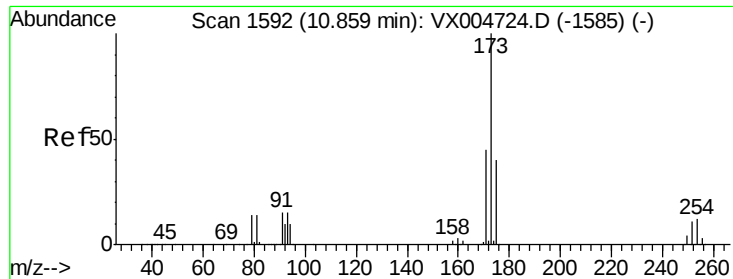
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#70
Styrene
Concen: 19.697 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		195636		
78	49.9	37.4	56.0		
103	55.6	43.8	65.6		





#71

Bromoform

Concen: 17.405 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

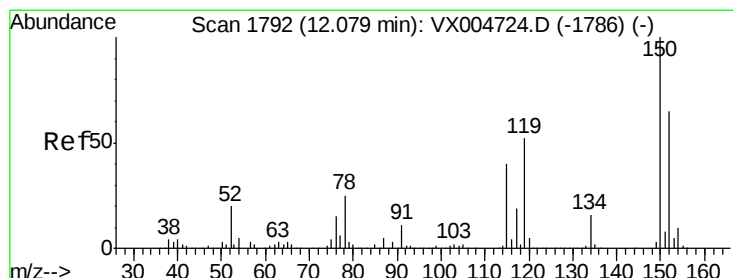
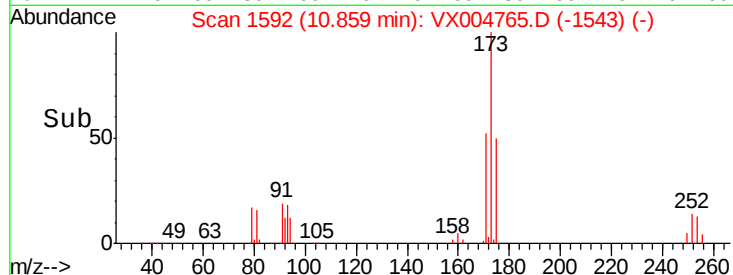
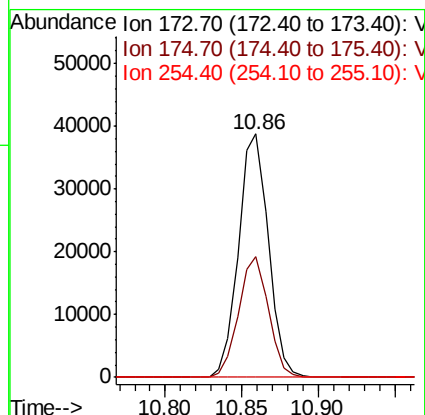
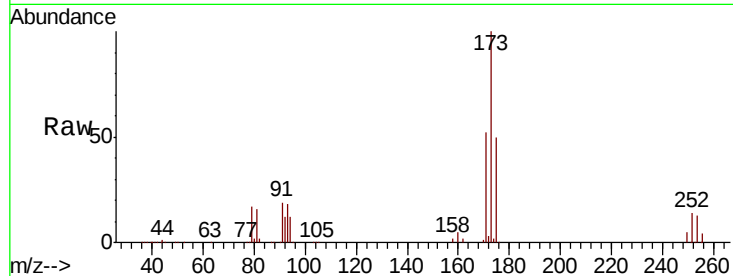
ClientSampleId :

VX0927WBS01

Tot Ion:	173	Resp:	52427
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

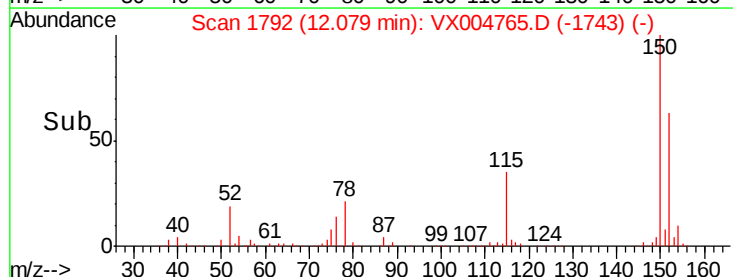
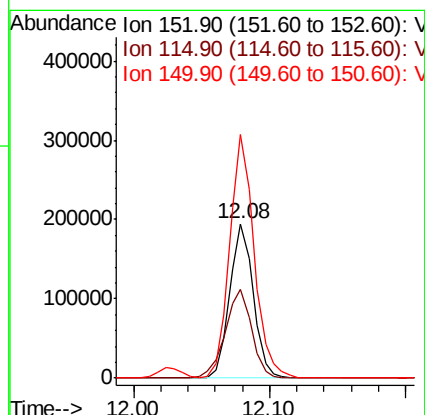
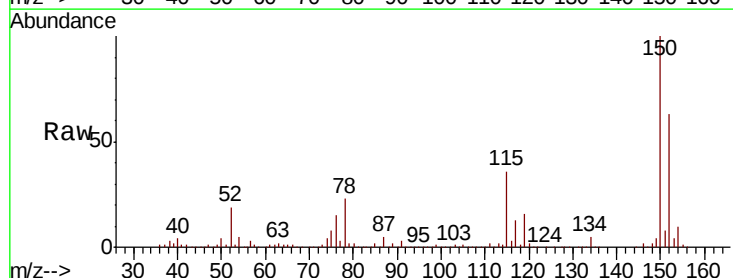
RT: 12.08 min Scan# 1792

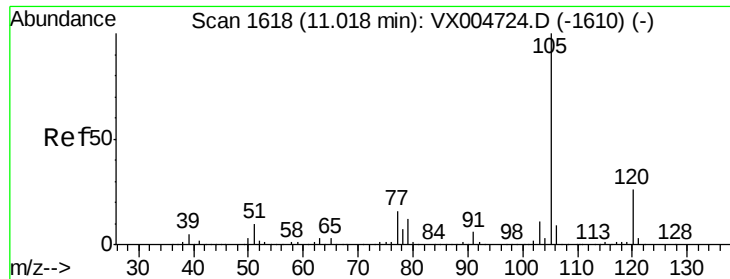
Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Tgt Ion:	152	Resp:	233702
Ion Ratio	Lower	Upper	
152	100		
115	64.5	39.0	117.0
150	163.6	0.0	351.0





#73

Isopropylbenzene

Concen: 21.775 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 105 Resp: 320760

Ion Ratio Lower Upper

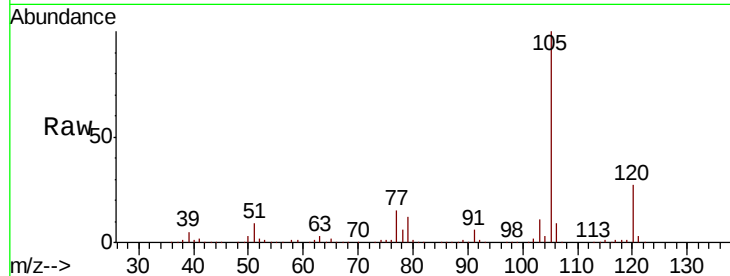
105 100

120 26.8 13.5 40.4

Manual Integrations
APPROVED

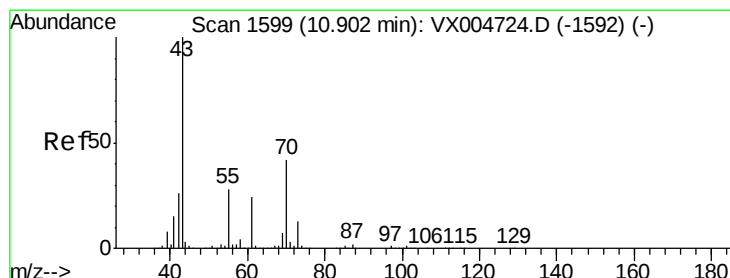
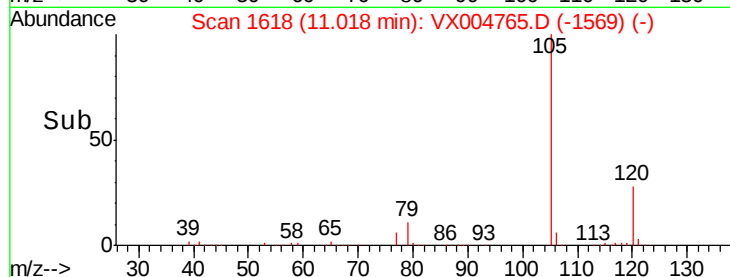
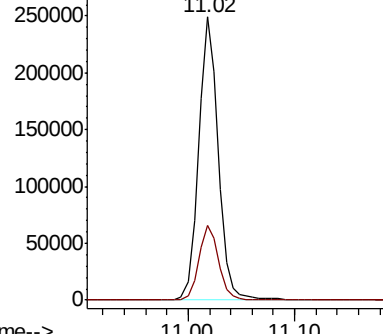
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.595 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Tgt Ion: 43 Resp: 149737

