

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004790.D
 Acq On : 27 Sep 2018 23:17
 Operator : JC/MD
 Sample : VX0927WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Manual Integrations
 APPROVED

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 9/28/2018 2:26:10 PM

Quant Time: Sep 28 07:48:31 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	233641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174653	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	5.50	113	138794	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
50) Toluene-d8	8.71	98	538429	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
62) 4-Bromofluorobenzene	11.14	95	194751	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78542	24.655	ug/l	97
3) Chloromethane	1.32	50	85129	22.026	ug/l	99
4) Vinyl Chloride	1.40	62	82248	22.689	ug/l	99
5) Bromomethane	1.64	94	39267	18.268	ug/l	99
6) Chloroethane	1.71	64	47109	22.570	ug/l	99
7) Trichlorofluoromethane	1.93	101	102599	22.863	ug/l	96
8) Diethyl Ether	2.19	74	41604	21.340	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57134	22.350	ug/l	98
10) Methyl Iodide	2.51	142	33404	9.765	ug/l	99
11) Tert butyl alcohol	3.07	59	99312	106.419	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55041	21.742	ug/l	95
13) Acrolein	2.29	56	57658	86.837	ug/l	95
14) Allyl chloride	2.73	41	121919	22.072	ug/l	95
15) Acrylonitrile	3.15	53	224848	109.449	ug/l	98
16) Acetone	2.45	43	198107	101.670	ug/l	96
17) Carbon Disulfide	2.57	76	162872	21.411	ug/l	99
18) Methyl Acetate	2.78	43	113510	22.992	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	199247	22.817	ug/l	98
20) Methylene Chloride	2.85	84	64793	22.407	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	58749	21.199	ug/l	92
22) Diisopropyl ether	3.87	45	205905	22.137	ug/l	94
23) Vinyl Acetate	3.82	43	918172	107.841	ug/l	95
24) 1,1-Dichloroethane	3.70	63	112363	20.251	ug/l	98
25) 2-Butanone	4.70	43	299425	104.249	ug/l	94
26) 2,2-Dichloropropane	4.58	77	68989	17.856	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63337	20.459	ug/l	95
28) Bromochloromethane	5.02	49	53608	20.517	ug/l	87
29) Tetrahydrofuran	5.15	42	197301	110.522	ug/l	92
30) Chloroform	5.21	83	109184	20.822	ug/l	98
31) Cyclohexane	5.57	56	97105	22.867	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	93291	21.784	ug/l	98
36) 1,1-Dichloropropene	5.80	75	81526	19.679	ug/l	99
37) Ethyl Acetate	4.86	43	107524	19.553	ug/l	99
38) Carbon Tetrachloride	5.78	117	80079	18.389	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0927WBS02

Manual Integrations
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Quant Time: Sep 28 07:48:31 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	89365	21.126	ug/l	94
40) Benzene	6.14	78	248613	19.169	ug/l	99
41) Methacrylonitrile	5.06	41	59372	19.469	ug/l	96
42) 1,2-Dichloroethane	6.20	62	88950	19.401	ug/l	98
43) Isopropyl Acetate	6.46	43	153742	19.370	ug/l	96
44) Trichloroethene	7.21	130	65002	20.388	ug/l	93
45) 1,2-Dichloropropane	7.51	63	65865	20.709	ug/l	99
46) Dibromomethane	7.66	93	42385	21.205	ug/l	97
47) Bromodichloromethane	7.90	83	79406	21.218	ug/l	97
48) Methyl methacrylate	7.77	41	80928	22.464	ug/l	94
49) 1,4-Dioxane	7.76	88	37319	416.971	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	566395	113.335	ug/l	93
52) Toluene	8.79	92	153500	21.539	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	84402	19.958	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	94527	21.340	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	63983	20.496	ug/l	96
56) Ethyl methacrylate	9.18	69	94604	20.469	ug/l	93
57) 1,3-Dichloropropane	9.37	76	107506	20.692	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	273265	110.049	ug/l	94
59) 2-Hexanone	9.50	43	440238	105.711	ug/l	93
60) Dibromochloromethane	9.59	129	61976	19.852	ug/l	100
61) 1,2-Dibromoethane	9.67	107	66233	19.812	ug/l	99
64) Tetrachloroethene	9.34	164	63276	18.824	ug/l	93
65) Chlorobenzene	10.14	112	169635	19.369	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	59211	19.231	ug/l	99
67) Ethyl Benzene	10.26	91	279902	20.130	ug/l	98
68) m/p-Xylenes	10.36	106	221851	40.831	ug/l	94
69) o-Xylene	10.70	106	106604	21.361	ug/l	97
70) Styrene	10.71	104	177886	20.383	ug/l	97
71) Bromoform	10.86	173	49573	18.806	ug/l #	98
73) Isopropylbenzene	11.02	105	285602	22.230	ug/l	99
74) N-amyl acetate	10.90	43	136707	20.430	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	102819	19.660	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	93964m	20.568	ug/l	
77) Bromobenzene	11.26	156	77034	20.643	ug/l	97
78) n-propylbenzene	11.36	91	330294	22.406	ug/l	98
79) 2-Chlorotoluene	11.42	91	199197	21.679	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239130	20.190	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	25466	16.586	ug/l	97
82) 4-Chlorotoluene	11.51	91	233120	21.555	ug/l	100
83) tert-Butylbenzene	11.77	119	232695	21.998	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	250134	20.481	ug/l	98
85) sec-Butylbenzene	11.94	105	283726	22.021	ug/l	98
86) p-Isopropyltoluene	12.07	119	254531	21.805	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	140468	20.159	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	143435	19.941	ug/l	98
89) n-Butylbenzene	12.39	91	219569	20.711	ug/l	97
90) Hexachloroethane	12.60	117	38926	20.028	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	141977	19.497	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23035	20.060	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

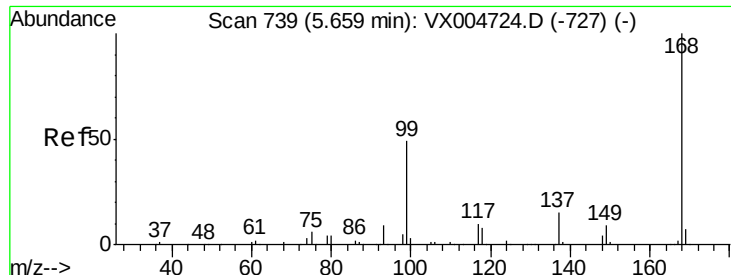
Manual Integrations
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Quant Time: Sep 28 07:48:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101886	19.946	ug/l	98
94) Hexachlorobutadiene	13.79	225	48924	18.470	ug/l	96
95) Naphthalene	13.83	128	326142	19.679	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107080	20.293	ug/l	99

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



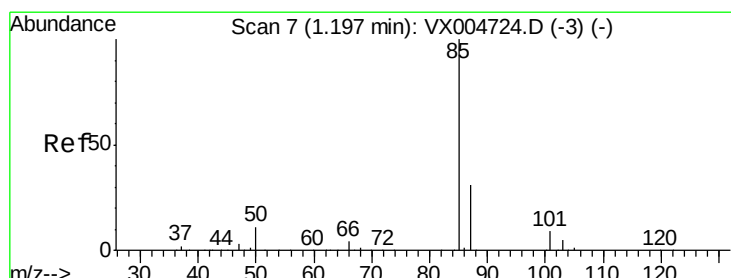
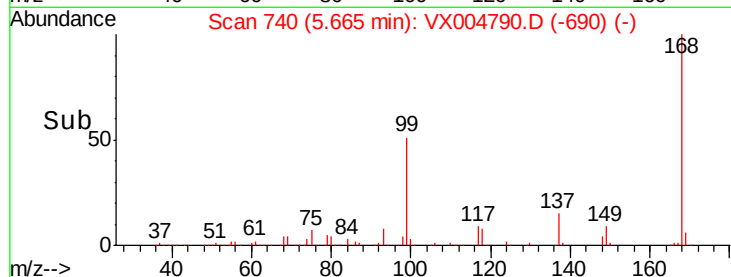
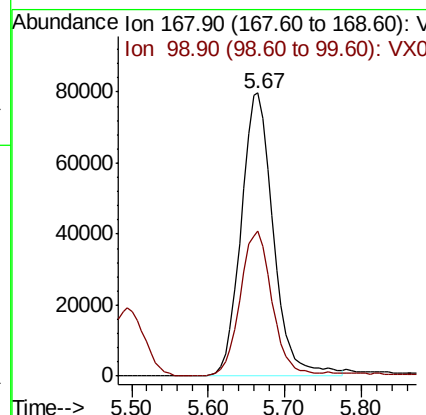
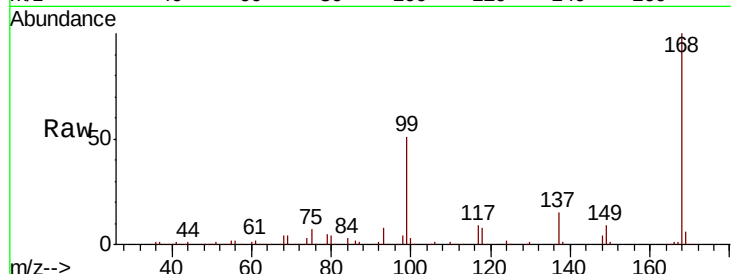
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ratio	Resp	Lower	Upper
168	100	233641		
99	51.2	39.9	59.9	

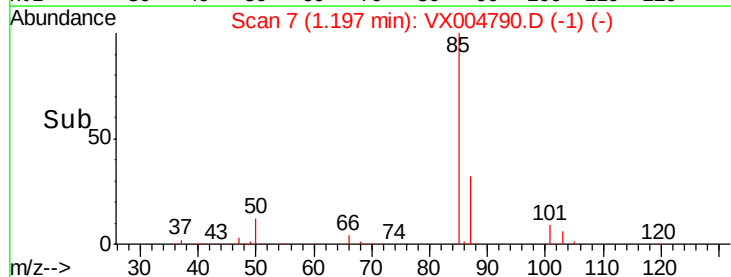
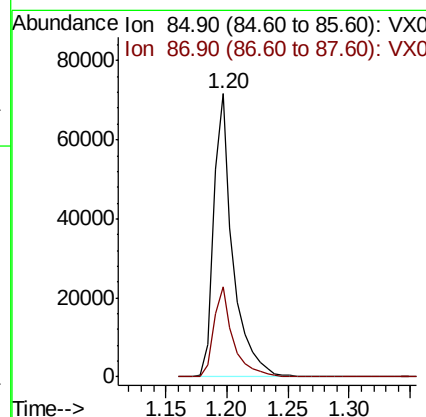
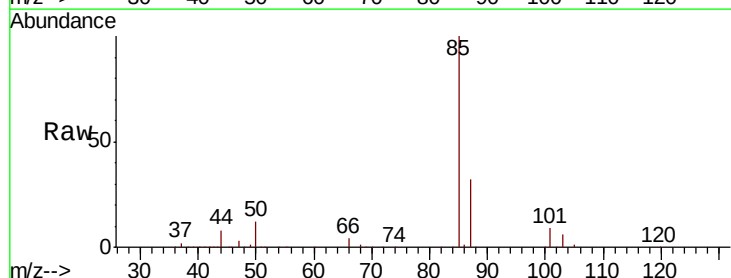
Manual Integrations
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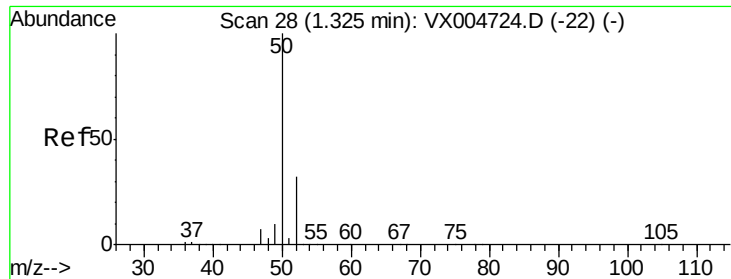
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#2
Dichlorodifluoromethane
Concen: 24.655 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	78542		
87	32.0	17.0	50.9	





#3

Chloromethane

Concen: 22.026 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

Tot Ion: 50 Resp: 85129

Ion Ratio Lower Upper

50 100

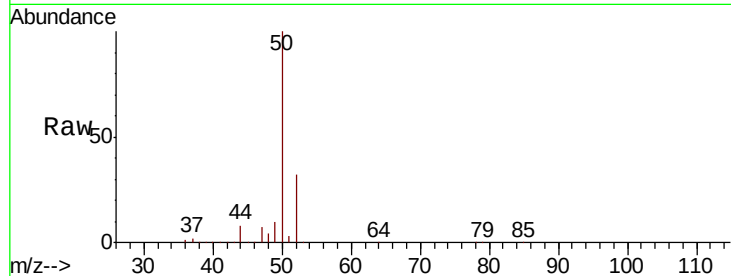
52 32.3 26.2 39.2

Manual Integrations

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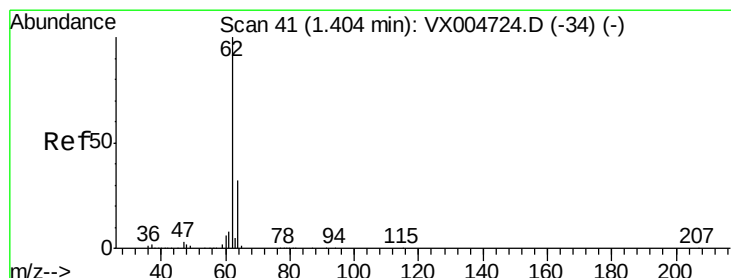
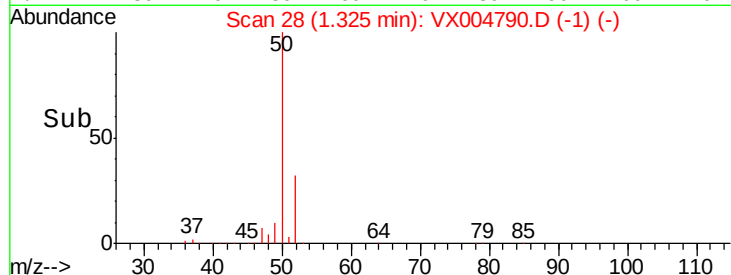
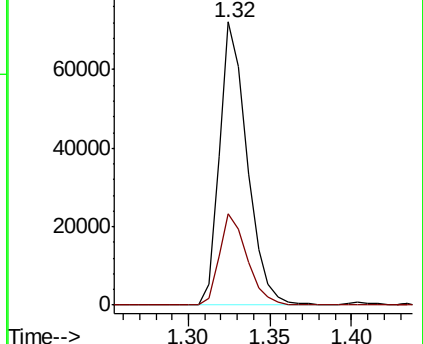
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.689 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004790.D

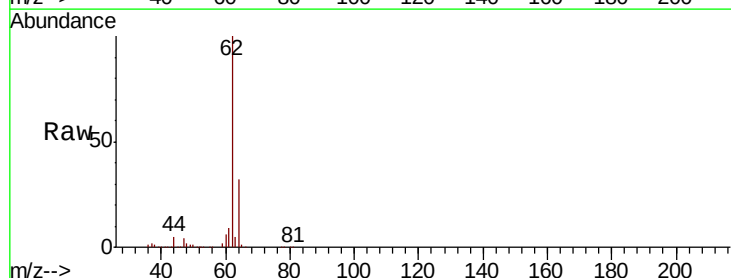
Acq: 27 Sep 2018 23:17

Tgt Ion: 62 Resp: 82248

Ion Ratio Lower Upper

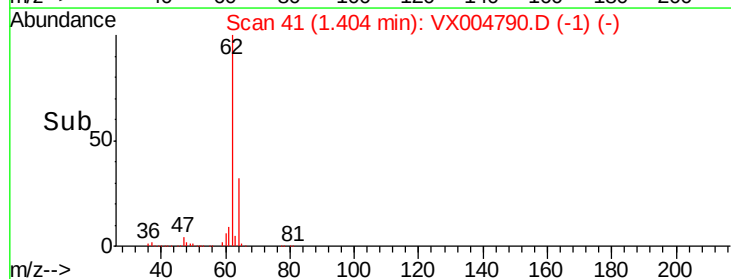
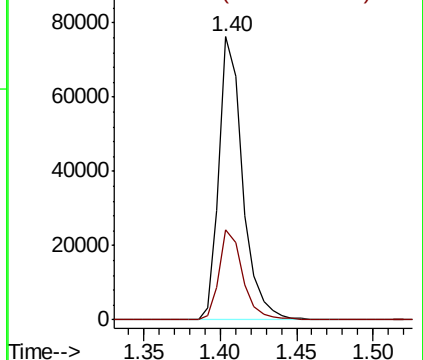
62 100

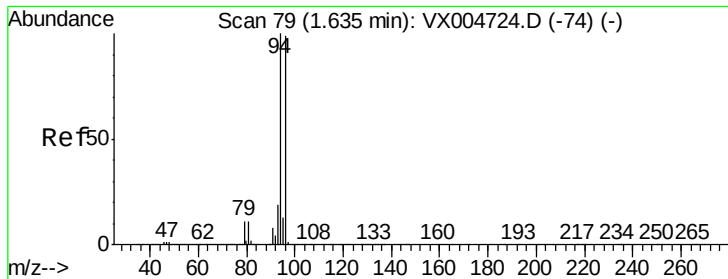
64 31.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.268 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

Tot Ion: 94 Resp: 39267

Ion Ratio Lower Upper

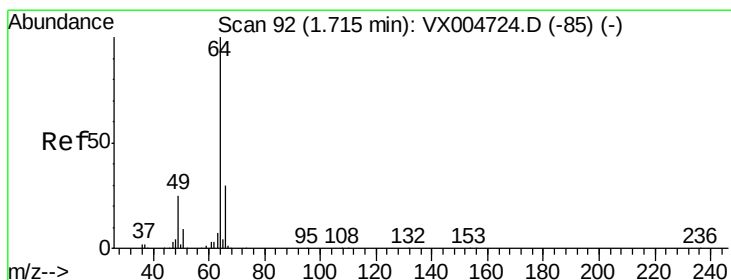
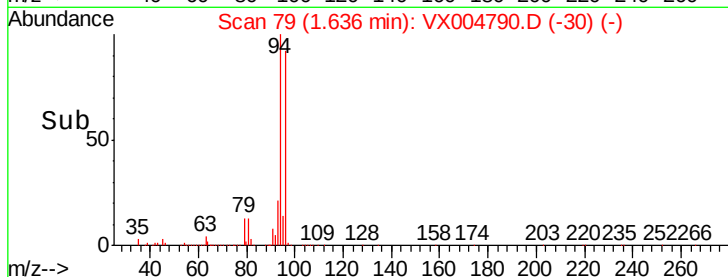
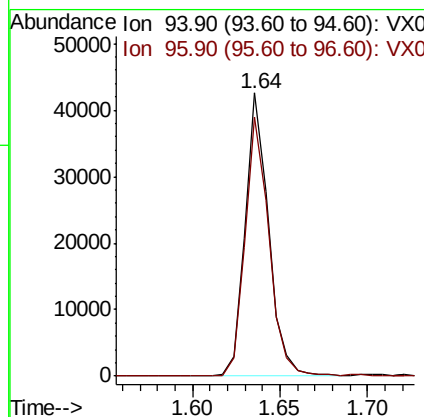
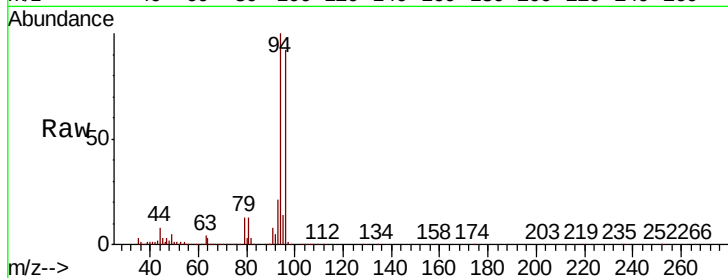
94 100