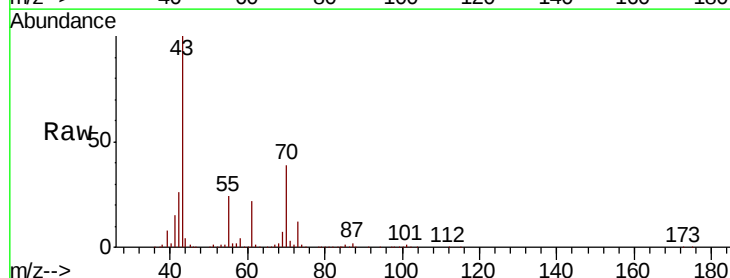
Ion Ratio Lower Upper

43 100

70 40.5 37.4 56.0

55 25.2 21.8 32.8

61 23.6 20.6 30.8

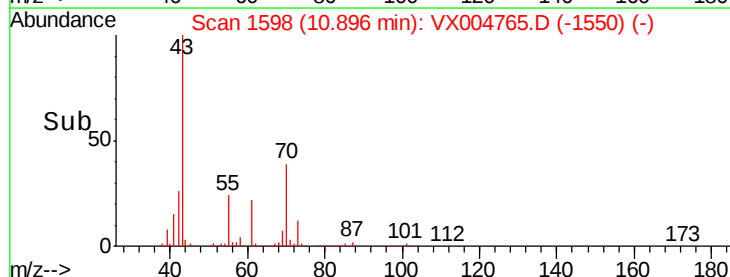
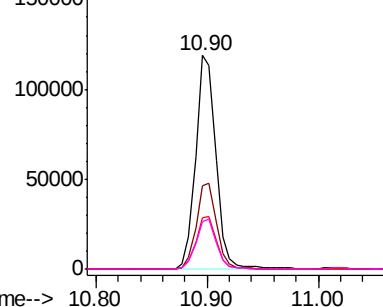


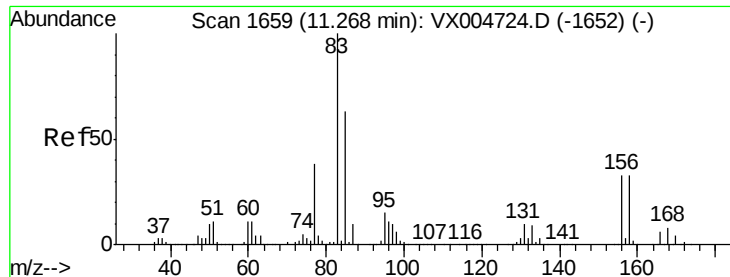
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





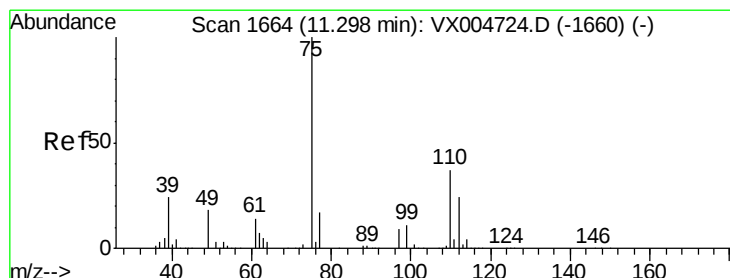
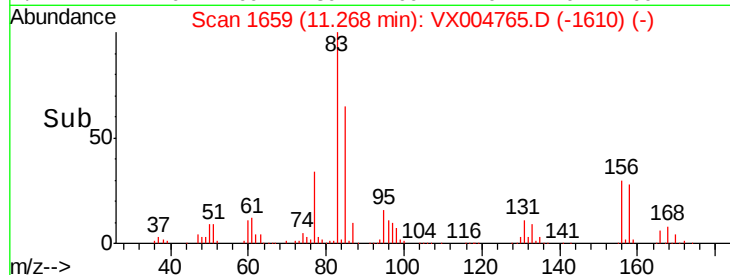
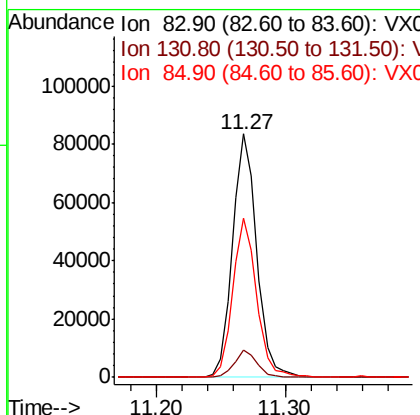
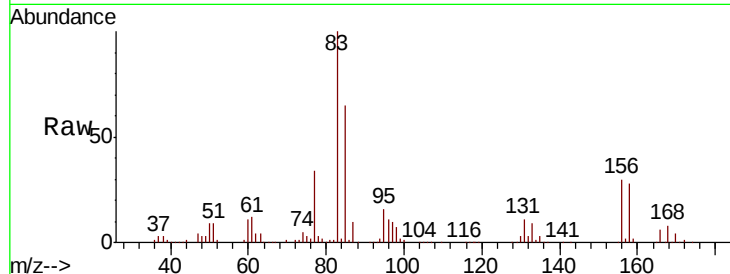
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.296 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.6	5.2	15.6	
85	64.4	32.3	96.8	

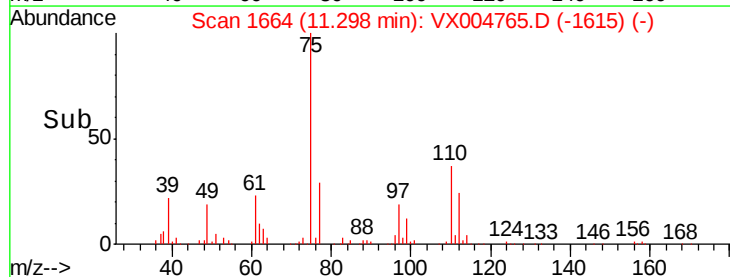
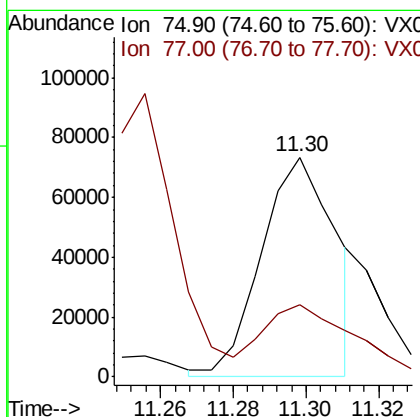
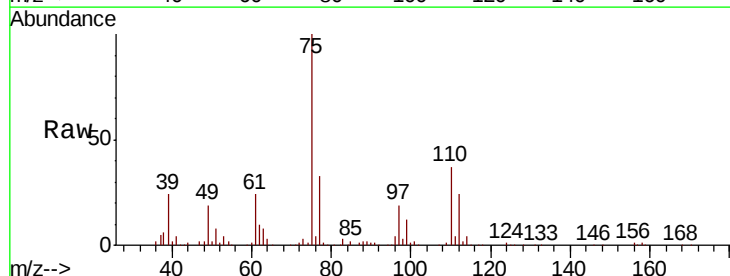
Manual Integrations
 APPROVED

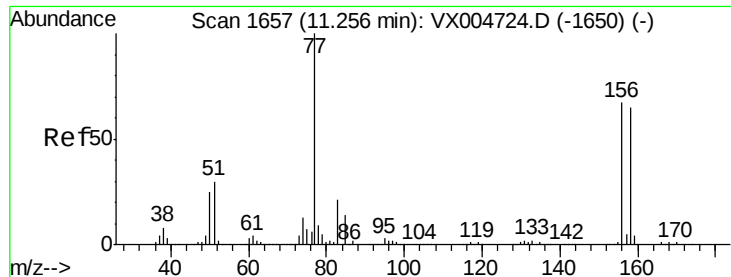
MMDadoda
 9/28/2018 2:26:08 PM



#76
 1,2,3-Trichloropropane
 Concen: 19.757 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	40.4	20.2	60.6	