96 91.7 74.5 111.7

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#6

Chloroethane

Concen: 22.570 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004790.D

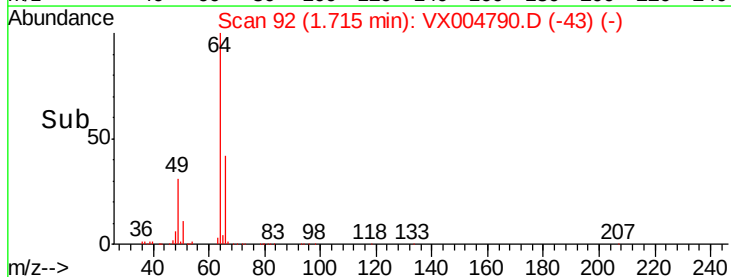
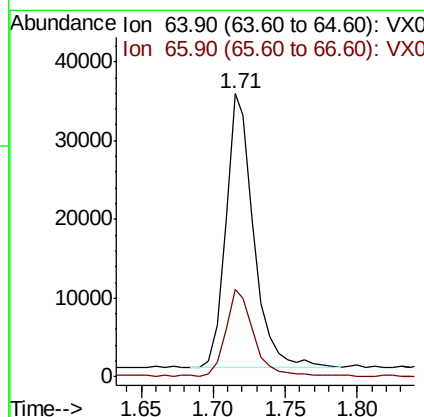
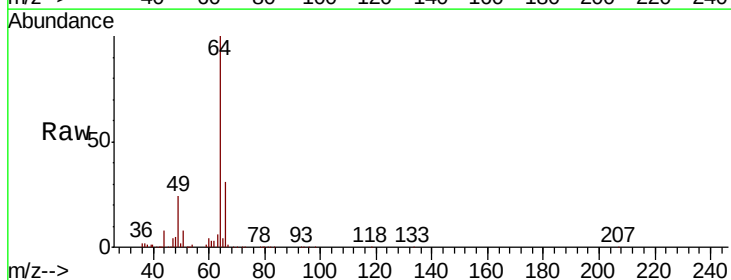
Acq: 27 Sep 2018 23:17

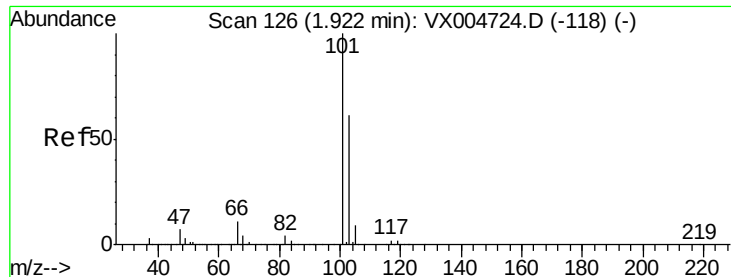
Tgt Ion: 64 Resp: 47109

Ion Ratio Lower Upper

64 100

66 31.3 24.6 36.8





#7

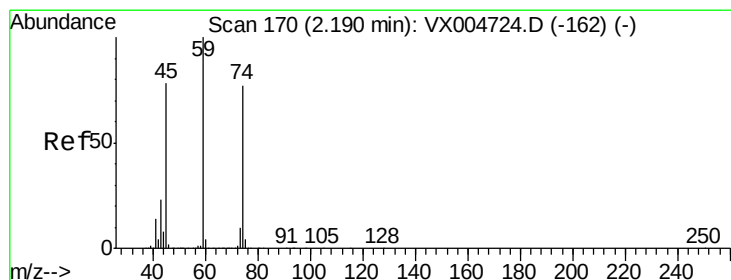
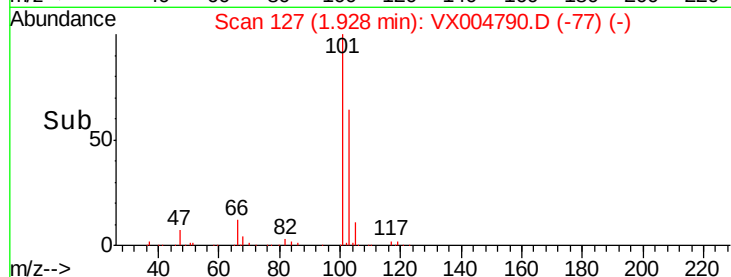
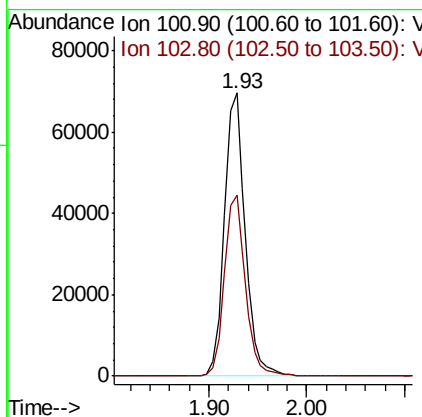
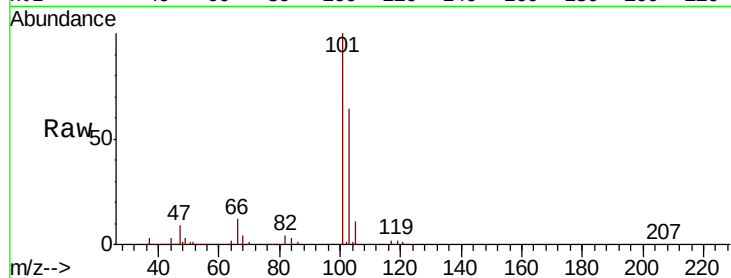
Trichlorofluoromethane
 Concen: 22.863 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
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 ClientSampleId :
 VX0927WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	102599		
103	63.9	48.9	73.3	

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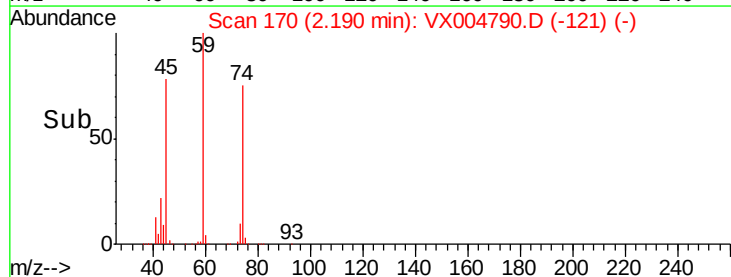
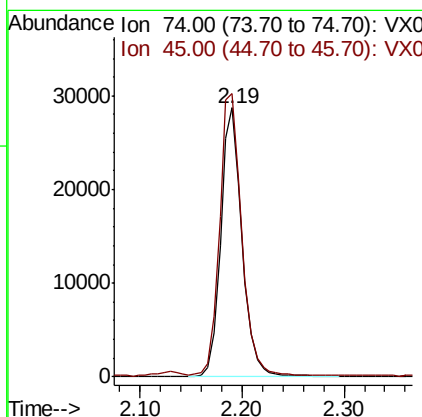
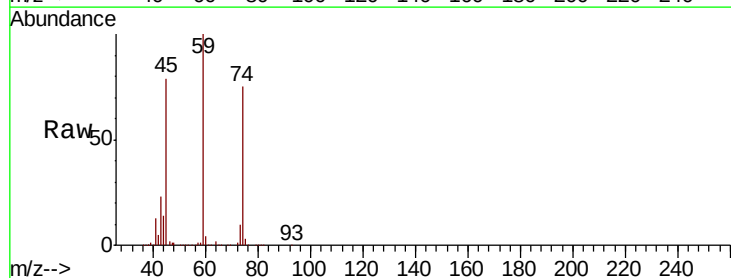
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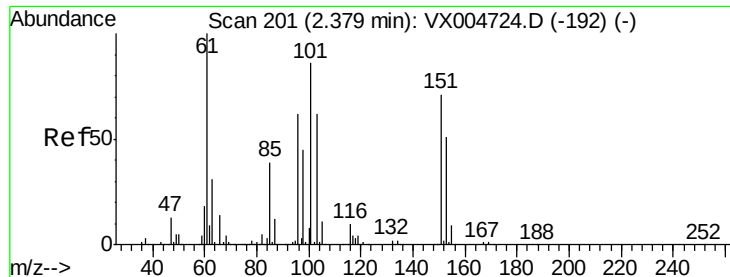


#8

Diethyl Ether
 Concen: 21.340 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	41604		
45	109.4	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.350 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

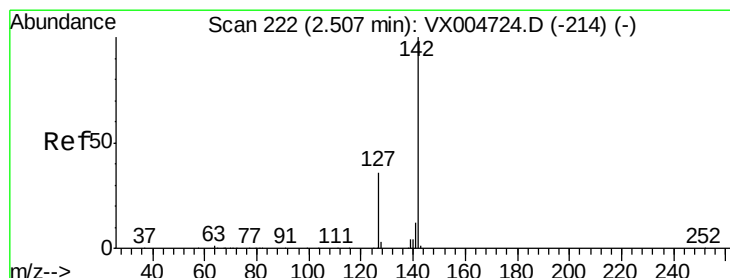
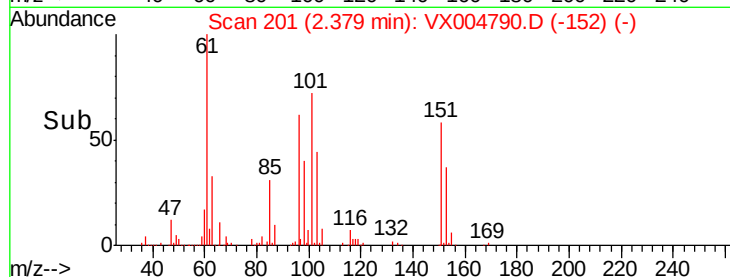
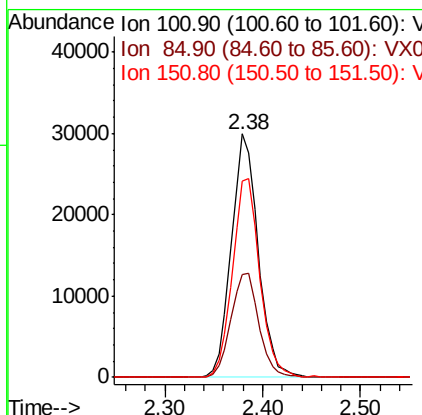
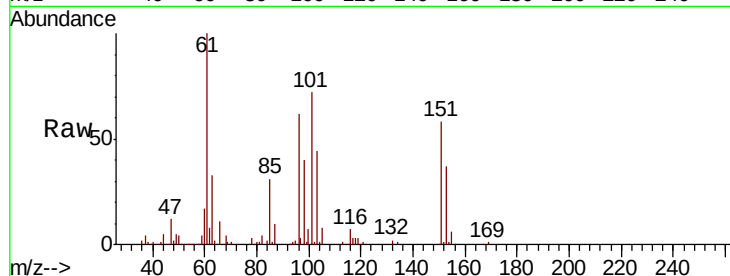
ClientSampleId :

VX0927WBS02

Tot Ion:	101	Resp:	57134
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.2	51.4
151	83.2	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 9.765 ug/l

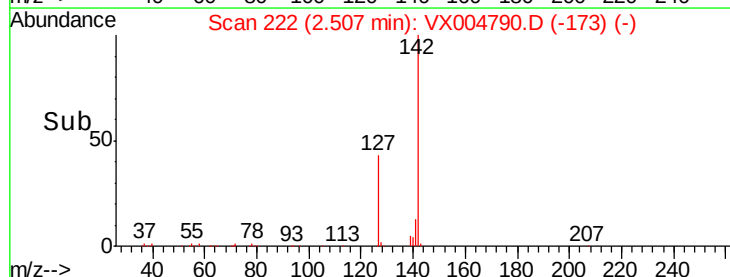
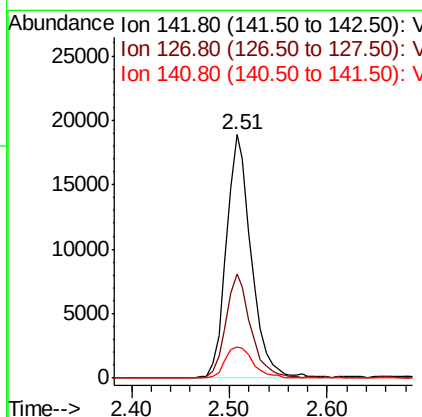
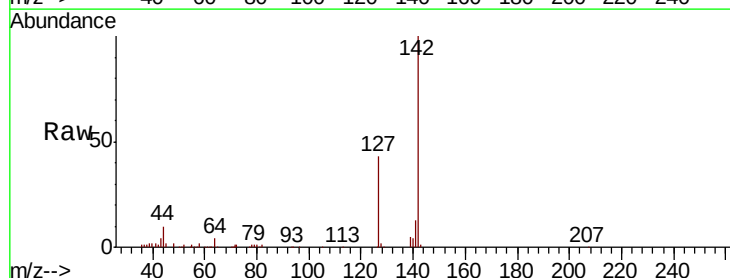
RT: 2.51 min Scan# 222

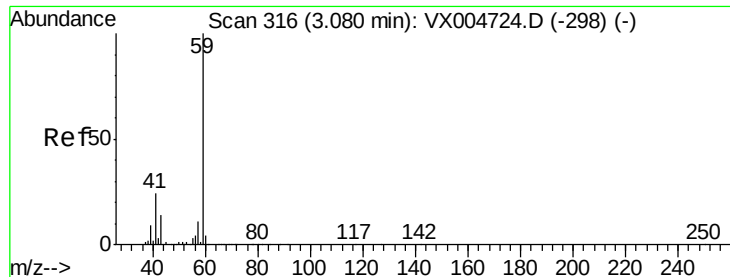
Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tgt Ion:	142	Resp:	33404
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.8	50.6
141	14.2	11.4	17.0





#11

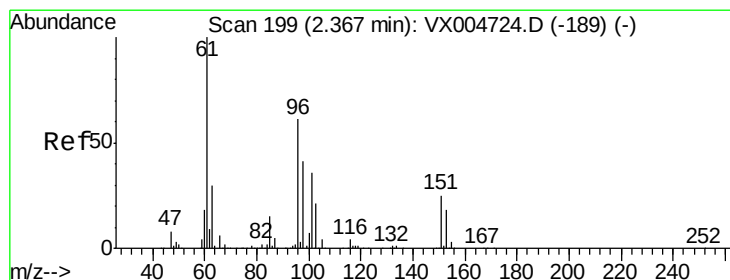
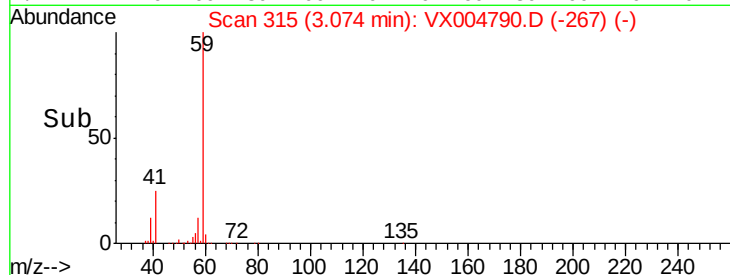
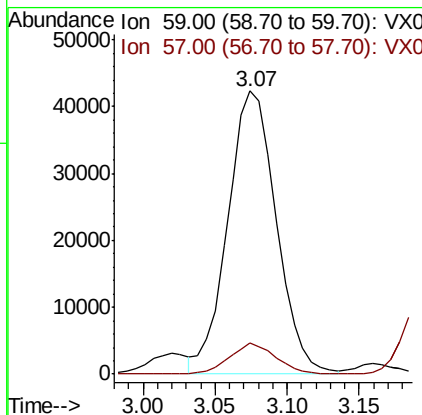
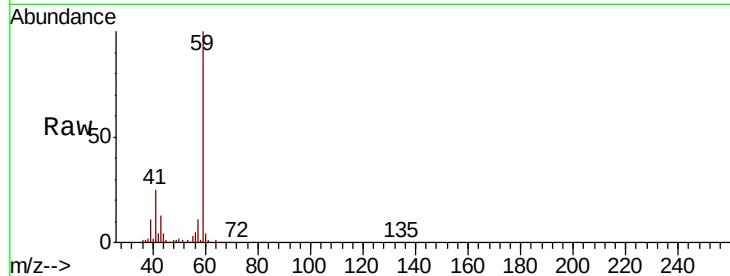
Tert butyl alcohol
 Concen: 106.419 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

Manual Integrations
 APPROVED

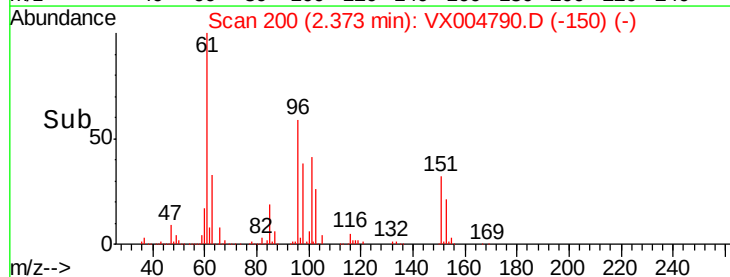
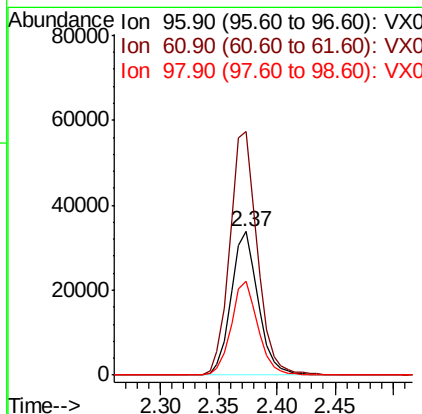
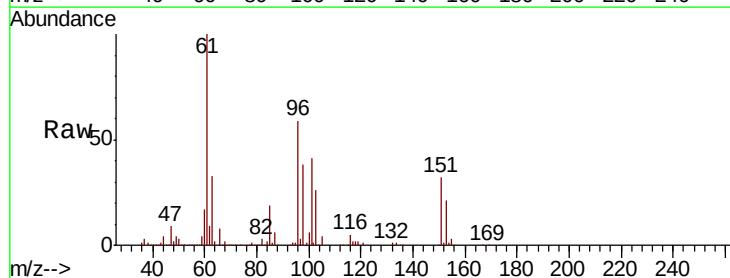
MMDadoda
 9/28/2018 2:26:10 PM

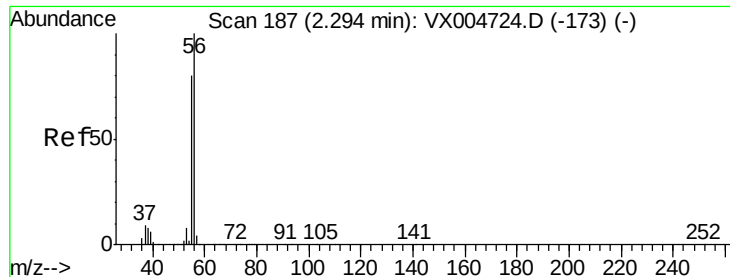


#12

1,1-Dichloroethene
 Concen: 21.742 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.5	128.8	193.2
98	65.1	52.2	78.2





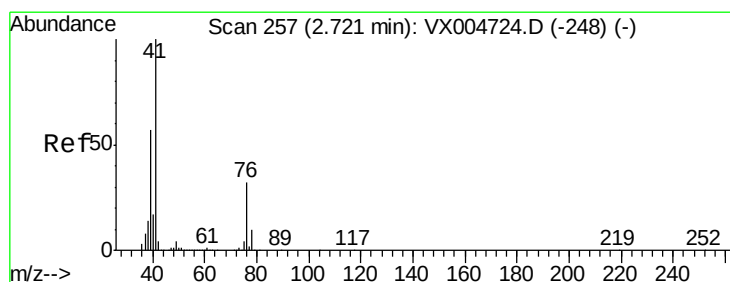
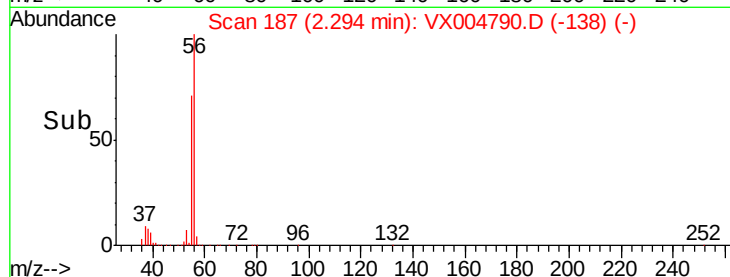
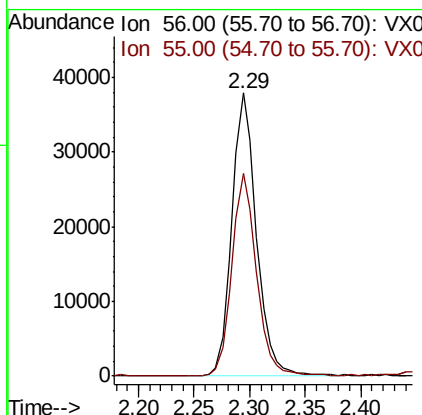
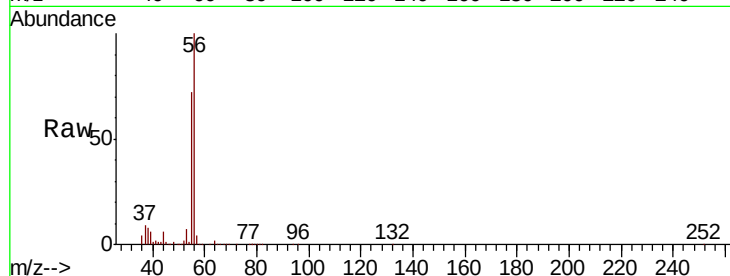
#13
Acrolein
Concen: 86.837 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	72.3	54.7	82.1

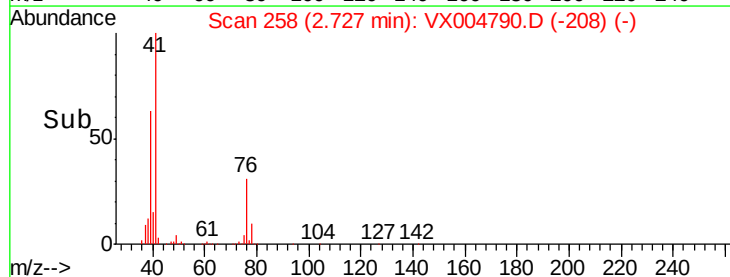
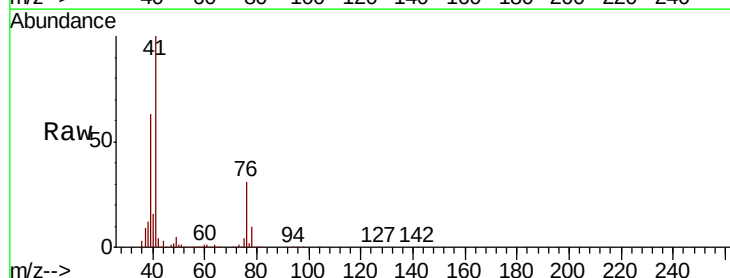
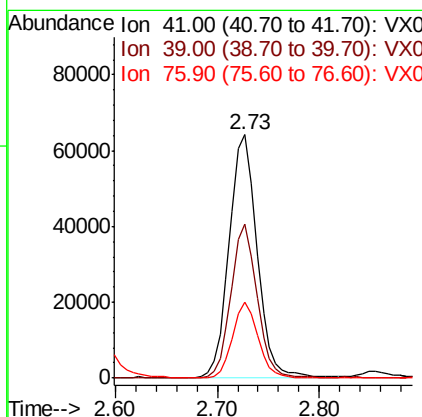
Manual Integrations
APPROVED

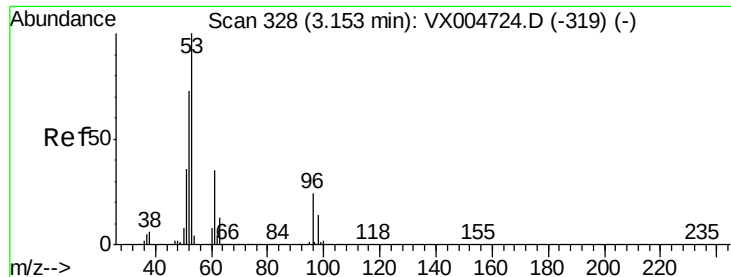
MMDadoda
9/28/2018 2:26:10 PM



#14
Allyl chloride
Concen: 22.072 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	58.6	48.9	73.3
76	76	28.7	26.7	40.1





#15

Acrylonitrile

Concen: 109.449 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

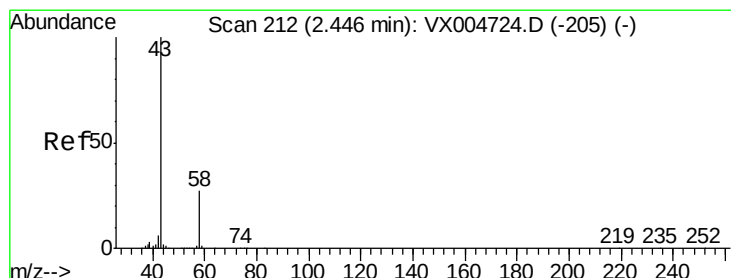
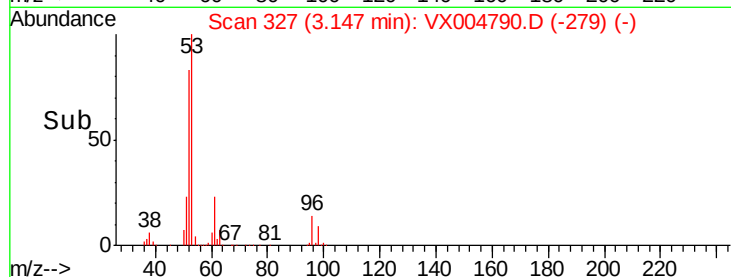
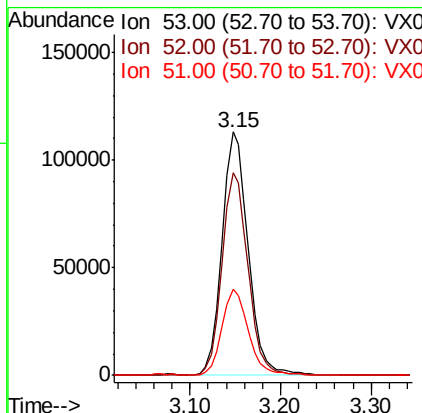
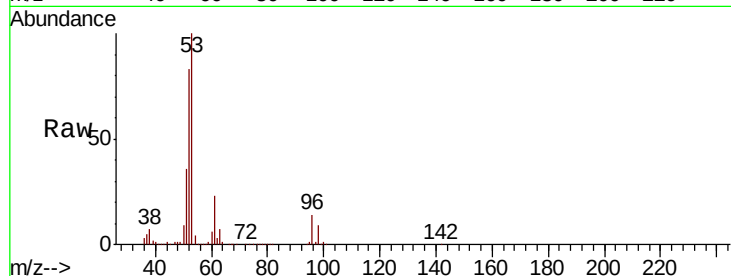
ClientSampleId :

VX0927WBS02

Tot Ion:	53	Resp:	224848
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.2	97.8
51	36.4	28.2	42.2

Manual Integrations
APPROVED

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9/28/2018 2:26:10 PM



#16

Acetone

Concen: 101.670 ug/l

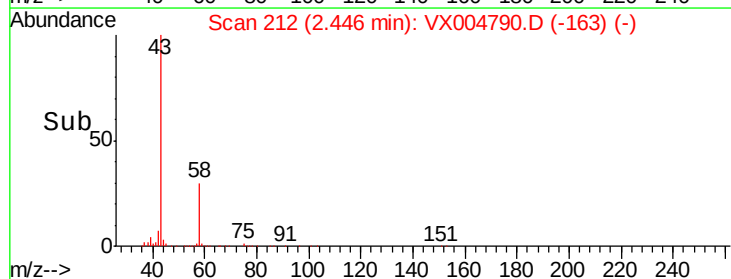
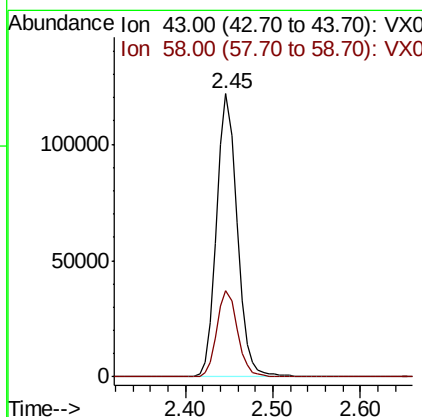
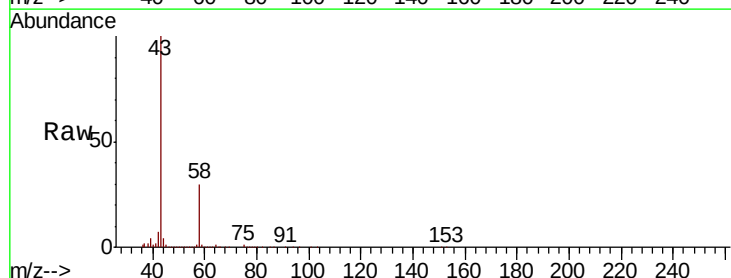
RT: 2.45 min Scan# 212

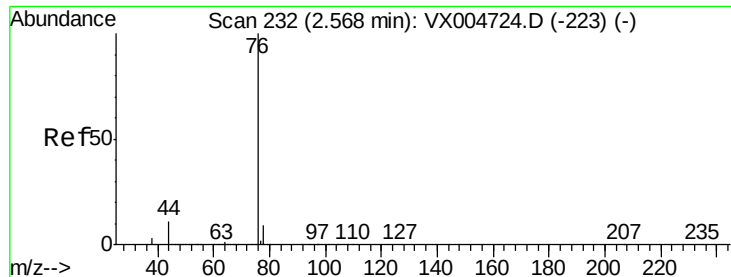
Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tgt Ion:	43	Resp:	198107
Ion	Ratio	Lower	Upper
43	100		
58	30.5	26.2	39.4





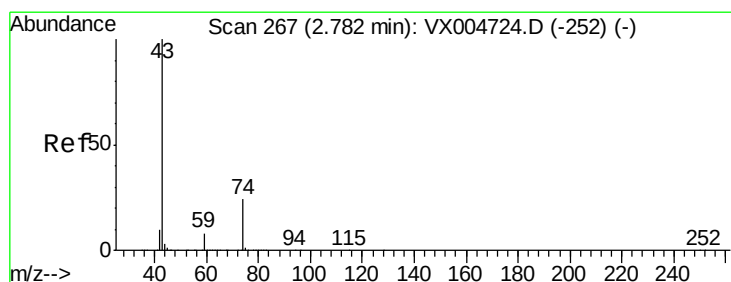
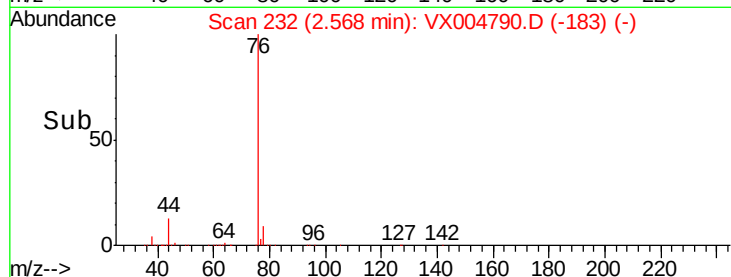
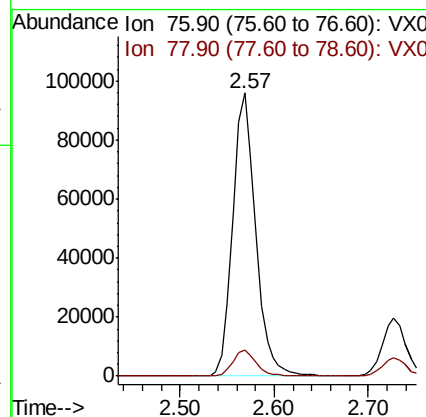
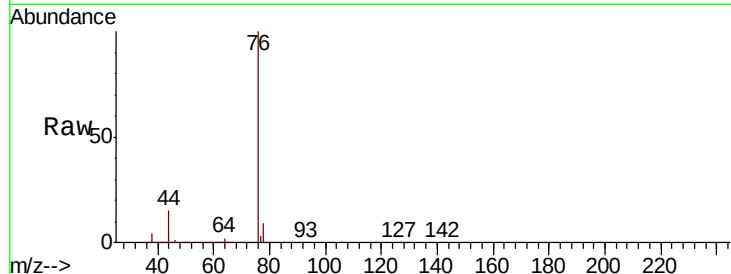
#17
Carbon Disulfide
Concen: 21.411 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampled :
VX0927WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

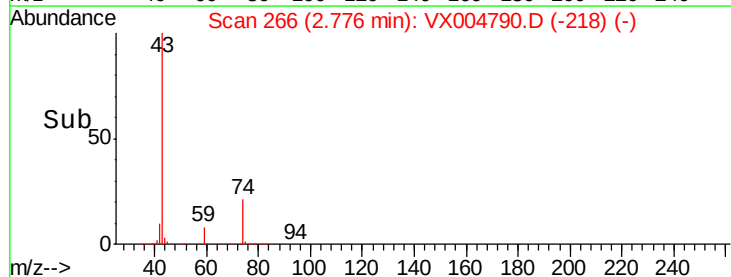
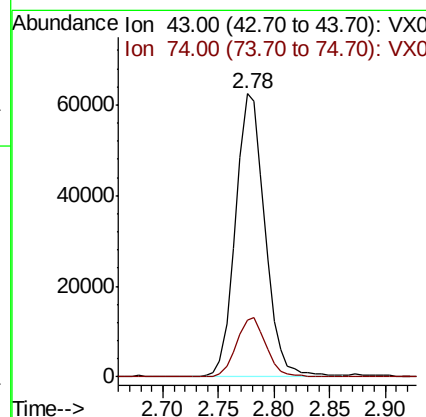
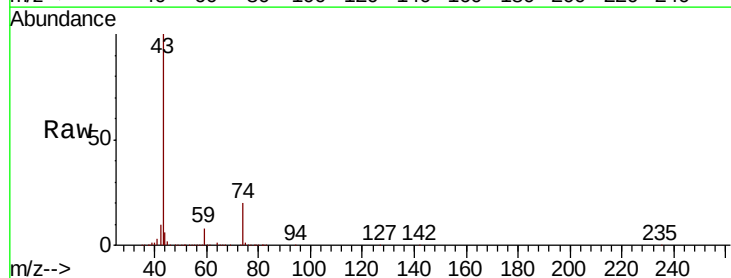
Manual Integrations
APPROVED

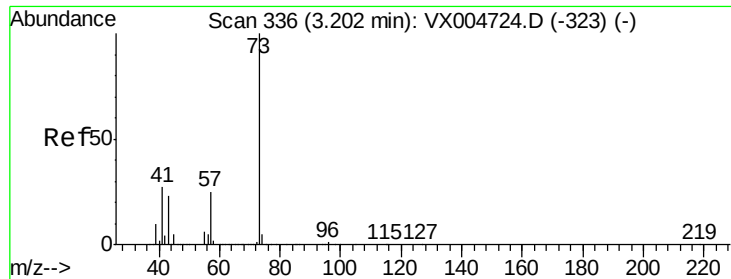
MMDadoda
9/28/2018 2:26:10 PM



#18
Methyl Acetate
Concen: 22.992 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	19.4	29.2