#77

Bromobenzene

Concen: 19.782 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion:156 Resp: 84639

Ion Ratio Lower Upper

156 100

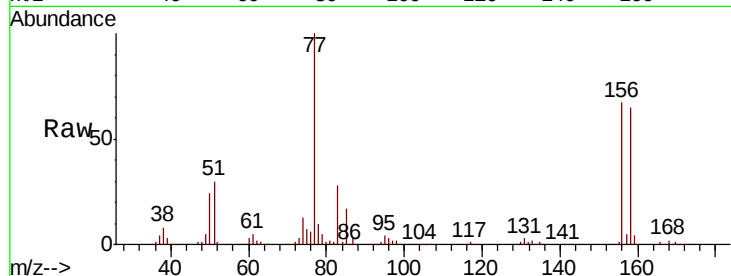
77 147.7 71.5 214.3

158 97.0 48.9 146.8

Manual Integrations
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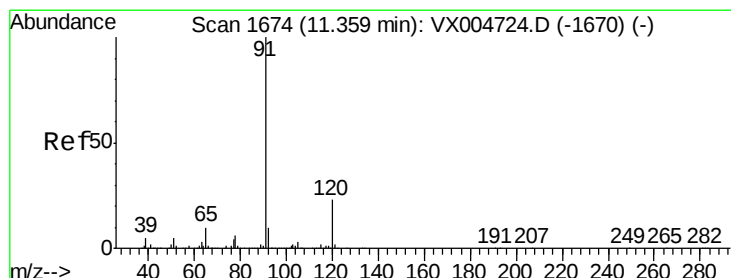
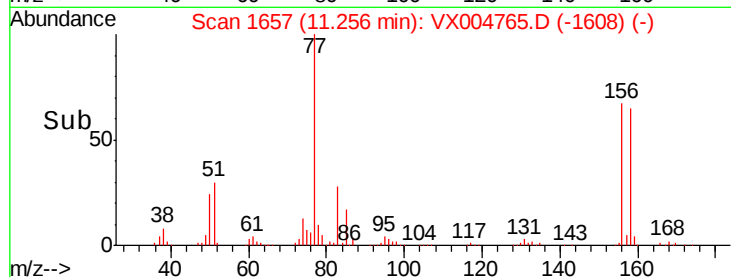
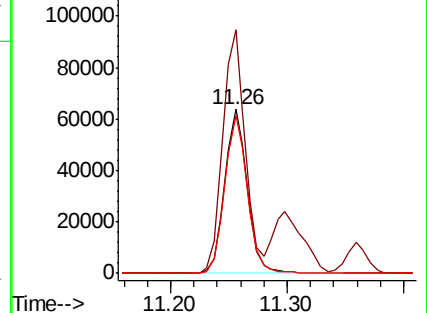
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.003 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004765.D

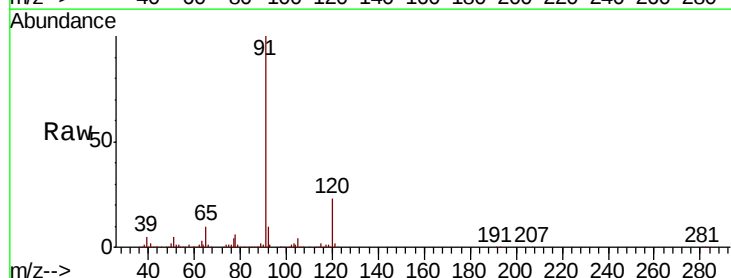
Acq: 27 Sep 2018 11:16

Tgt Ion: 91 Resp: 371890

Ion Ratio Lower Upper

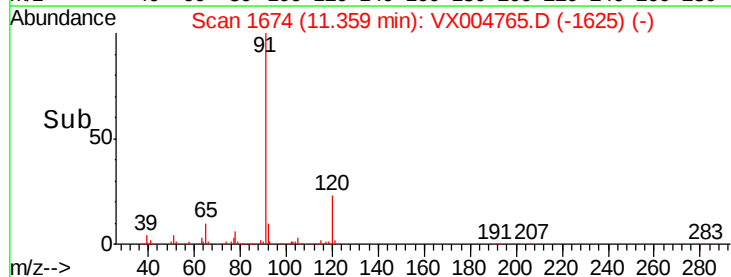
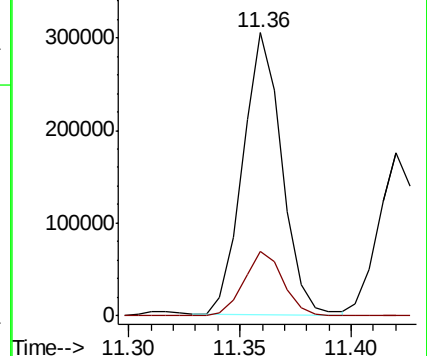
91 100

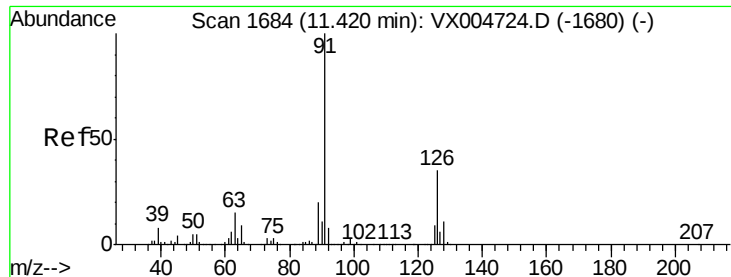
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.757 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 91 Resp: 218671

Ion Ratio Lower Upper

91 100

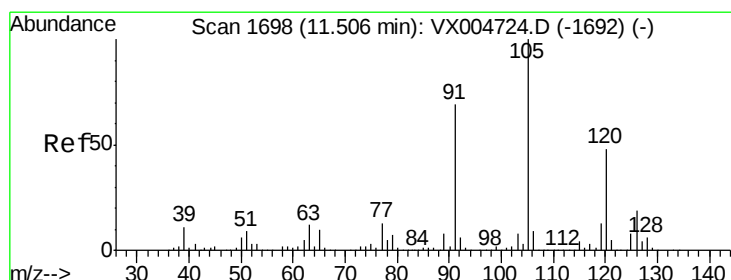
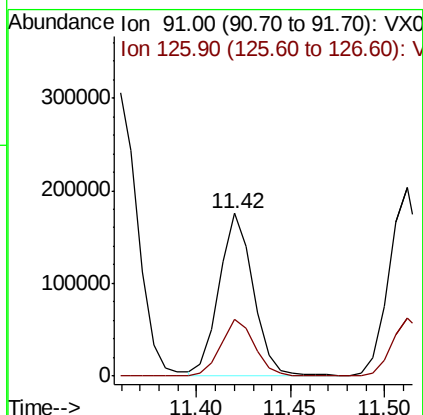
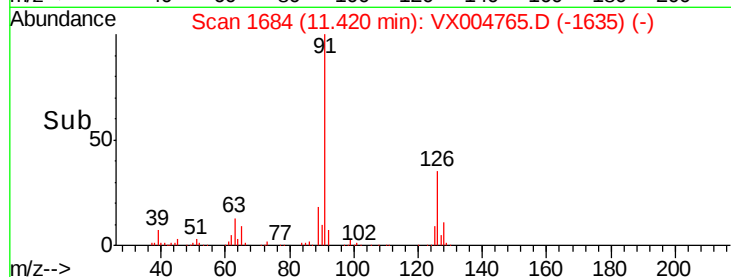
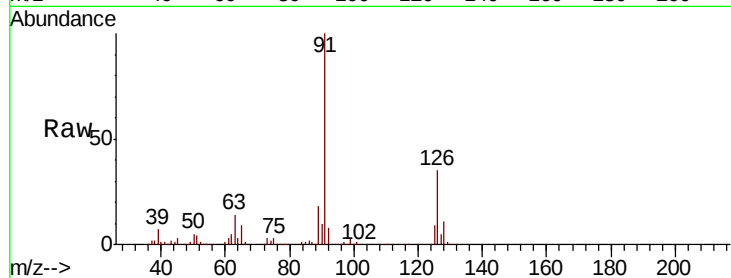
126 35.1 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.803 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004765.D