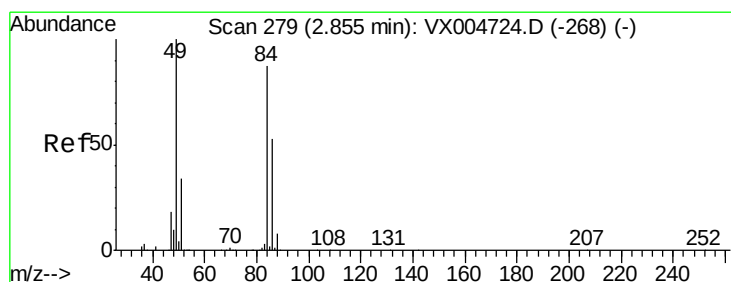
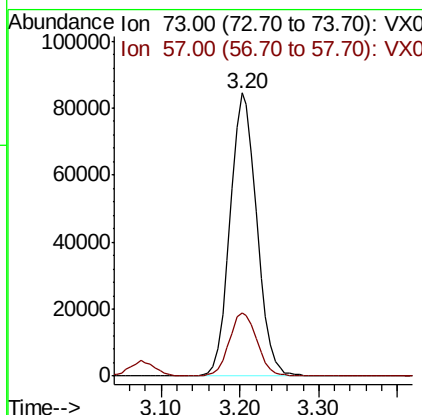
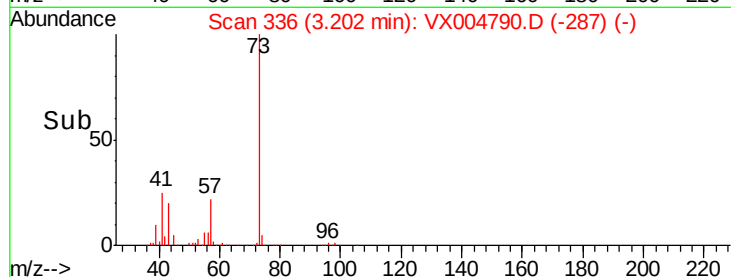
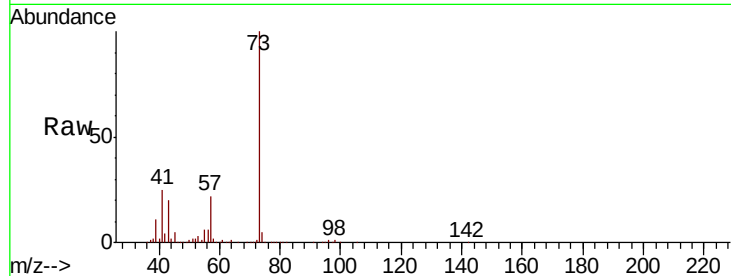
#19
Methyl tert-butyl Ether
Concen: 22.817 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.1	25.7

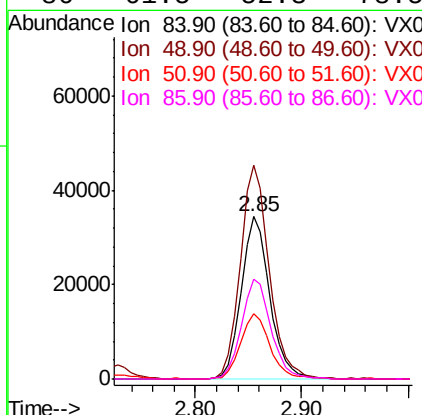
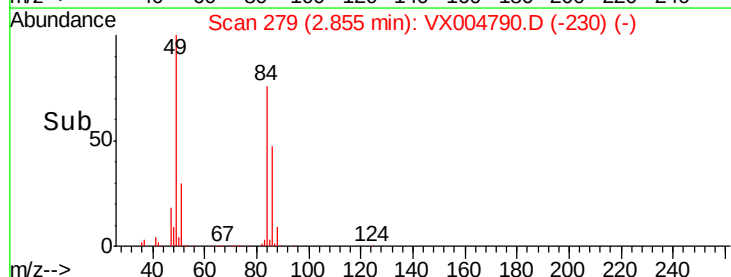
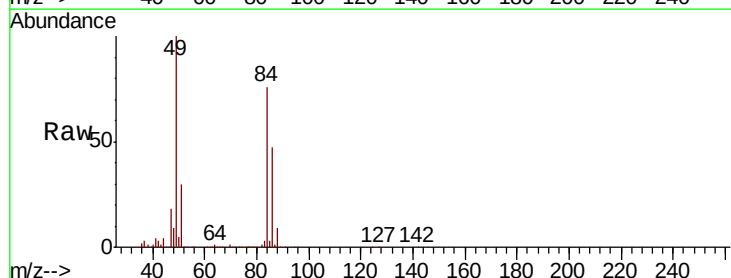
Manual Integrations
APPROVED

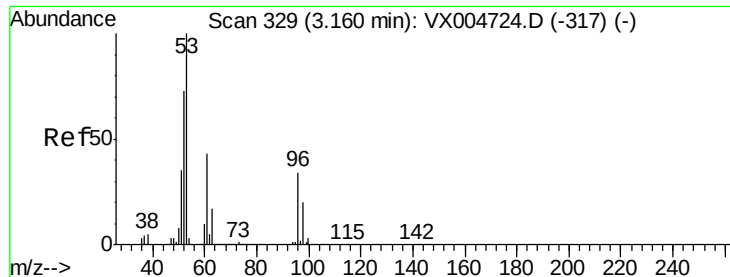
MMDadoda
9/28/2018 2:26:10 PM



#20
Methylene Chloride
Concen: 22.407 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.6	101.2	151.8
51	39.8	29.5	44.3
86	61.5	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 21.199 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

Tot Ion: 96 Resp: 58749

Ion Ratio Lower Upper

96 100

61 154.6 113.8 170.6

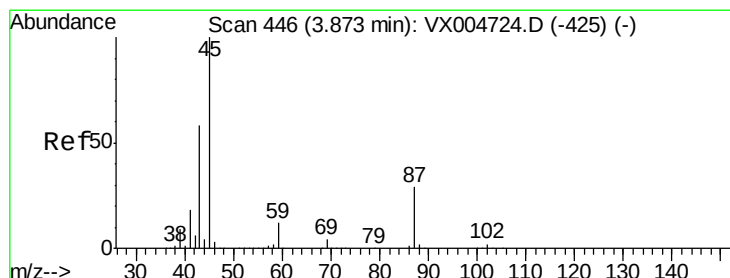
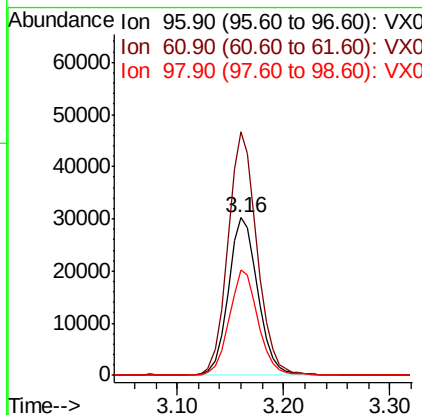
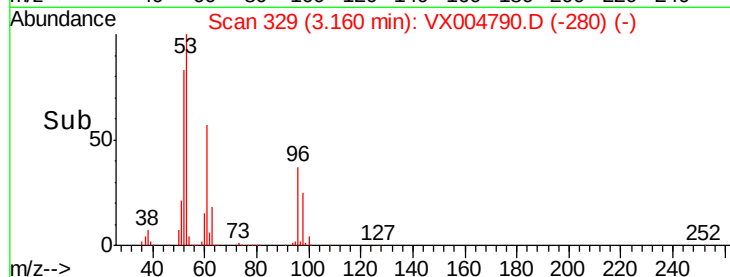
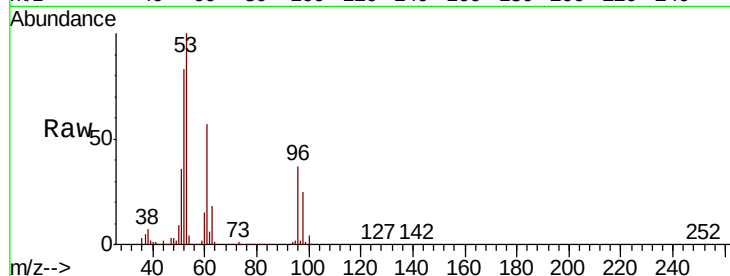
98 66.7 51.8 77.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 22.137 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tgt Ion: 45 Resp: 205905

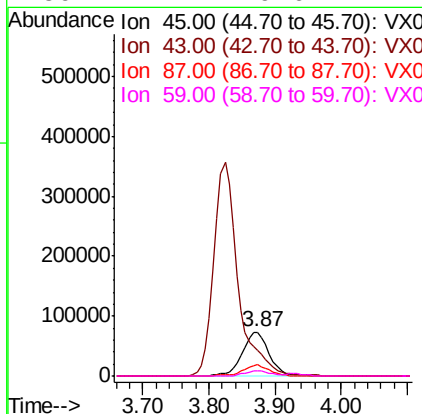
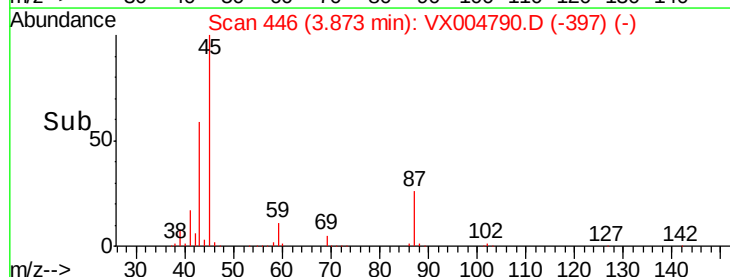
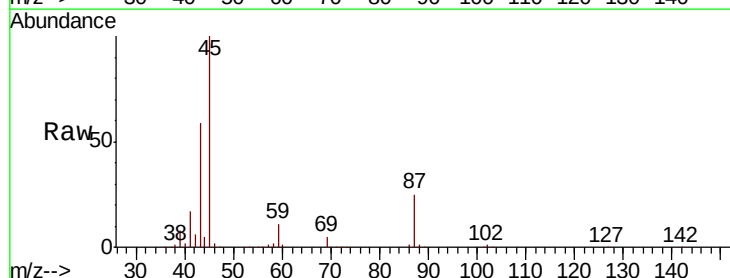
Ion Ratio Lower Upper

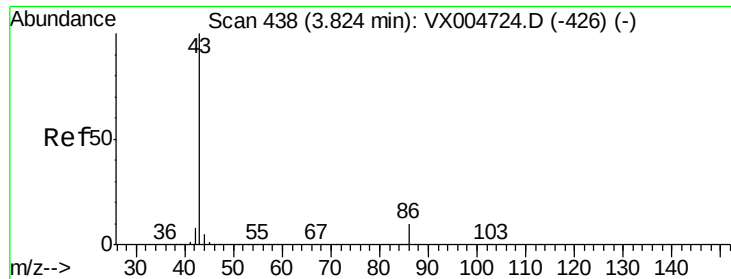
45 100

43 58.6 42.8 64.2

87 25.5 22.6 34.0

59 11.1 9.6 14.4





#23

Vinyl Acetate

Concen: 107.841 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

Tot Ion: 43 Resp: 918172

Ion Ratio Lower Upper

43 100

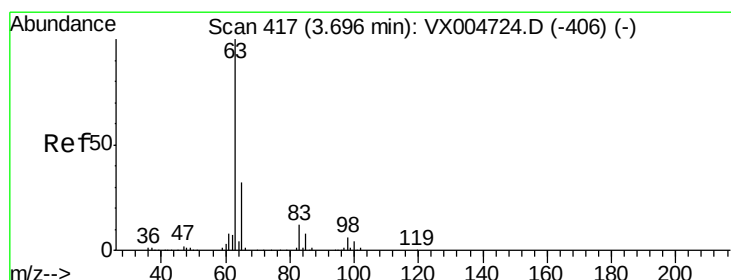
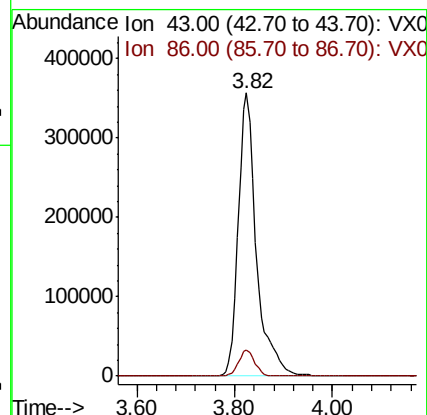
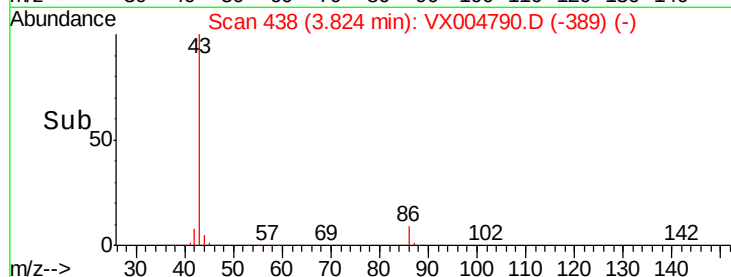
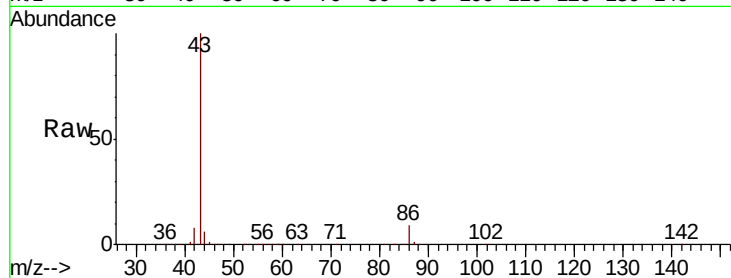
86 9.2 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.251 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

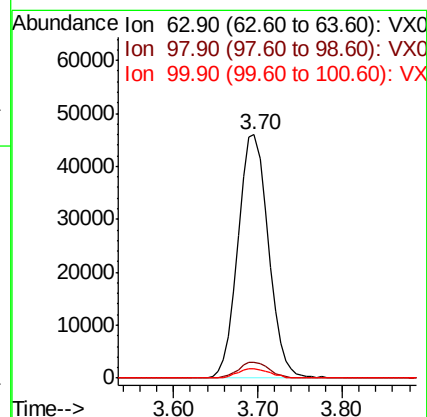
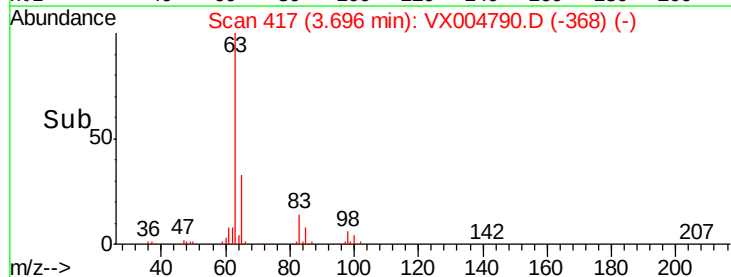
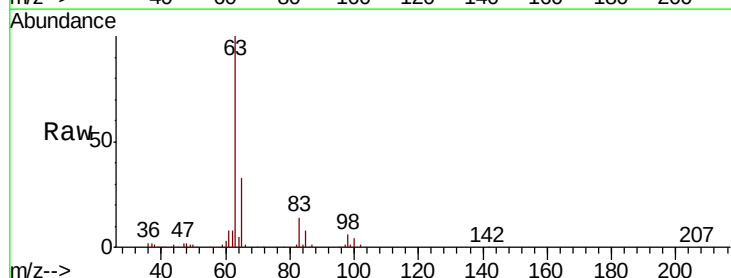
Tgt Ion: 63 Resp: 112363

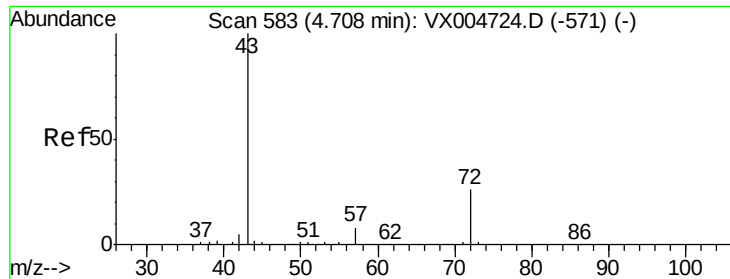
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 3.9 2.4 7.1





#25

2-Butanone

Concen: 104.249 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

Tot Ion: 43 Resp: 299425

Ion Ratio Lower Upper

43 100

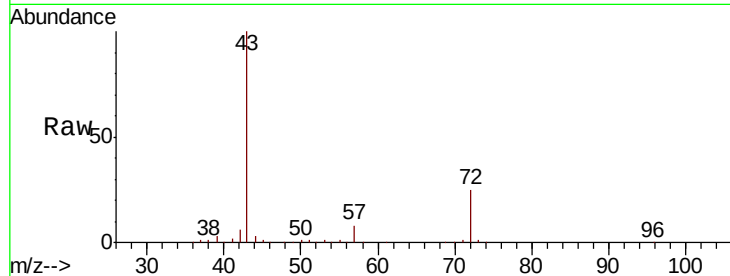
72 24.5 22.0 33.0

Manual Integrations

APPROVED

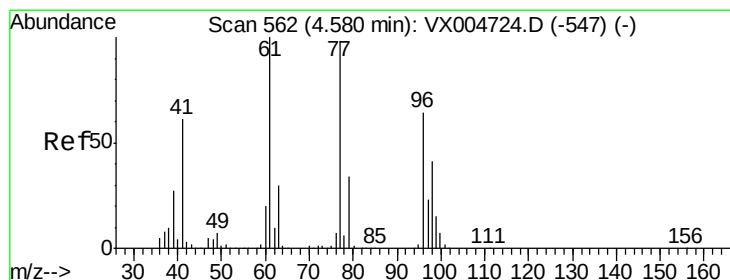
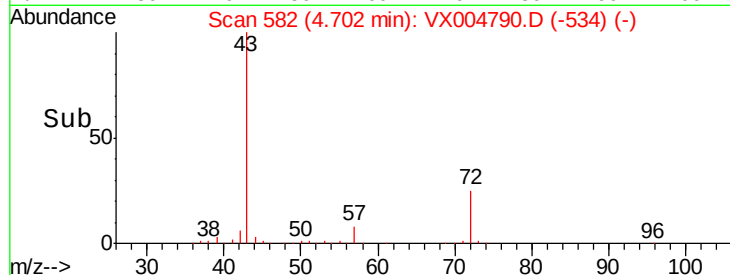
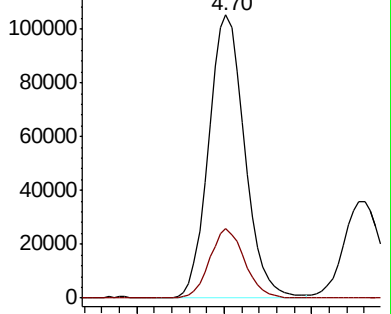
MMDadoda

9/28/2018 2:26:10 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.856 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004790.D