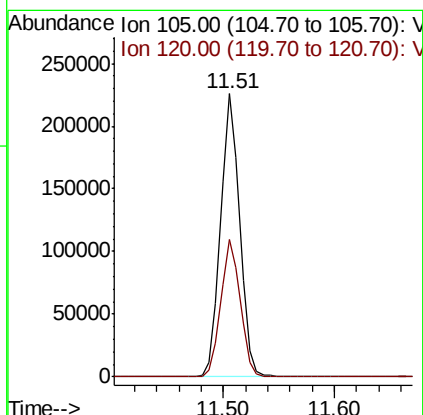
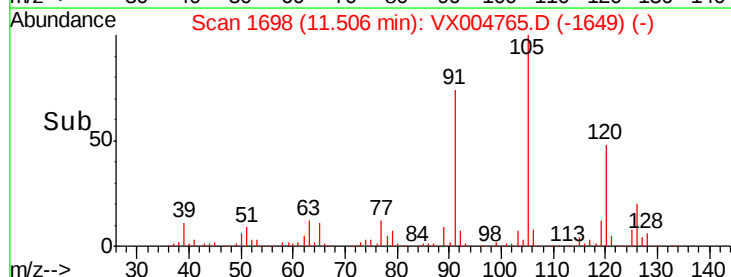
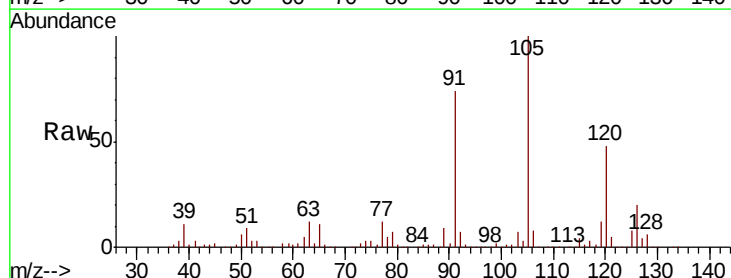
Acq: 27 Sep 2018 11:16

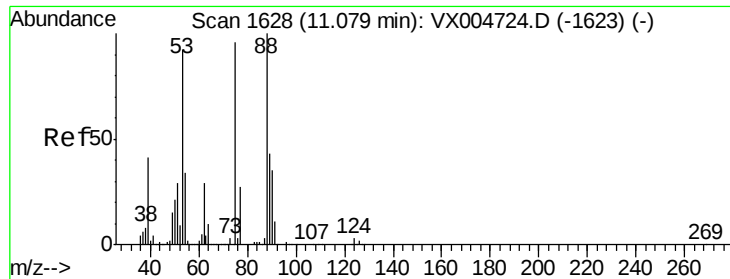
Tgt Ion:105 Resp: 268977

Ion Ratio Lower Upper

105 100

120 49.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.916 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 75 Resp: 29857

Ion Ratio Lower Upper

75 100

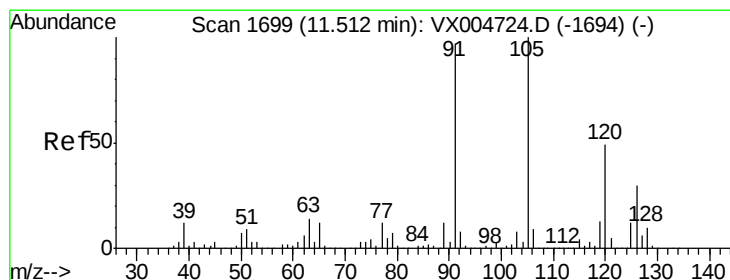
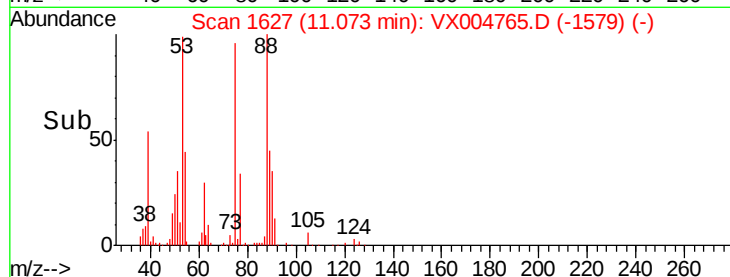
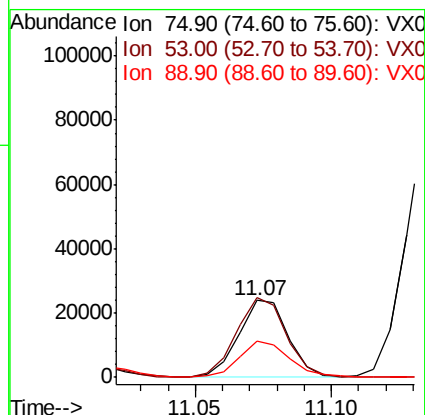
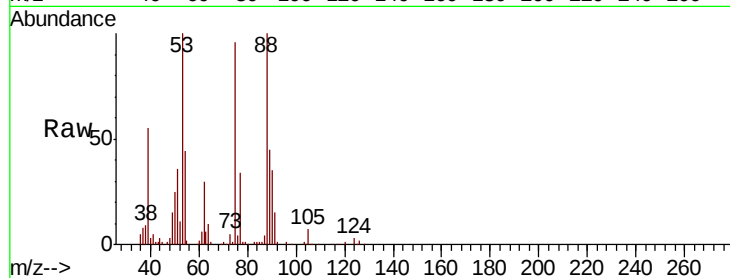
53 104.7 80.1 120.1

89 48.0 37.2 55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.817 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004765.D

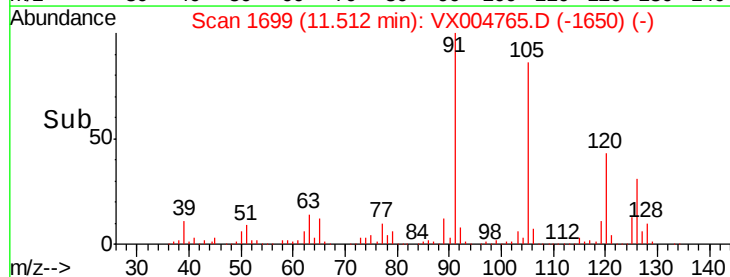
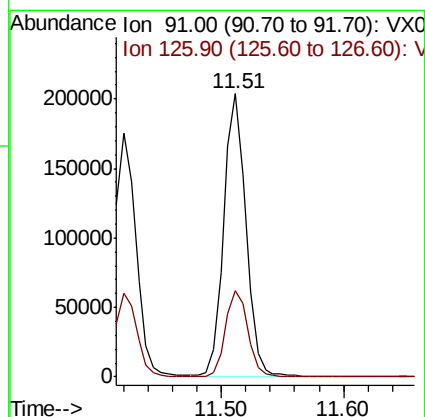
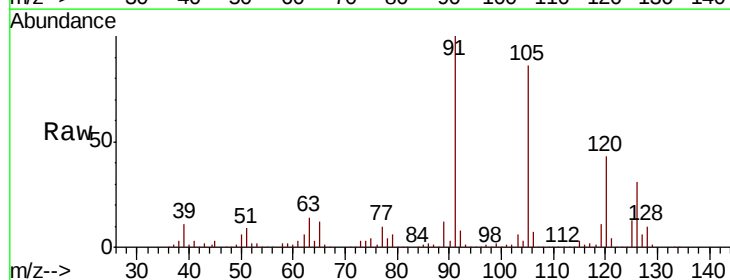
Acq: 27 Sep 2018 11:16

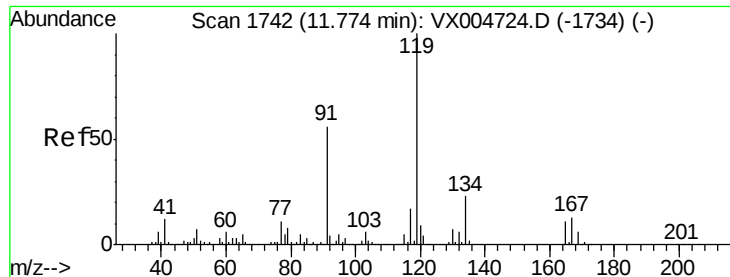
Tgt Ion: 91 Resp: 258139

Ion Ratio Lower Upper

91 100

126 30.6 15.5 46.5





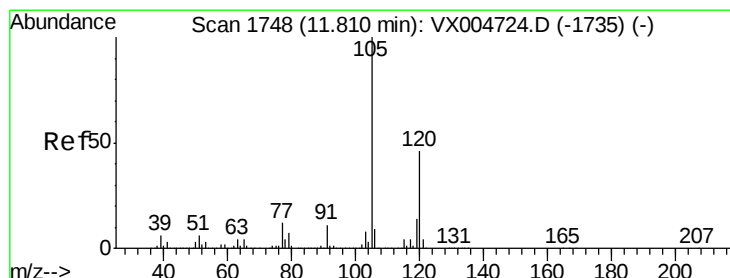
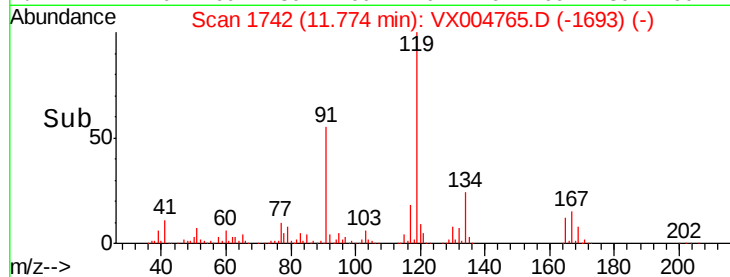
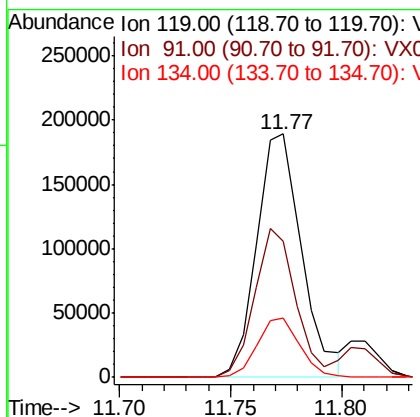
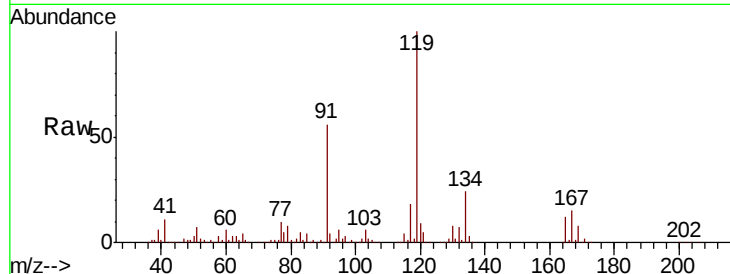
#83
 tert-Butylbenzene
 Concen: 21.945 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	266148		
91	55.4	27.0	81.0	
134	23.3	11.7	35.1	

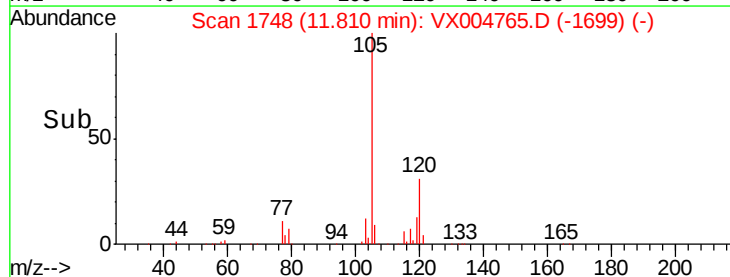
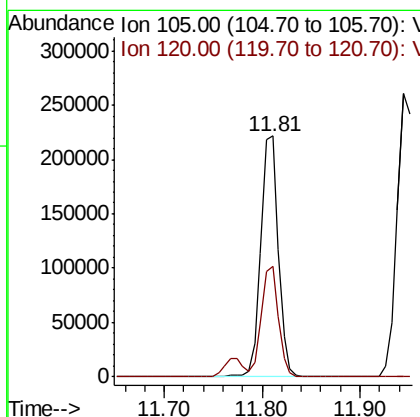
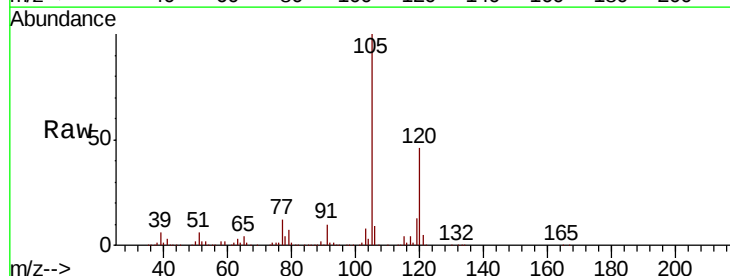
Manual Integrations
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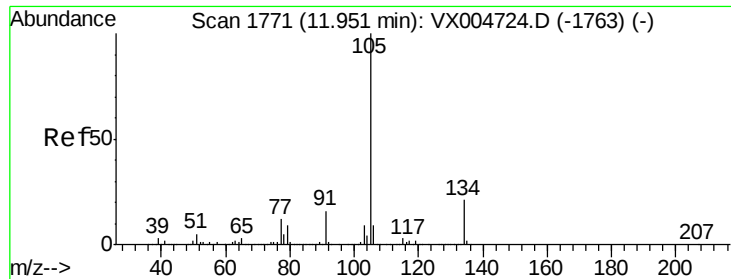
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.848 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	278017		
120	44.7	23.2	69.6	





#85

sec-Butylbenzene

Concen: 22.151 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS01

Tot Ion:105 Resp: 327223

Ion Ratio Lower Upper

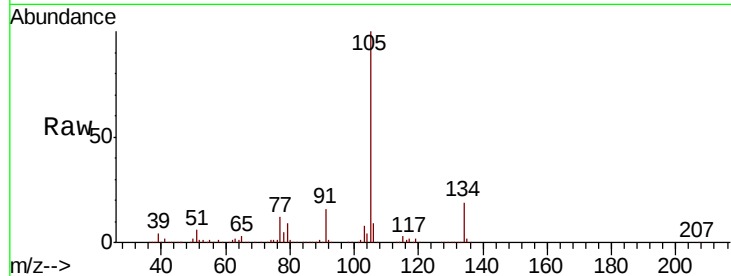
105 100

134 20.2 10.5 31.5

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

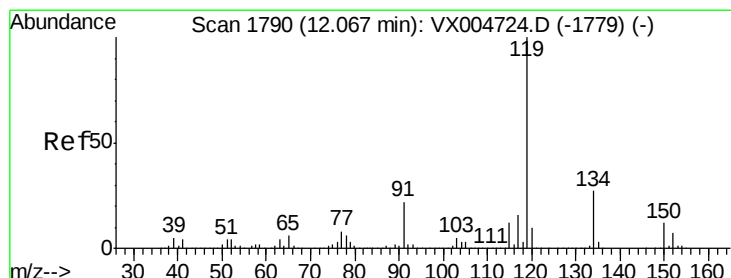
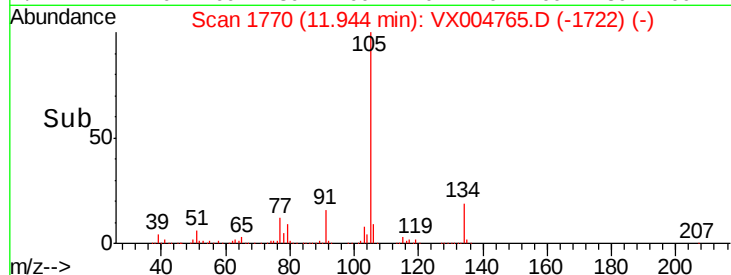
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.814 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

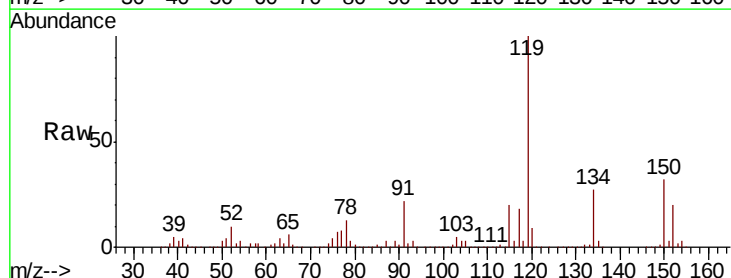
Tgt Ion:119 Resp: 291959

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.8 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