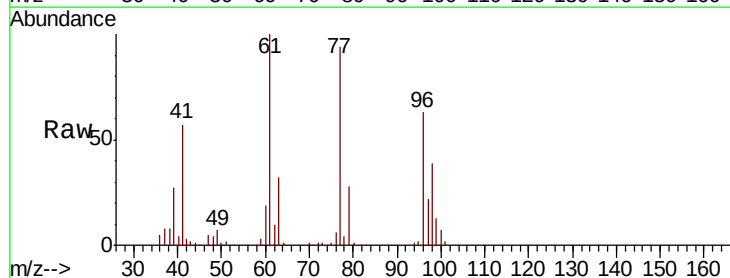
Acq: 27 Sep 2018 23:17

Tgt Ion: 77 Resp: 68989

Ion Ratio Lower Upper

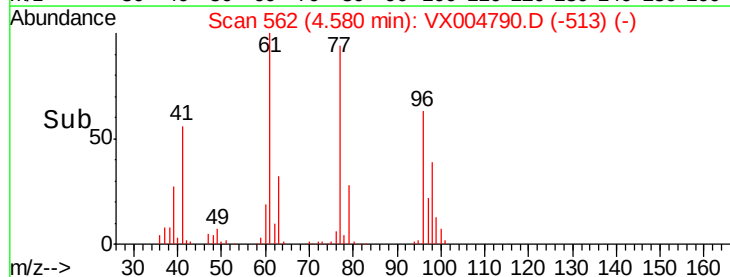
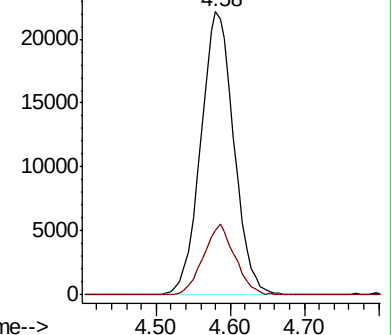
77 100

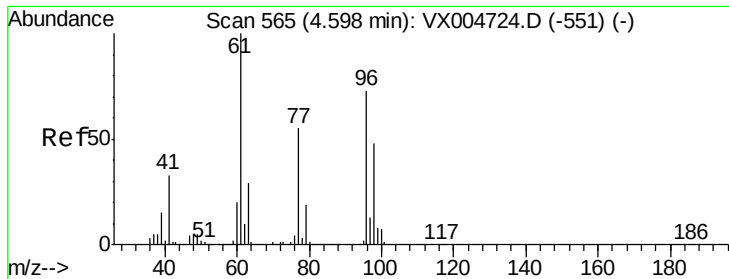
97 23.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

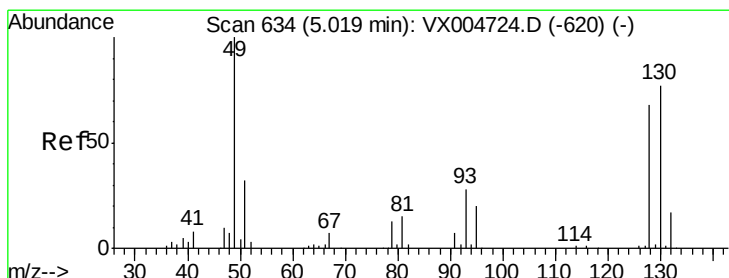
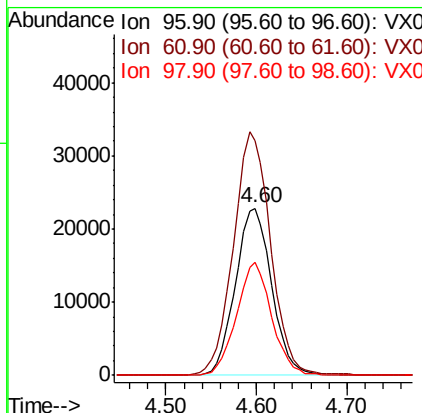
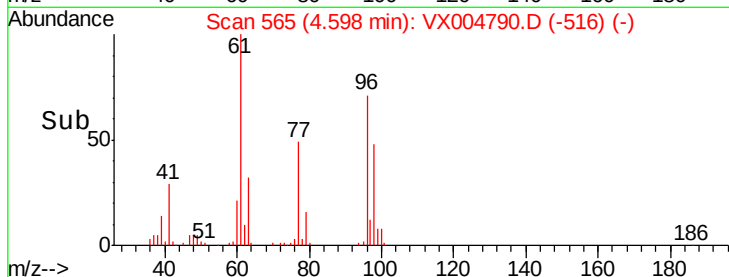
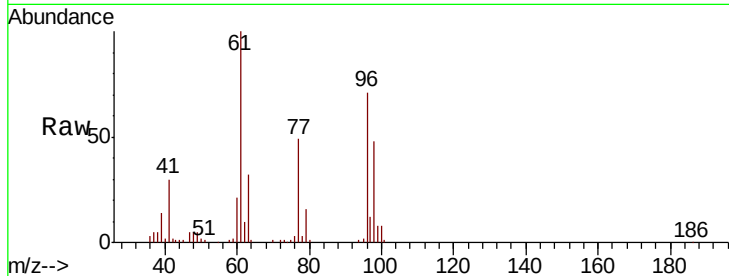
cis-1,2-Dichloroethene
Concen: 20.459 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.1	0.0	282.6
98	65.3	0.0	130.2

Manual Integrations
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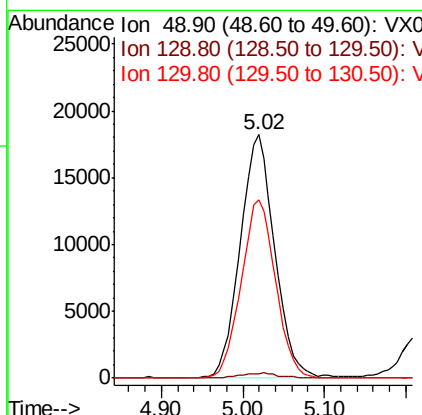
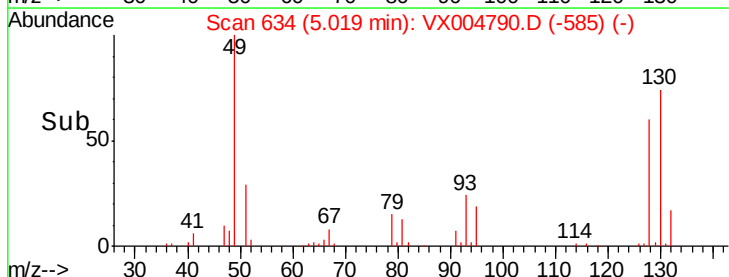
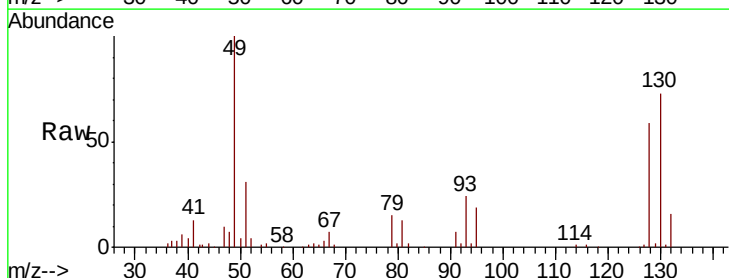
MMDadoda
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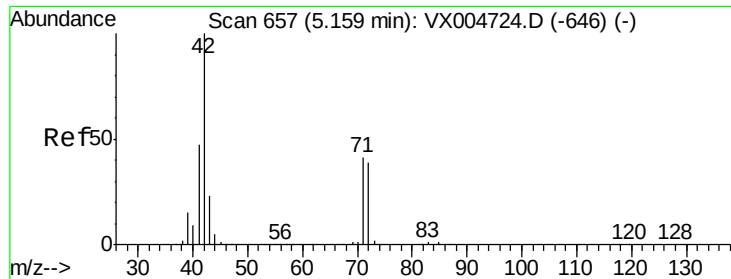


#28

Bromochloromethane
Concen: 20.517 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.2
130	72.7	67.5	101.3





#29

Tetrahydrofuran

Concen: 110.522 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

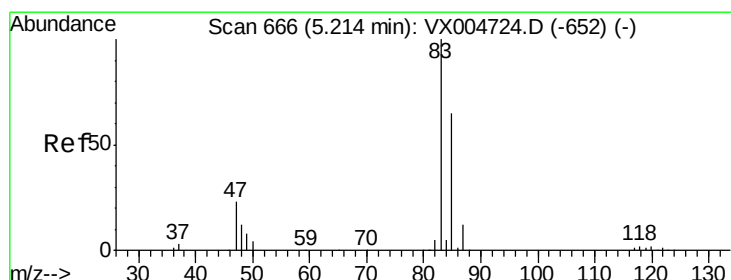
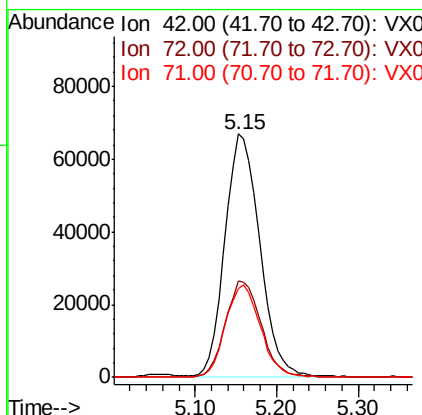
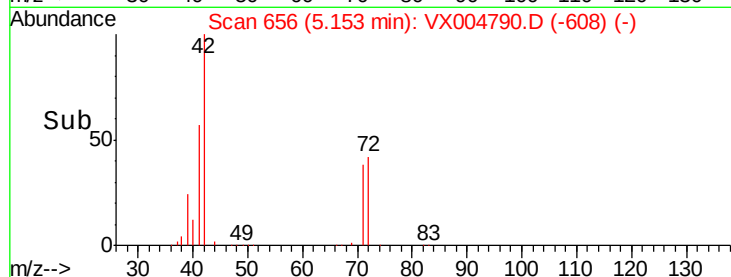
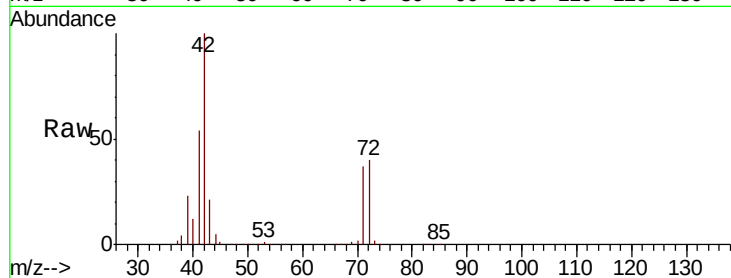
ClientSampleId :

VX0927WBS02

Tot Ion:	42	Resp:	197301
Ion Ratio		Lower	Upper
42	100		
72	41.0	37.4	56.0
71	38.2	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 20.822 ug/l

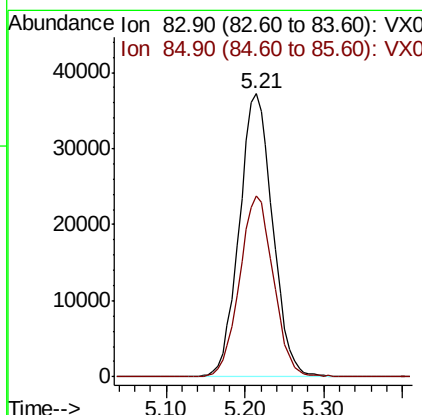
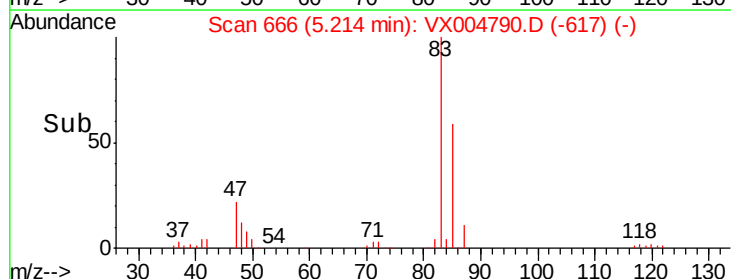
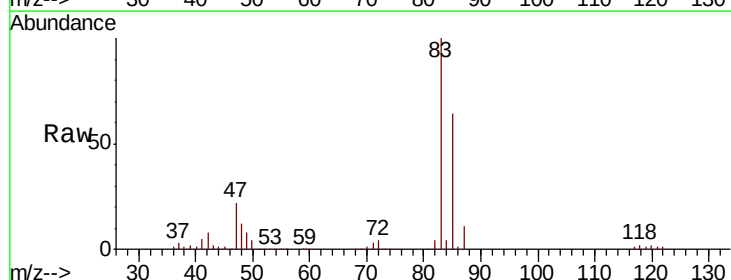
RT: 5.21 min Scan# 666

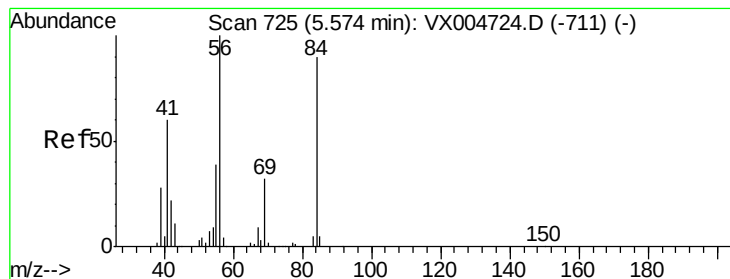
Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tgt Ion:	83	Resp:	109184
Ion Ratio		Lower	Upper
83	100		
85	64.2	52.6	79.0





#31

Cyclohexane

Concen: 22.867 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

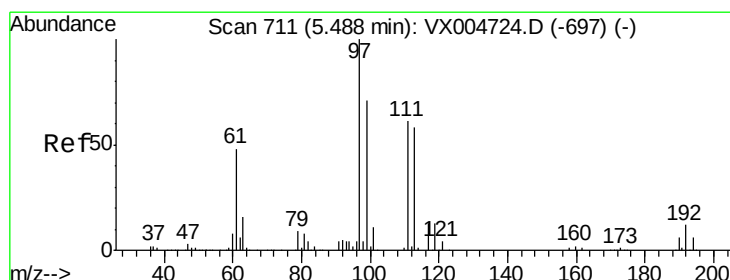
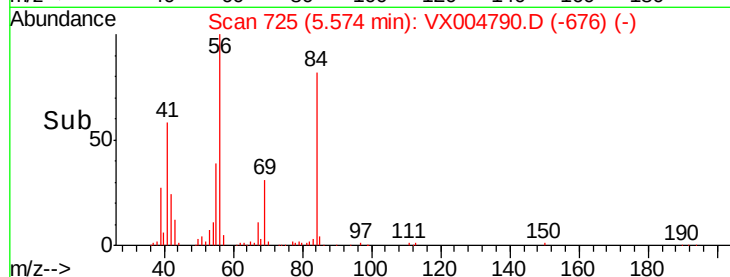
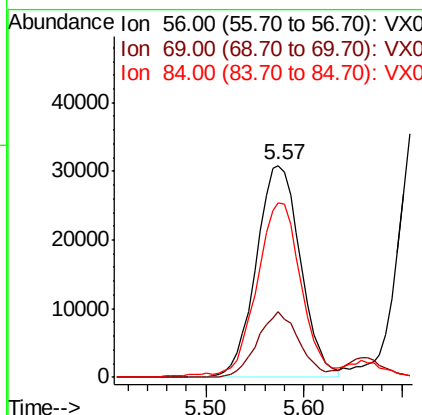
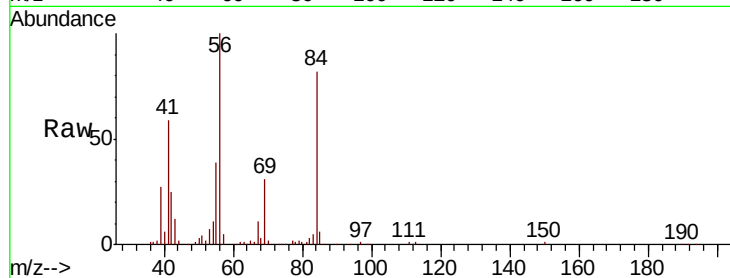
ClientSampleId :

VX0927WBS02

Tot Ion:	56	Resp:	97105
Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.4	38.2
84	80.9	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.784 ug/l

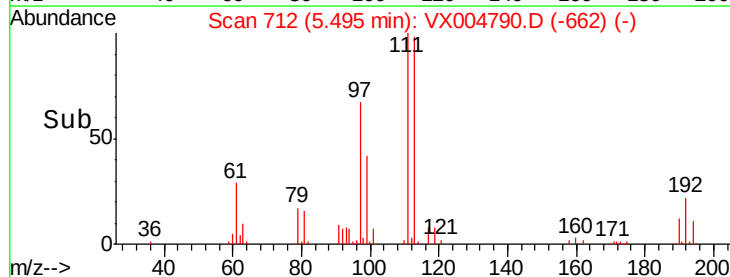
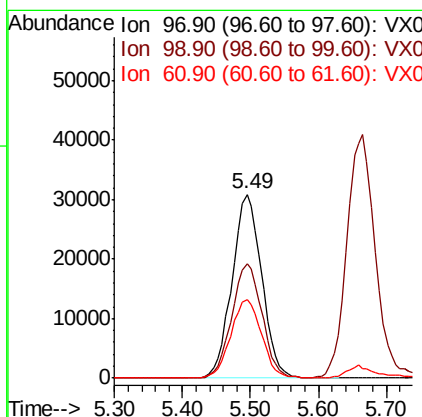
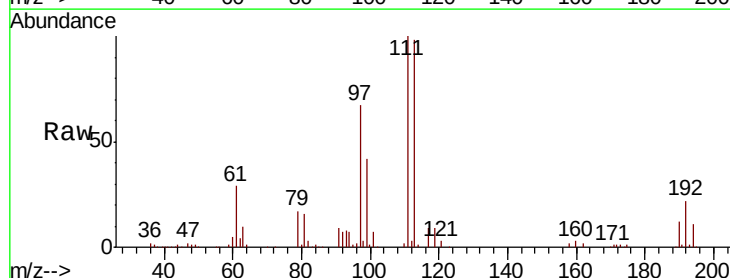
RT: 5.49 min Scan# 712

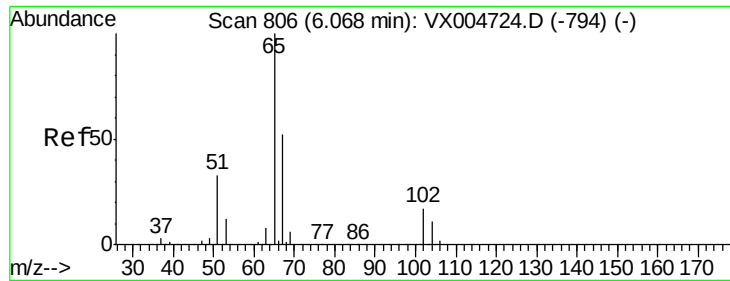
Delta R.T. 0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tgt Ion:	97	Resp:	93291
Ion	Ratio	Lower	Upper
97	100		
99	63.2	52.0	78.0
61	44.7	34.9	52.3





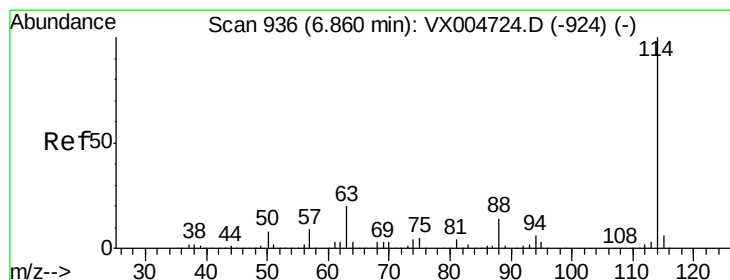
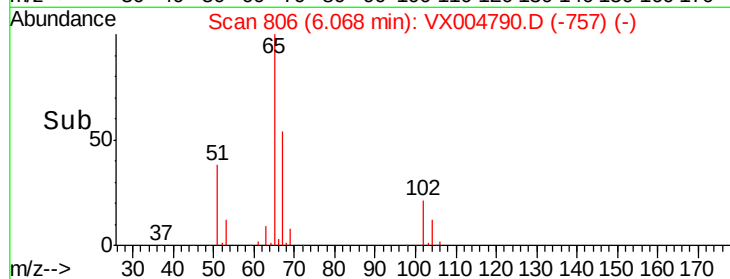
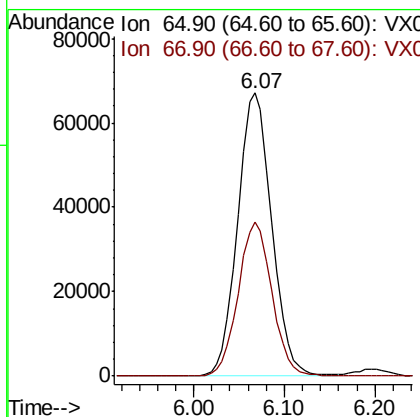
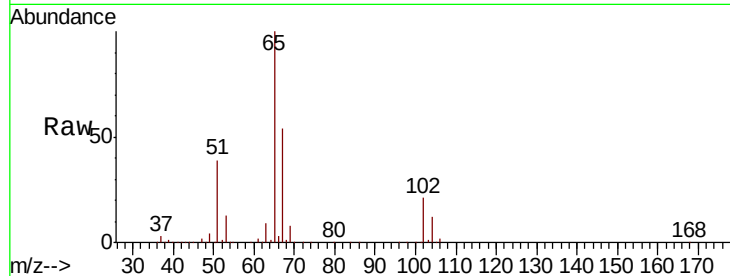
#33
 1,2-Dichloroethane-d4
 Concen: 52.329 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8

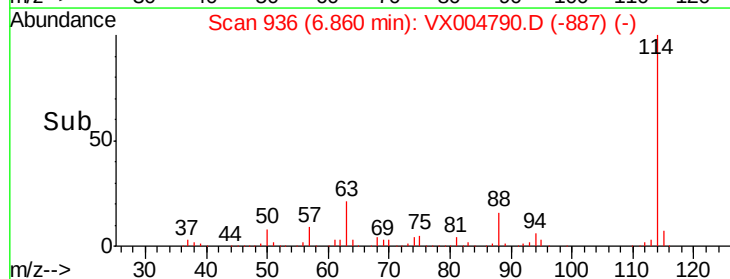
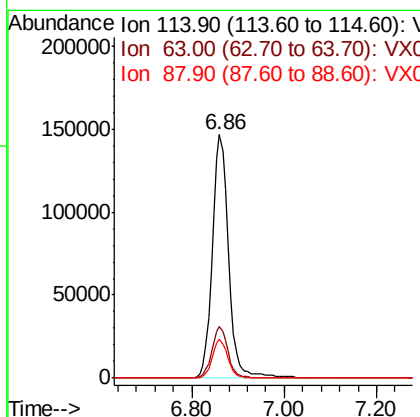
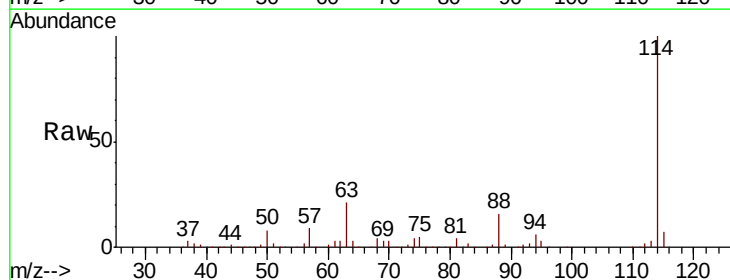
Manual Integrations
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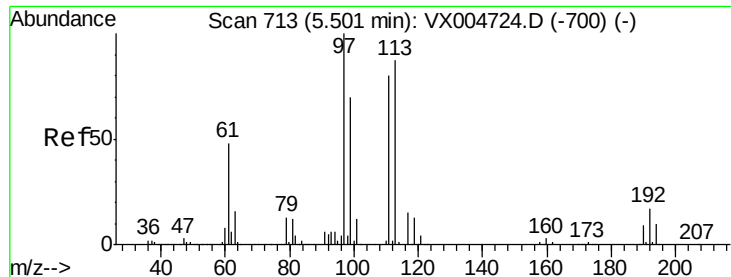
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.0
88	15.8	0.0	30.4





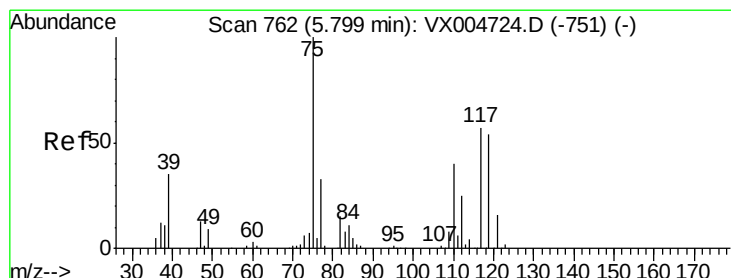
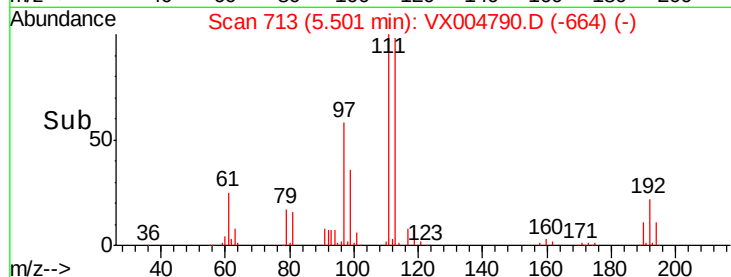
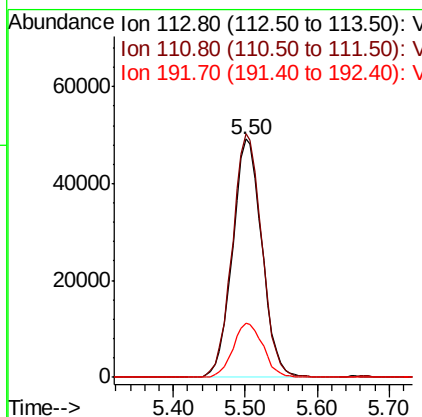
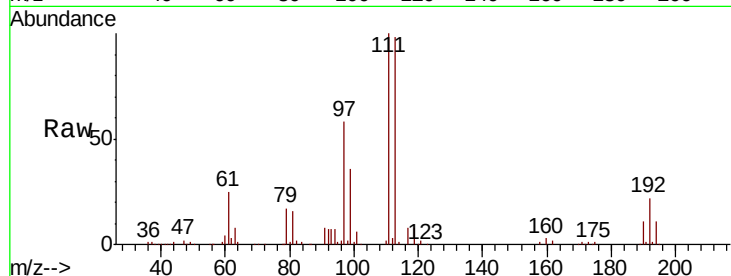
#35
 Dibromofluoromethane
 Concen: 45.711 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.0	82.4	123.6	
192	23.2	19.4	29.2	

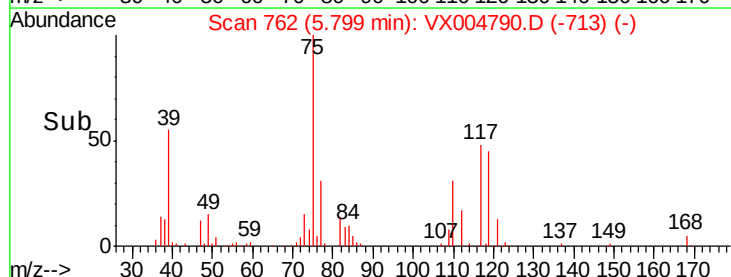
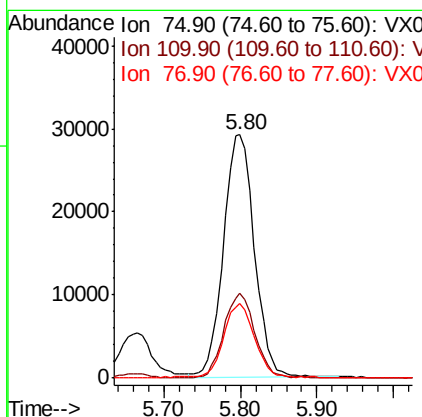
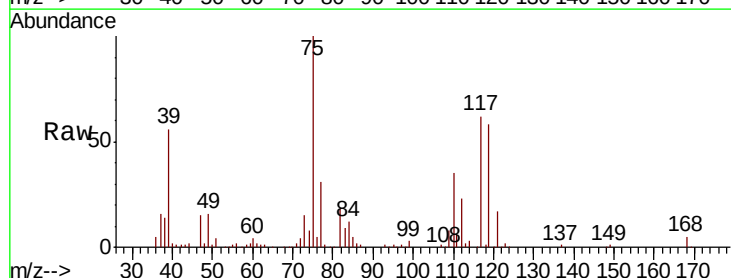
Manual Integrations
 APPROVED

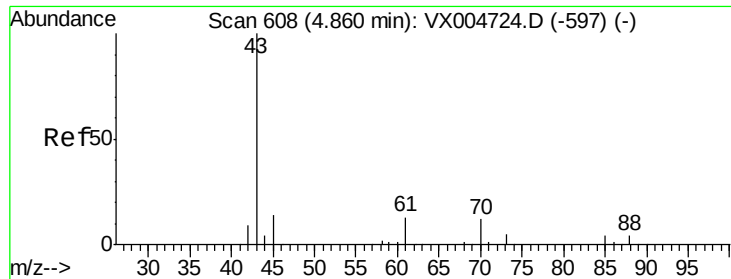
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 19.679 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.9	18.0	54.0	
77	30.2	24.6	36.8	





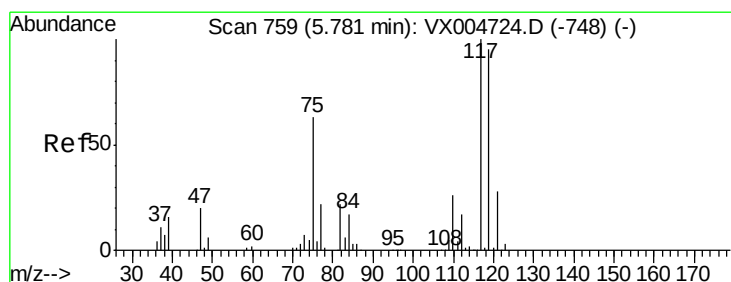
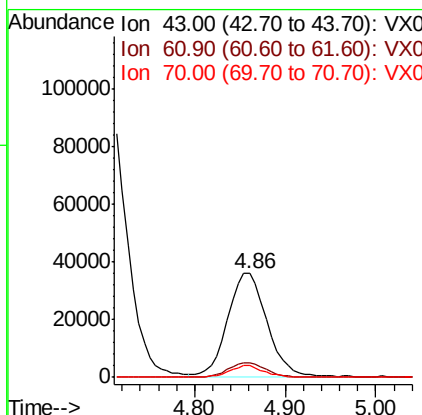
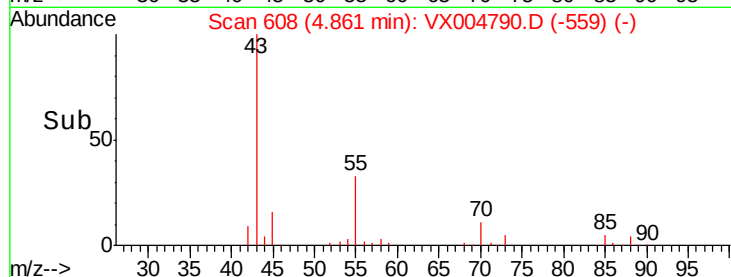
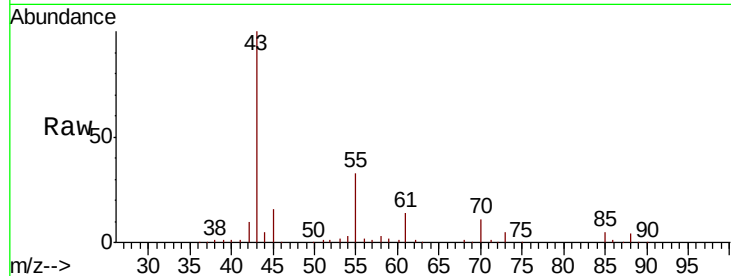
#37
Ethyl Acetate
Concen: 19.553 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.5	17.3
70	10.4	9.0	13.6

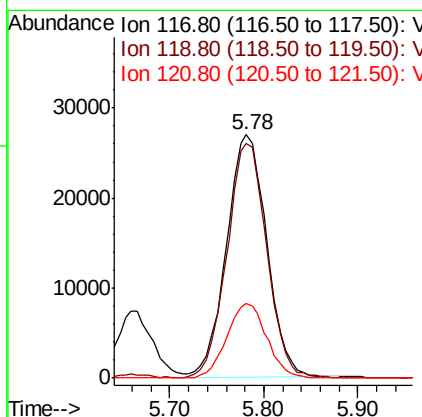
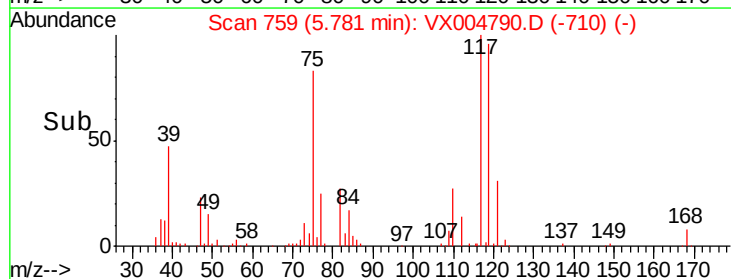
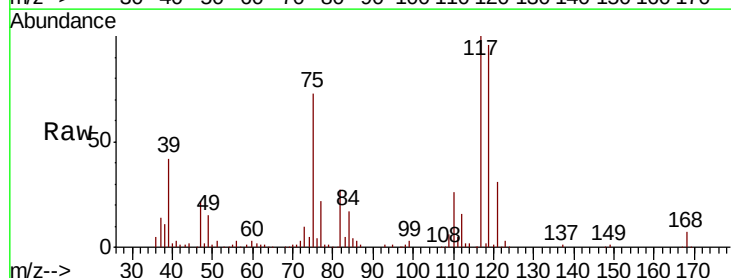
Manual Integrations
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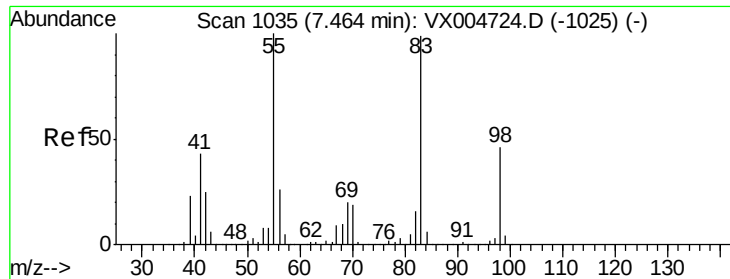
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#38
Carbon Tetrachloride
Concen: 18.389 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.8	118.2
121	30.7	24.9	37.3





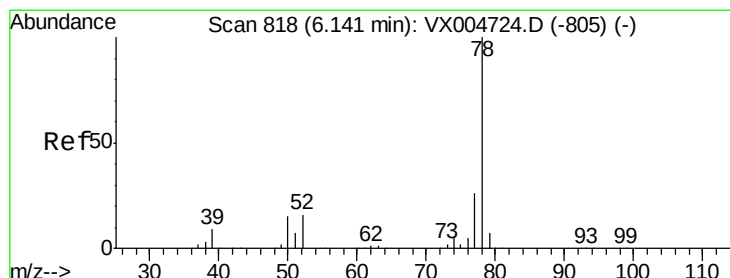
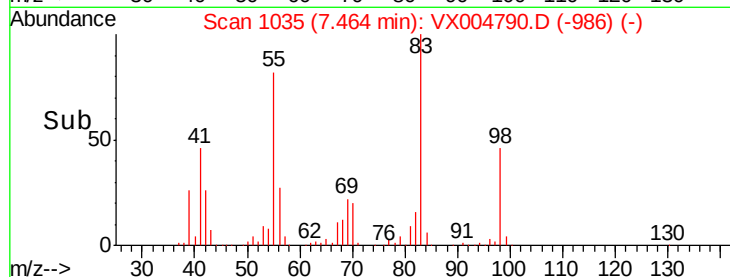
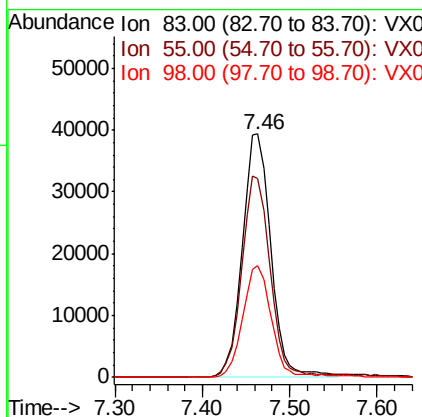
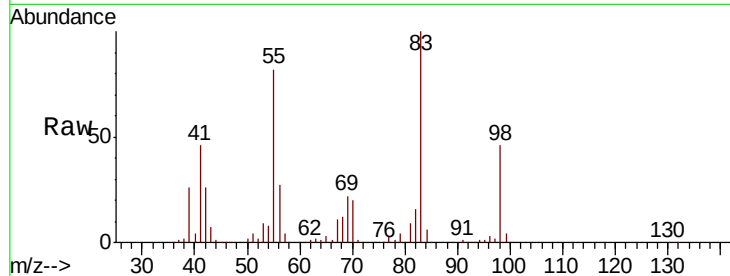
#39
Methylvlcyclohexane
Concen: 21.126 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.8	61.0	91.4	
98	46.2	39.6	59.4	