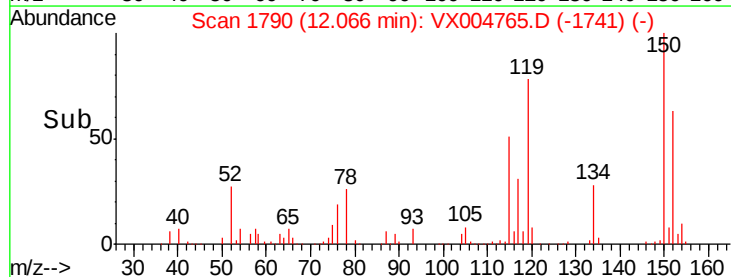
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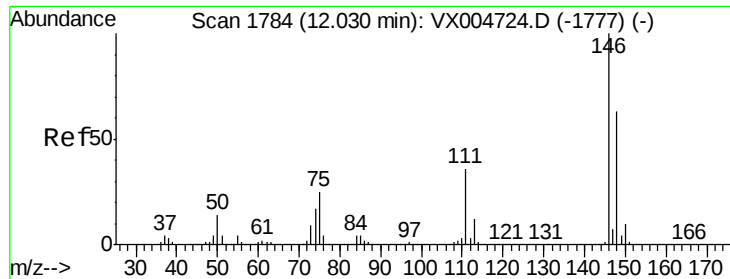
200000

100000

0

Time-->





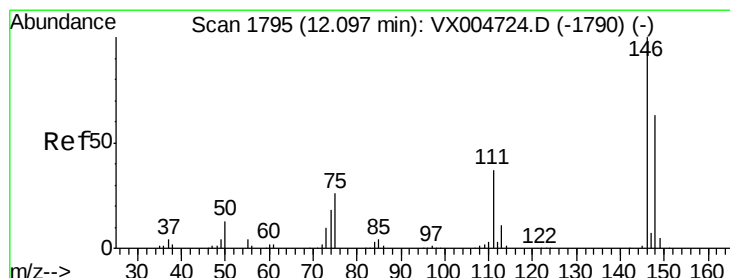
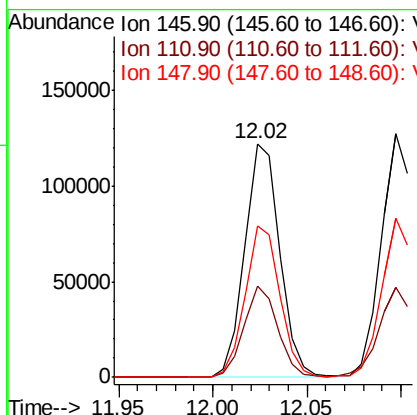
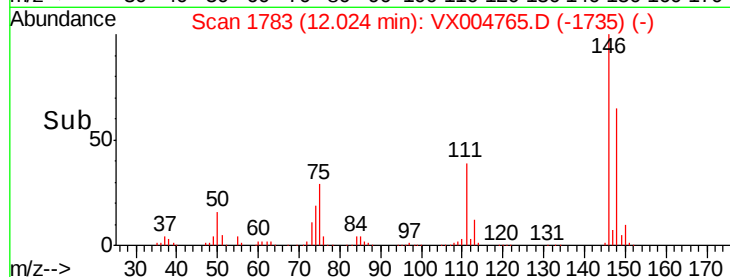
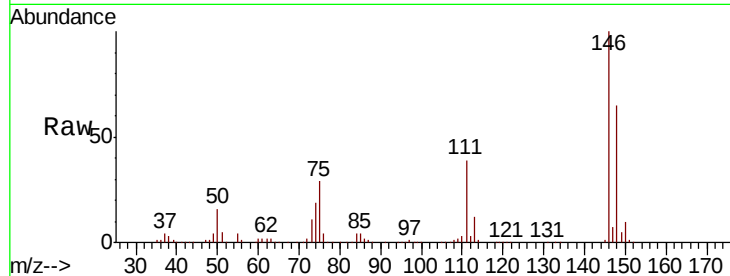
#87
 1,3-Dichlorobenzene
 Concen: 19.774 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.7	56.1
148	64.1	32.1	96.5

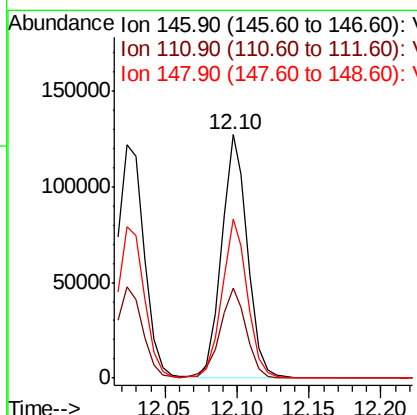
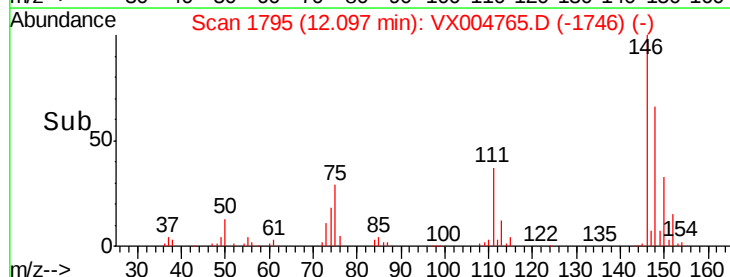
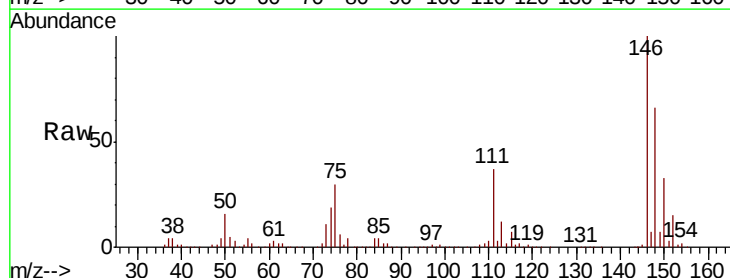
Manual Integrations
 APPROVED

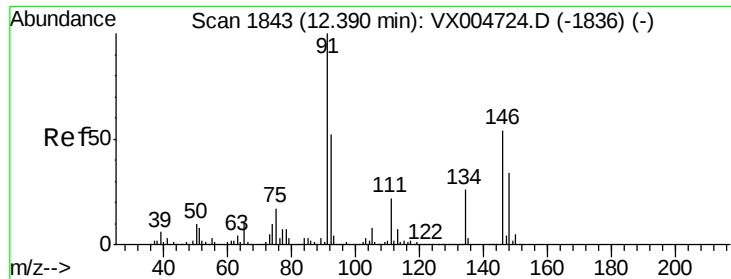
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 19.368 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.1	54.1
148	64.6	32.0	96.0





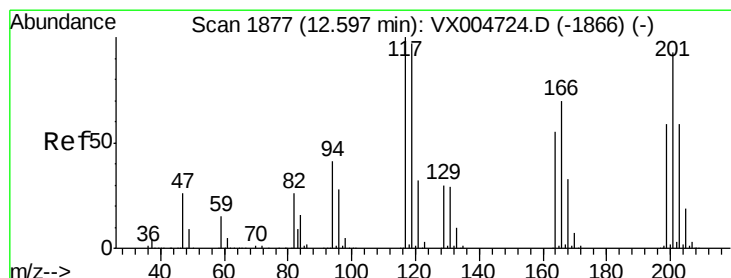
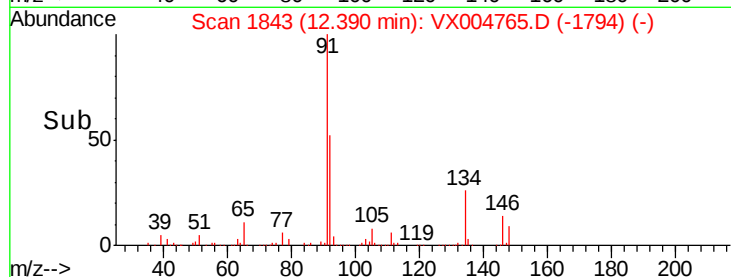
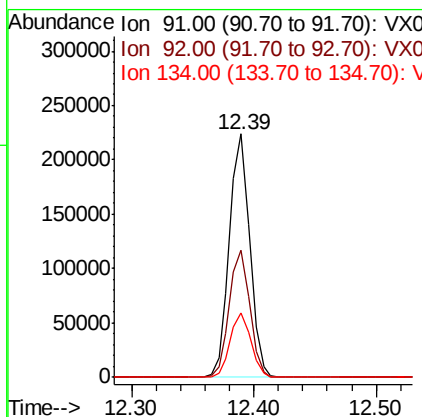
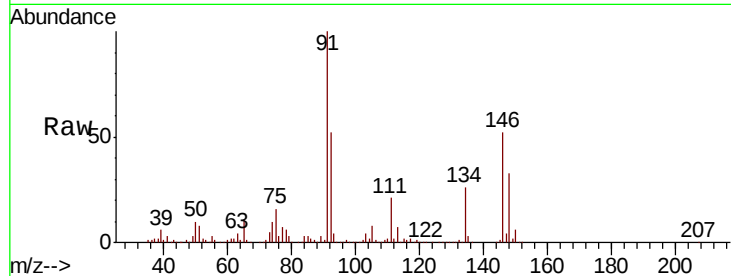
#89
n-Butylbenzene
Concen: 21.239 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.4	27.3	81.9	
134	26.6	13.6	40.7	

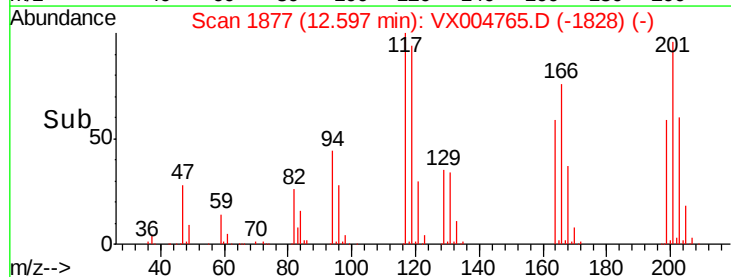
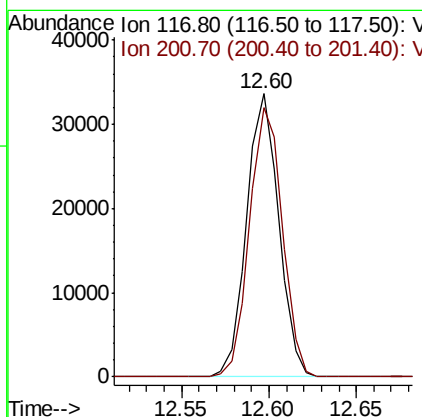
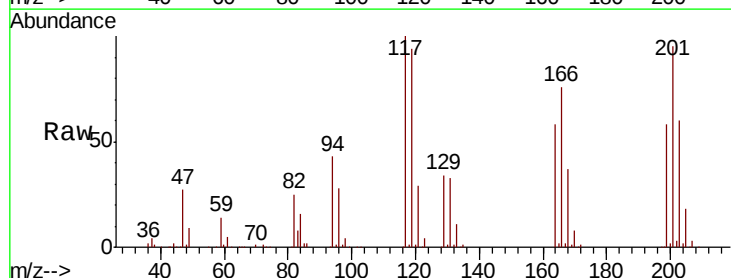
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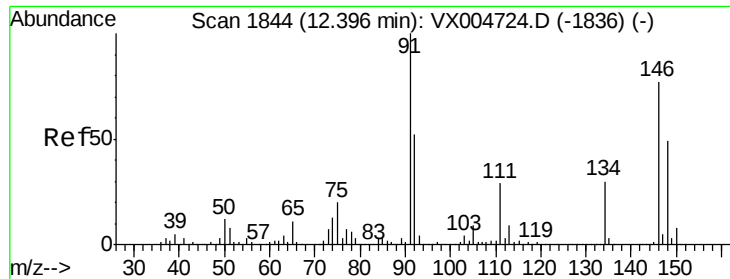
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#90
Hexachloroethane
Concen: 19.277 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	97.2	46.9	140.6	





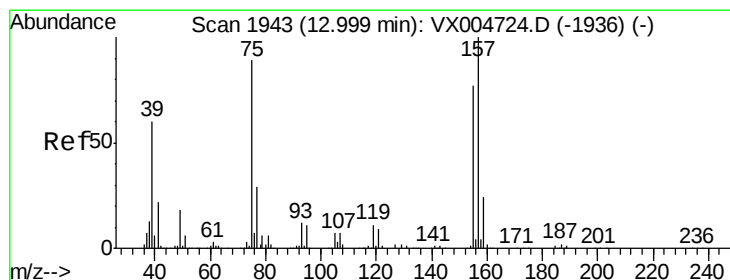
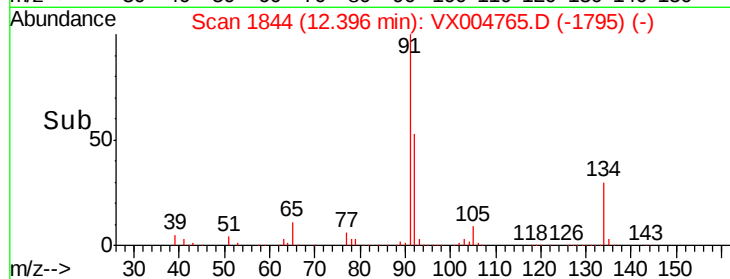
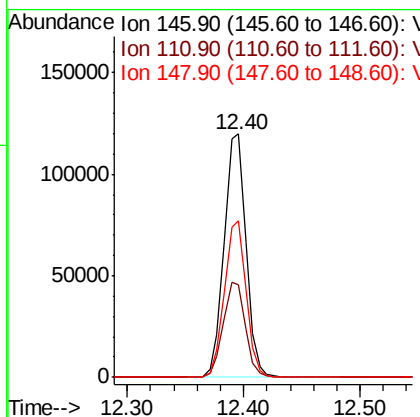
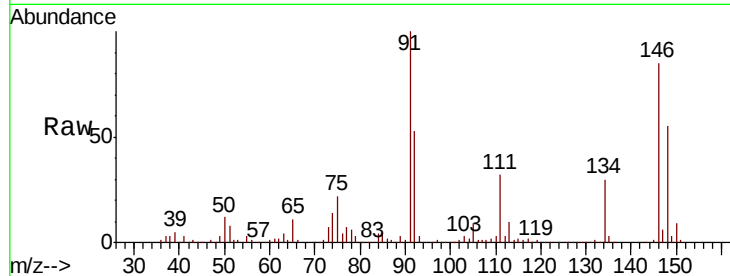
#91
 1,2-Dichlorobenzene
 Concen: 18.654 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.1
148	63.7	32.8	98.3

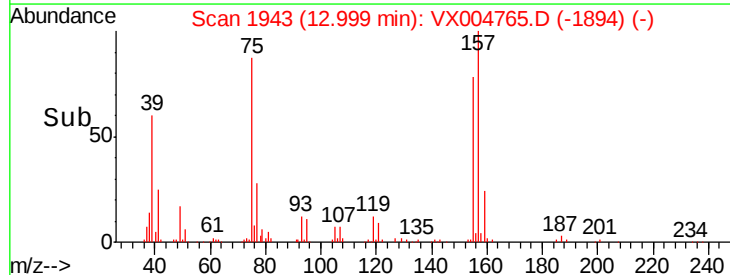
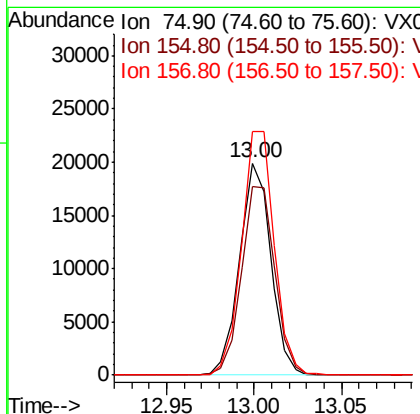
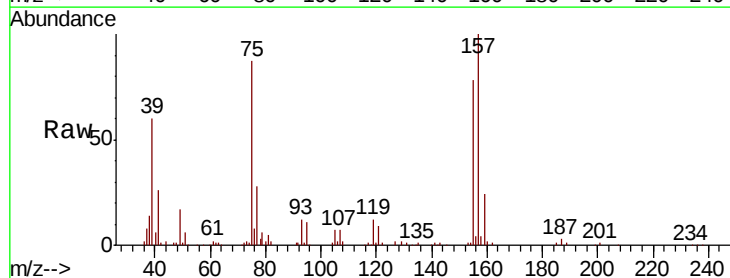
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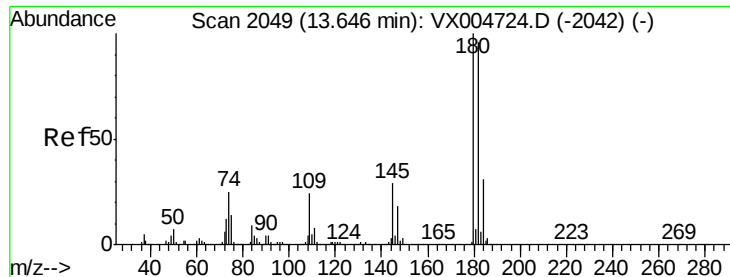
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.821 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	48.0	144.2
157	119.4	61.4	184.1