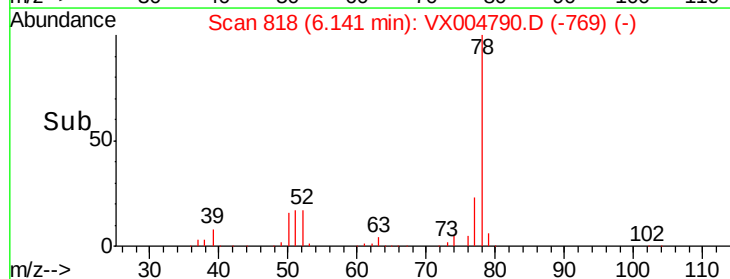
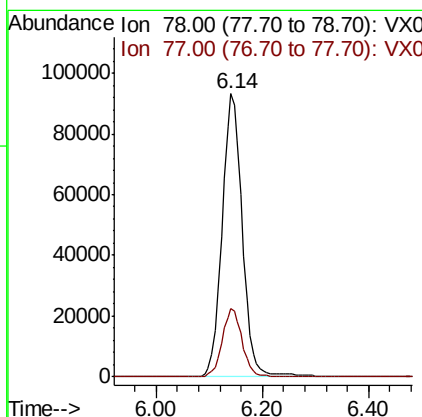
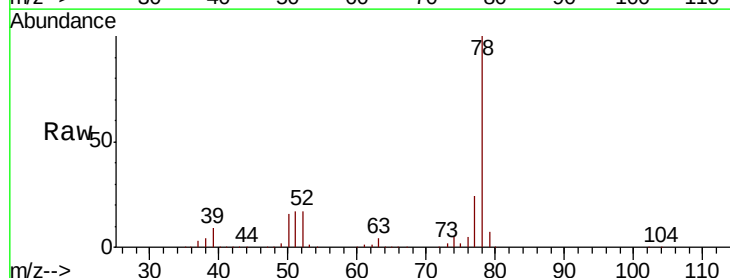
Manual Integrations
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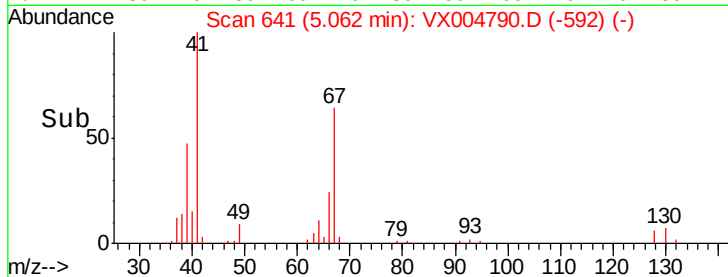
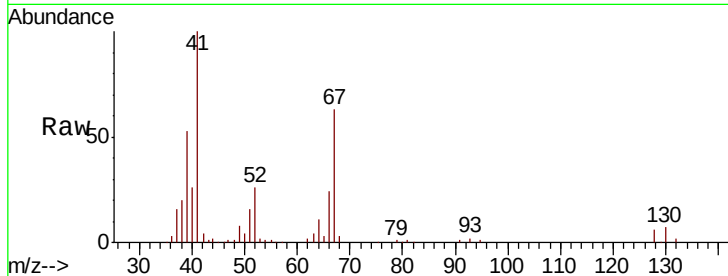
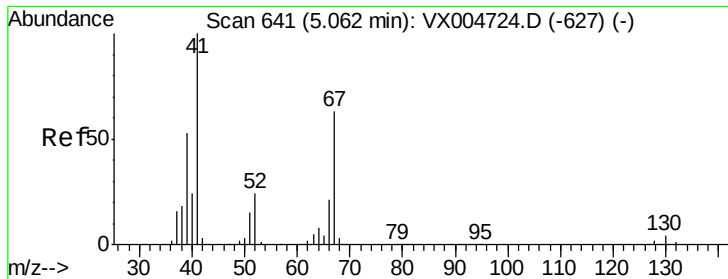
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#40
Benzene
Concen: 19.169 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	19.0	28.4	





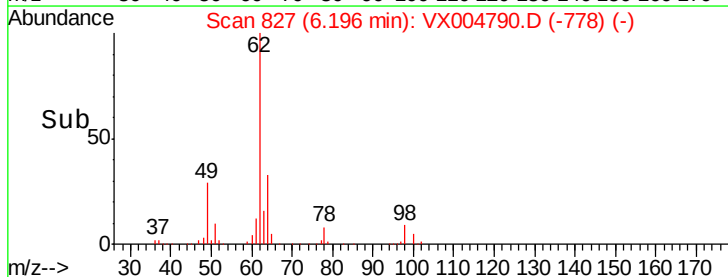
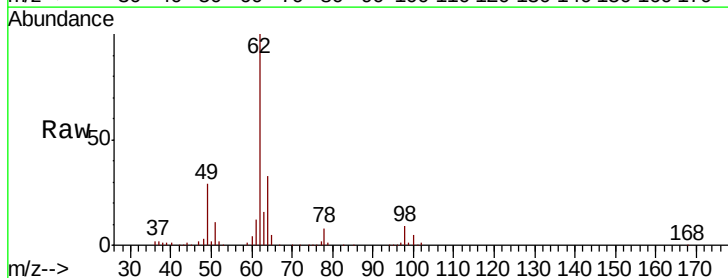
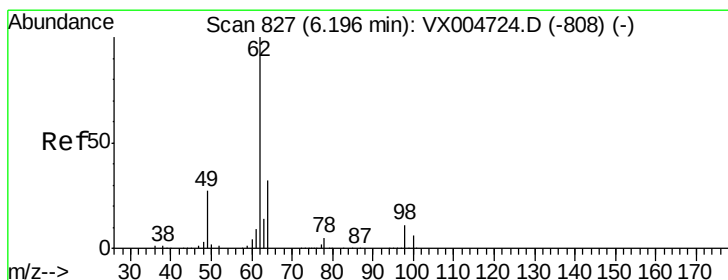
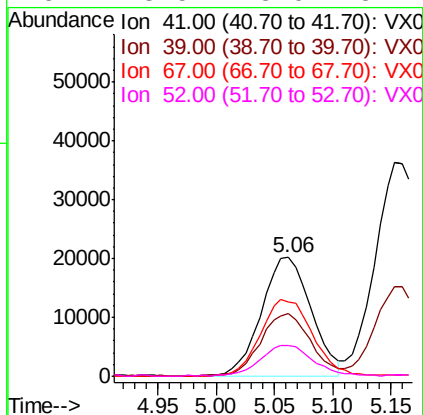
#41
Methacrylonitrile
Concen: 19.469 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		59372		
39	53.8	42.4	63.6		
67	68.2	59.2	88.8		
52	28.5	23.0	34.4		

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

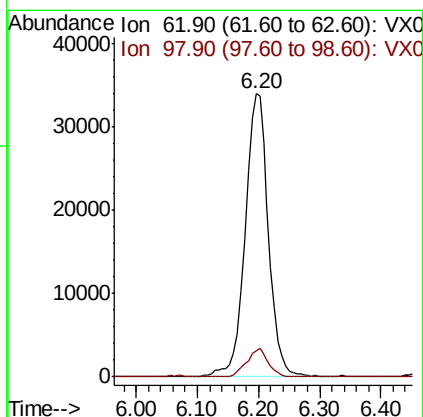
Manual Integrations
APPROVED

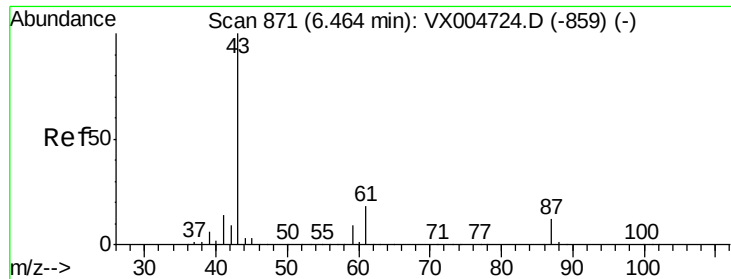
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.401 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		88950		
98	9.5	0.0	20.6		





#43

Isopropyl Acetate

Concen: 19.370 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

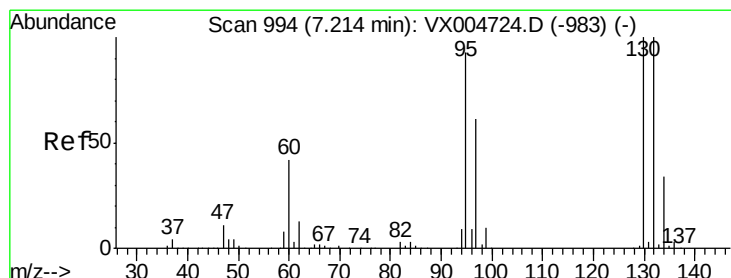
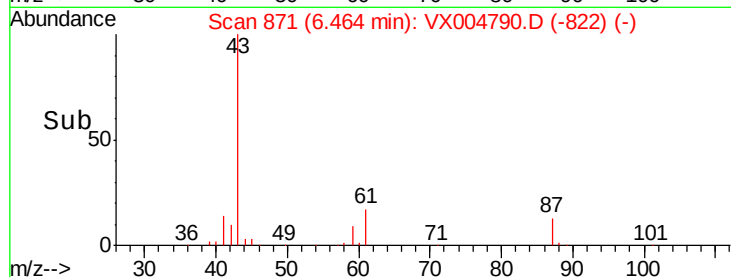
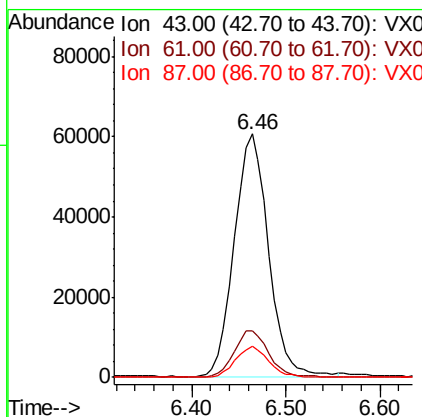
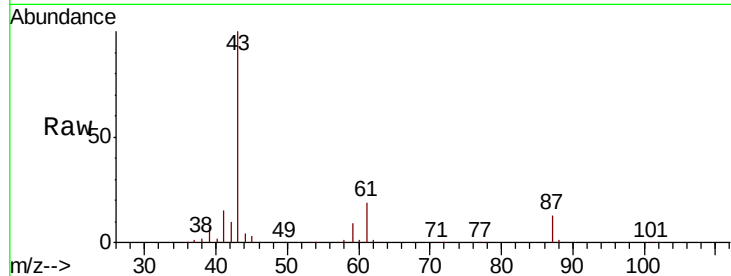
ClientSampleId :

VX0927WBS02

Tot Ion:	43	Resp:	153742
Ion	Ratio	Lower	Upper
43	100		
61	19.4	17.0	25.4
87	12.4	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 20.388 ug/l

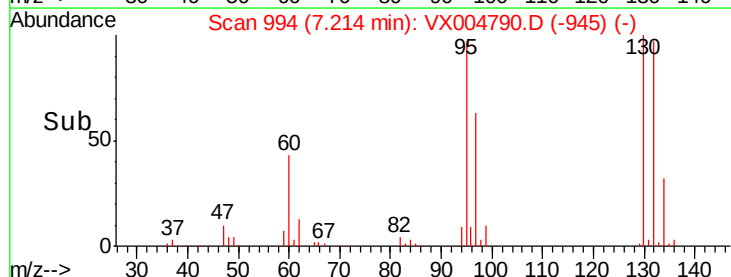
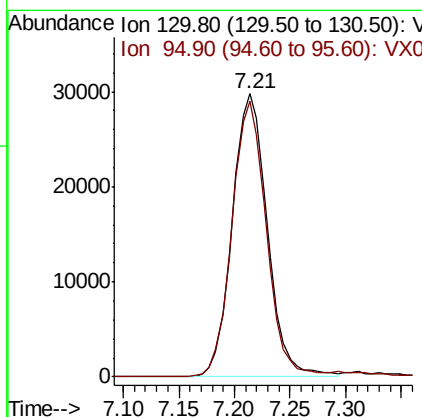
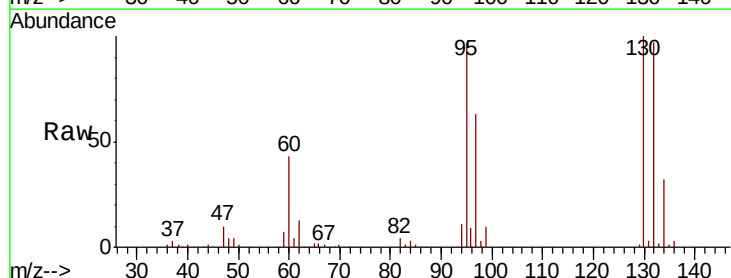
RT: 7.21 min Scan# 994

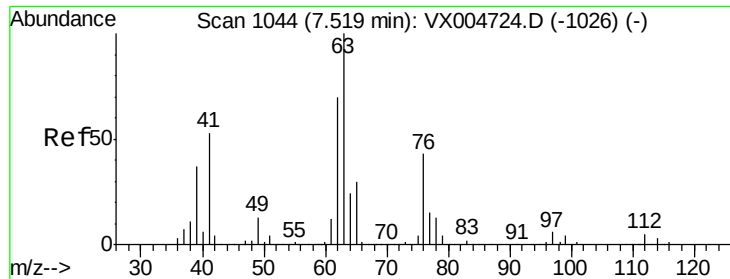
Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tgt Ion:	130	Resp:	65002
Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	181.6





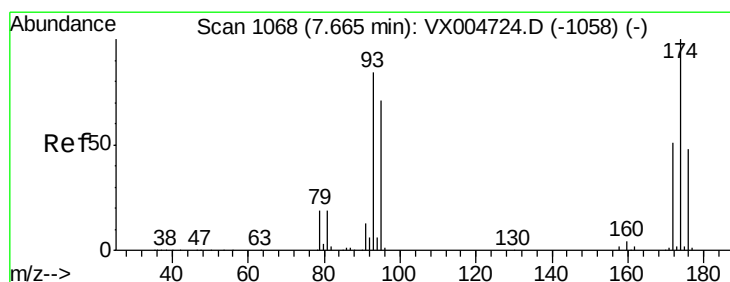
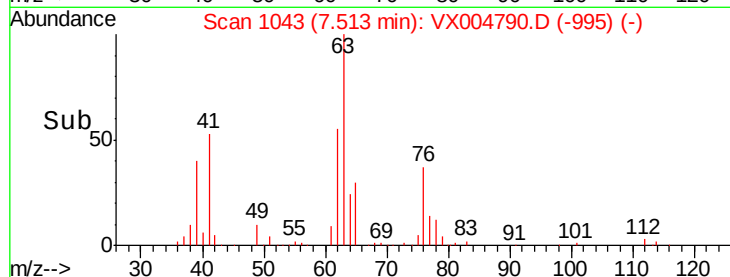
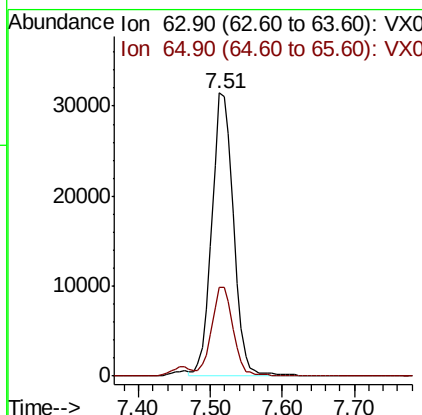
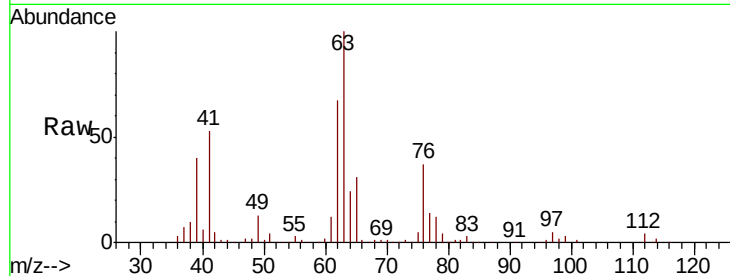
#45
 1,2-Dichloropropane
 Concen: 20.709 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.3	36.5

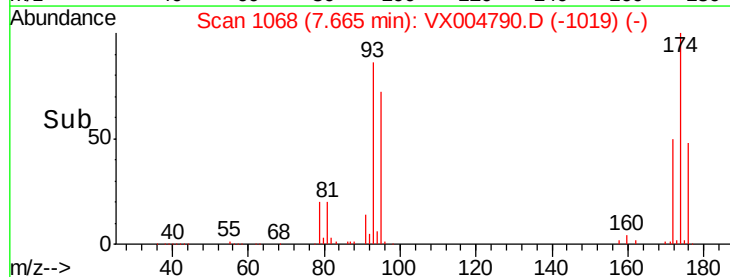
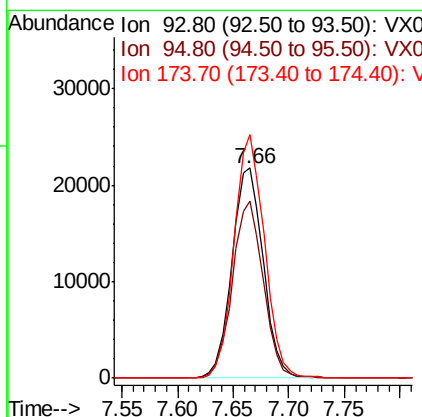
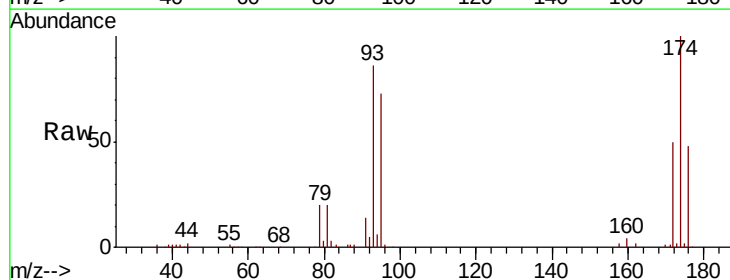
Manual Integrations
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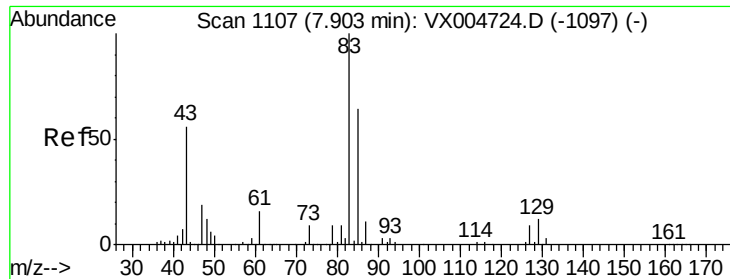
MMDadoda
 9/28/2018 2:26:10 PM



#46
 Dibromomethane
 Concen: 21.205 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.5	98.3
174	112.6	94.2	141.4