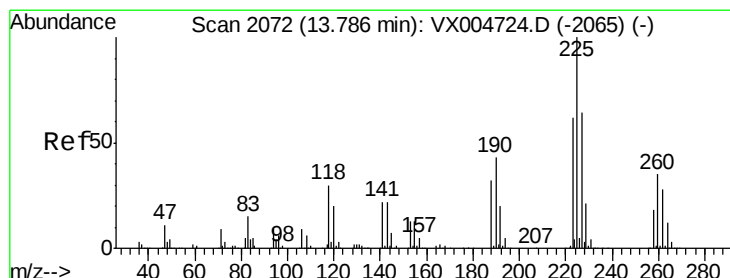
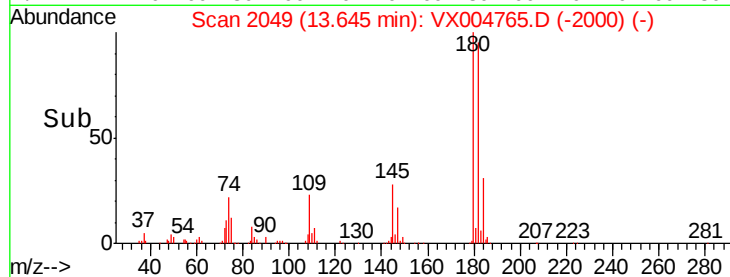
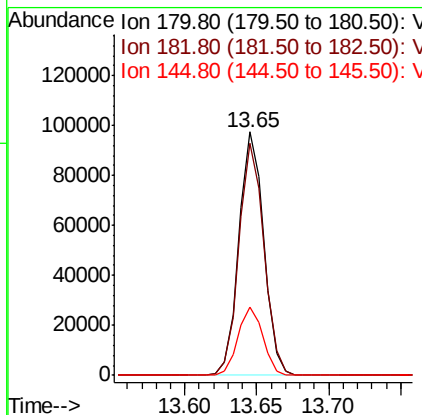
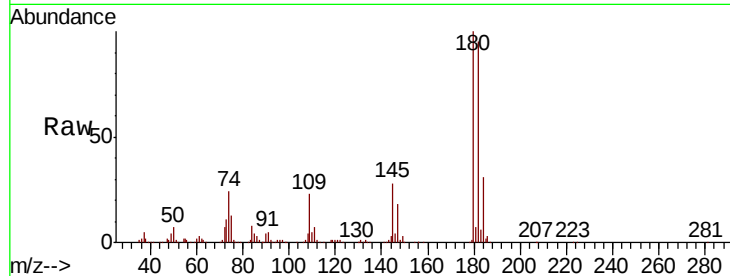
#93
 1,2,4-Trichlorobenzene
 Concen: 19.985 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	117047		
182	95.7	48.4	145.0	
145	28.2	14.3	42.9	

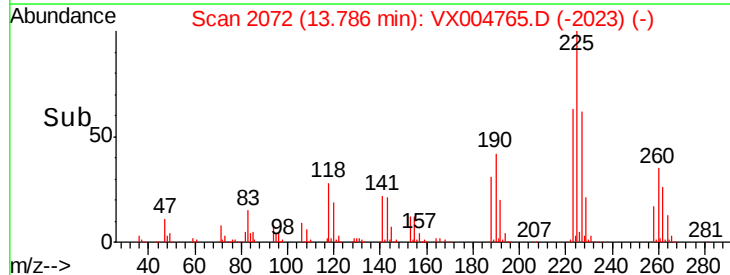
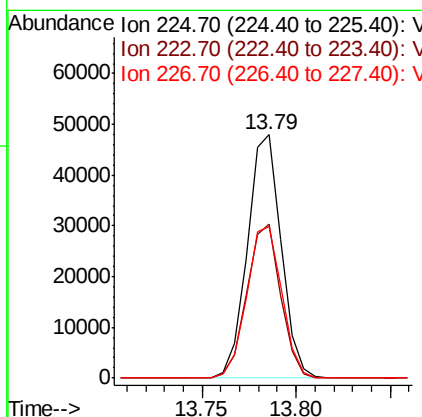
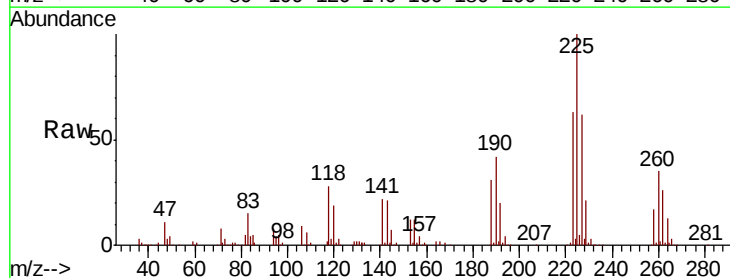
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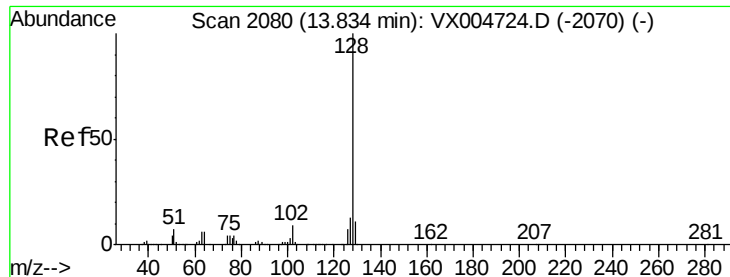
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#94
 Hexachlorobutadiene
 Concen: 19.594 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59508		
223	63.3	30.1	90.5	
227	64.4	30.8	92.4	





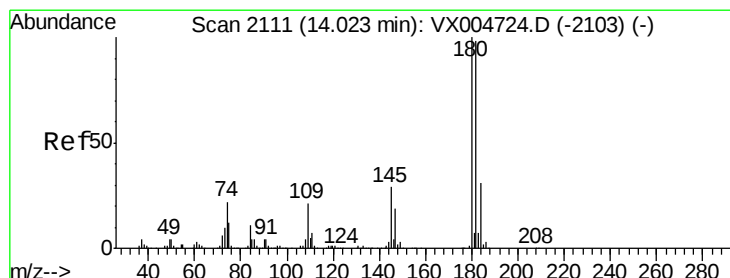
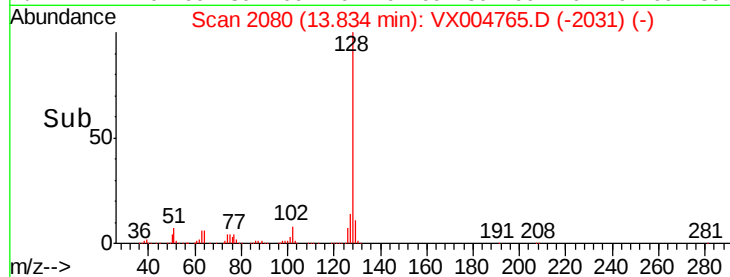
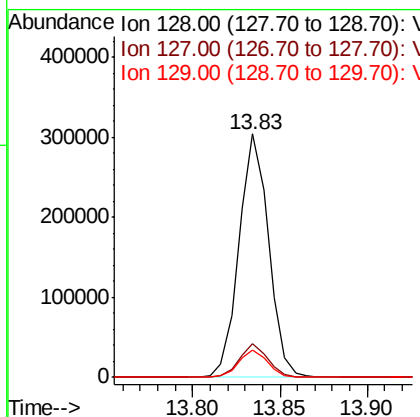
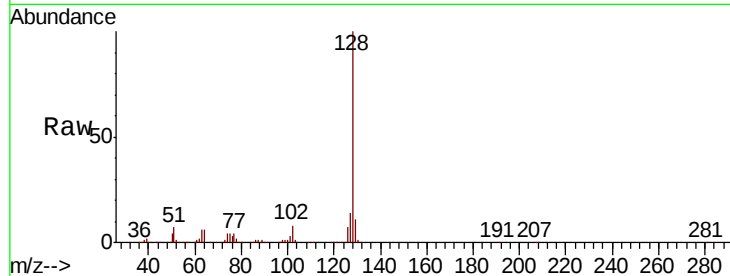
#95
Naphthalene
Concen: 18.832 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	357239		
127	13.0		10.2	15.2
129	10.9		8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.730 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	119369		
182	95.6		48.5	145.6
145	30.4		14.9	44.9