#47

Bromodichloromethane

Concen: 21.218 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

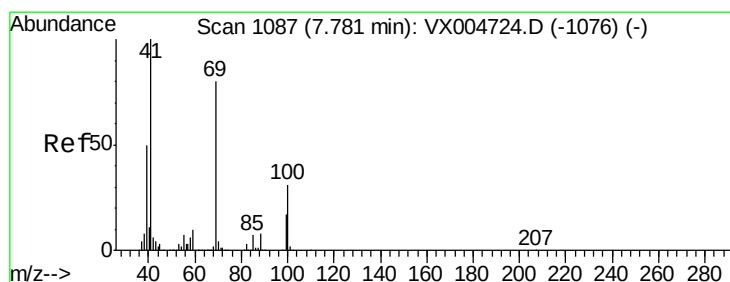
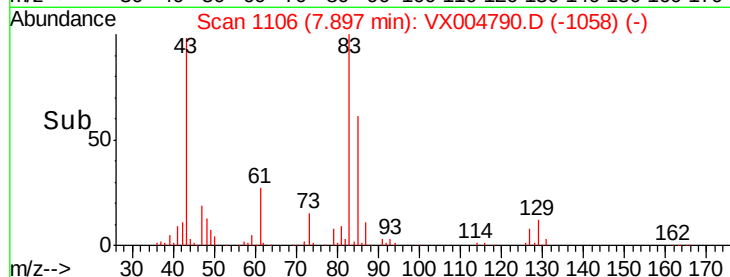
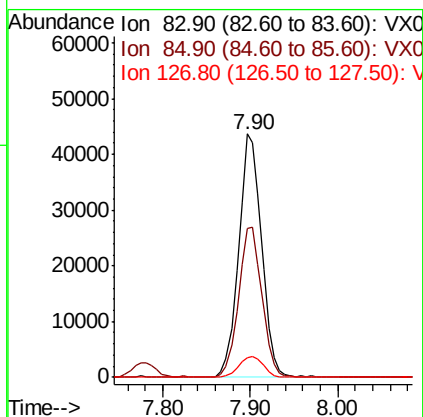
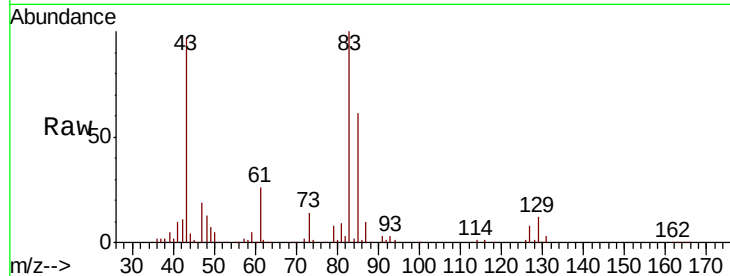
ClientSampleId :

VX0927WBS02

Tot Ion:	83	Resp:	79406
Ion Ratio	Lower	Upper	
83	100		
85	60.9	50.9	76.3
127	8.0	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.464 ug/l

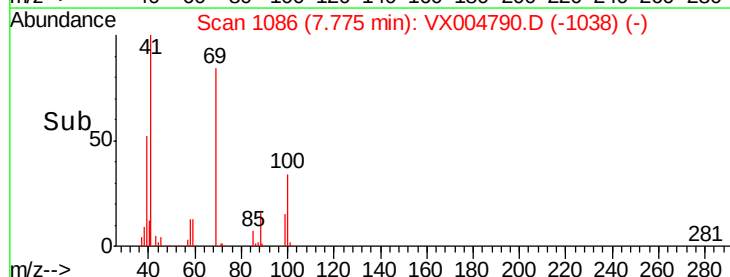
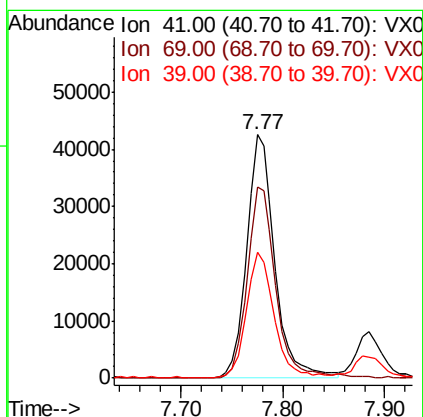
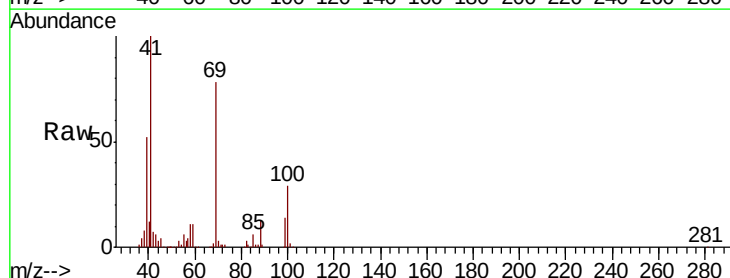
RT: 7.77 min Scan# 1086

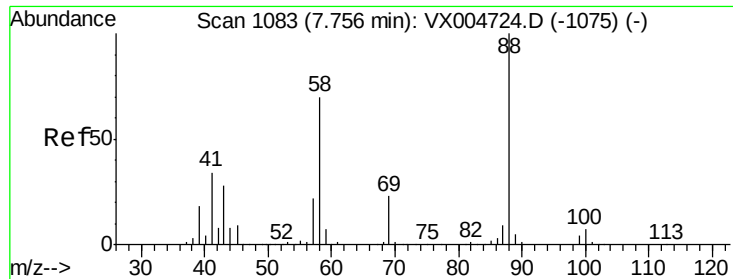
Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tgt Ion:	41	Resp:	80928
Ion Ratio	Lower	Upper	
41	100		
69	80.5	70.2	105.4
39	50.8	42.7	64.1





#49

1,4-Dioxane

Concen: 416.971 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

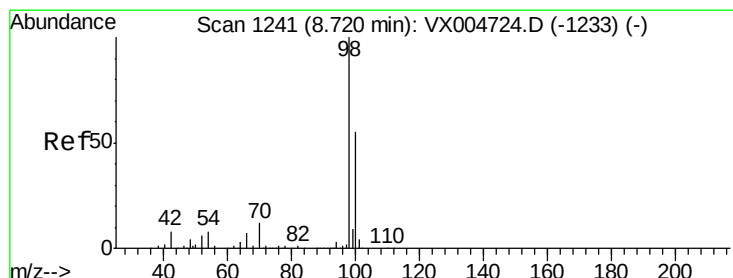
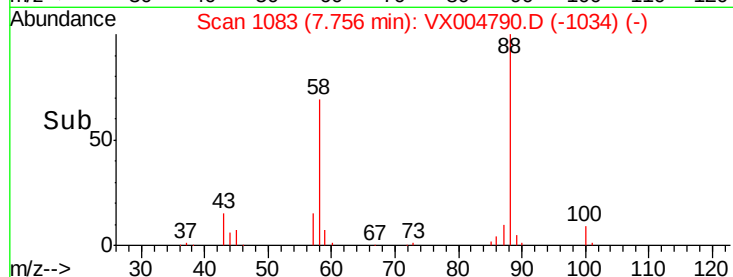
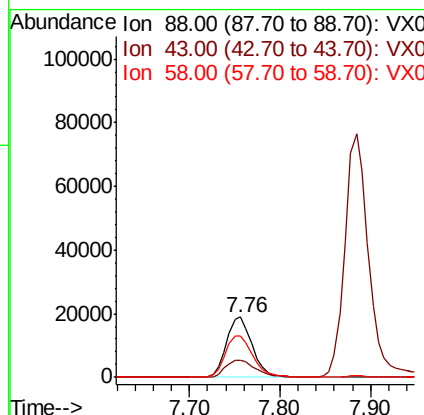
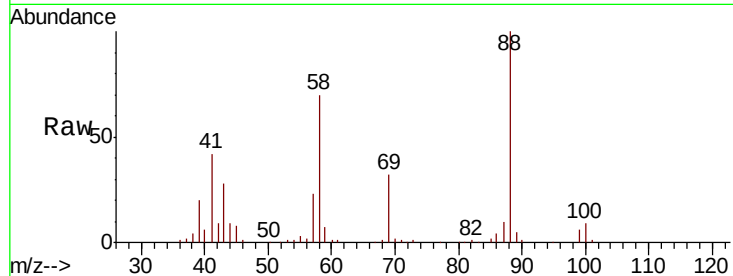
ClientSampleId :

VX0927WBS02

Tot Ion:	88	Resp:	37319
Ion	Ratio	Lower	Upper
88	100		
43	34.9	24.7	37.1
58	74.8	55.3	82.9

Manual Integrations
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#50

Toluene-d8

Concen: 53.340 ug/l

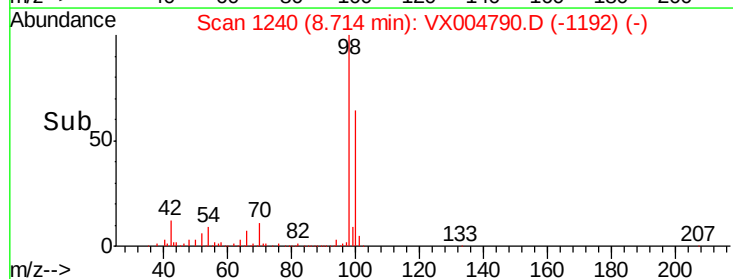
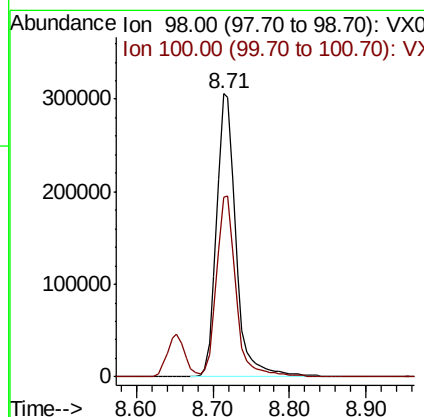
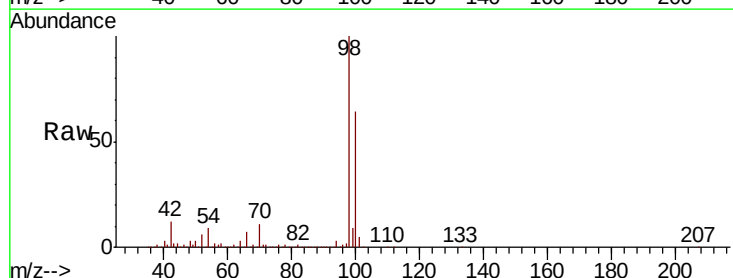
RT: 8.71 min Scan# 1240

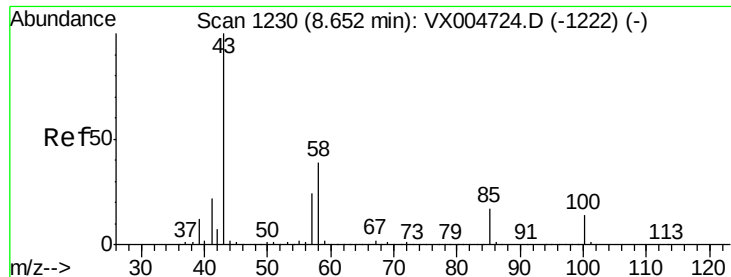
Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tgt Ion:	98	Resp:	538429
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.9	79.3





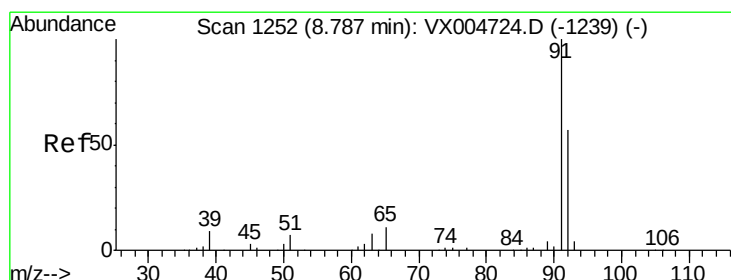
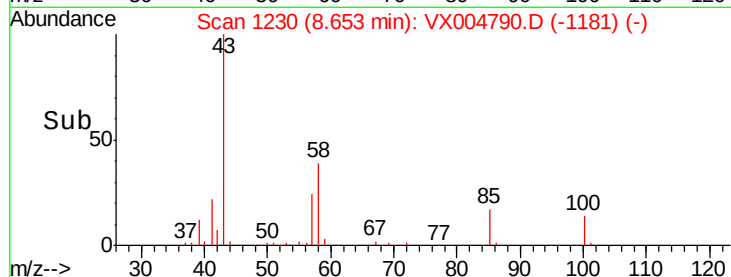
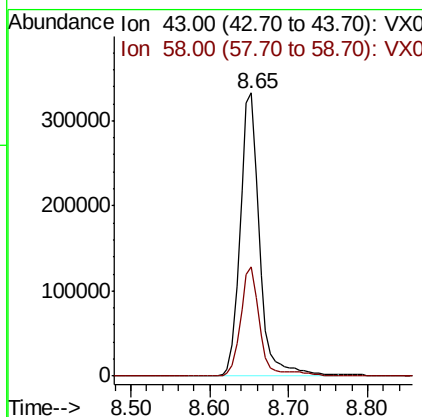
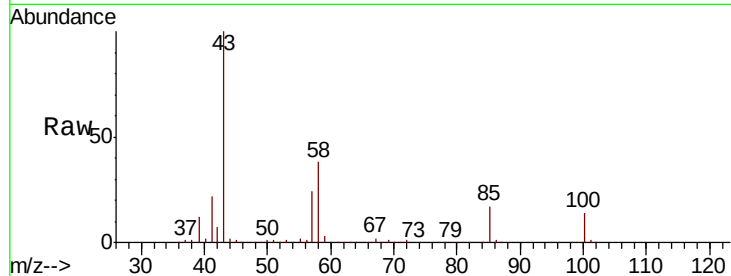
#51
4-Methyl-2-Pentanone
Concen: 113.335 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.8	33.1	49.7

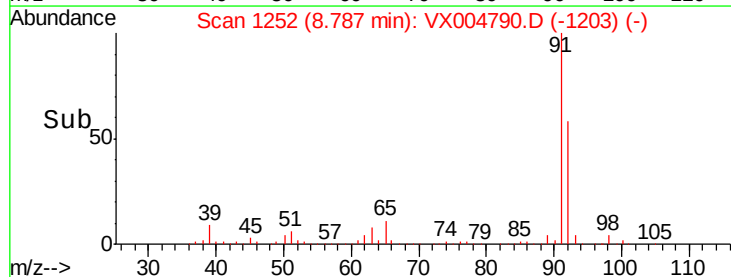
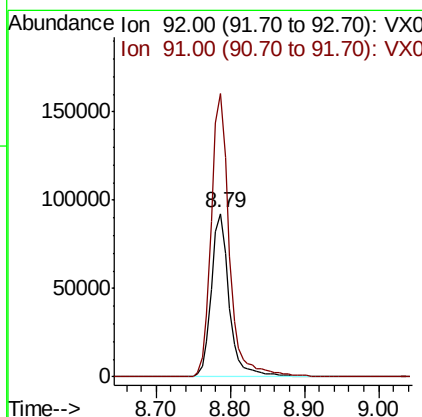
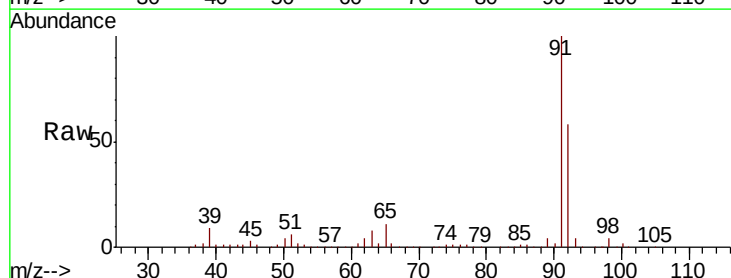
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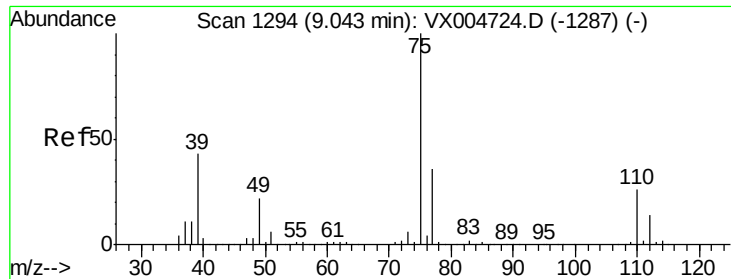
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#52
Toluene
Concen: 21.539 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.6	136.4	204.6





#53

t-1,3-Dichloropropene

Concen: 19.958 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tot Ion: 75 Resp: 84402

Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0

Instrument :

MSVOA_X

ClientSampleId :

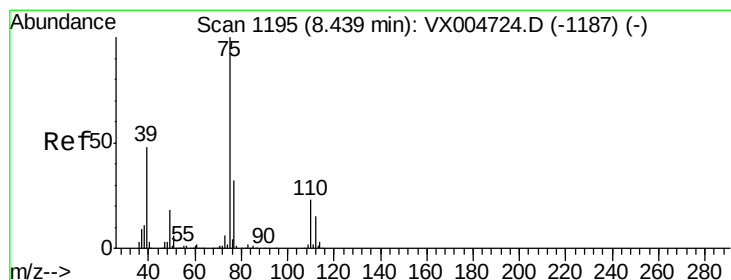
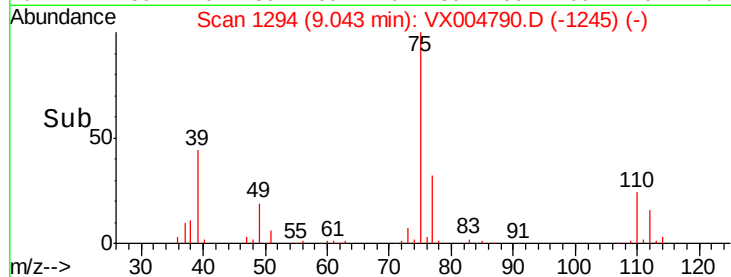
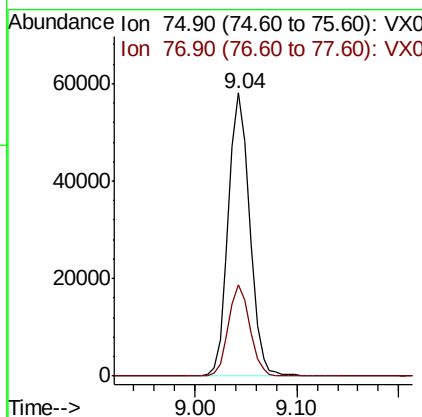
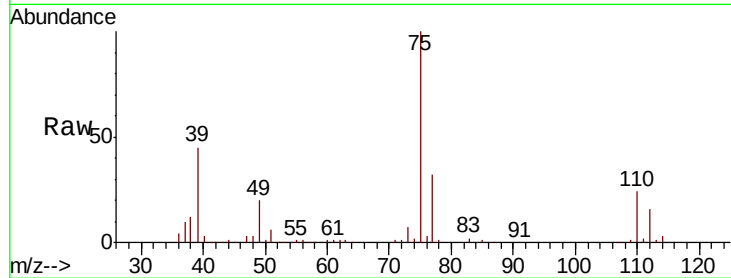
VX0927WBS02

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#54

cis-1,3-Dichloropropene

Concen: 21.340 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

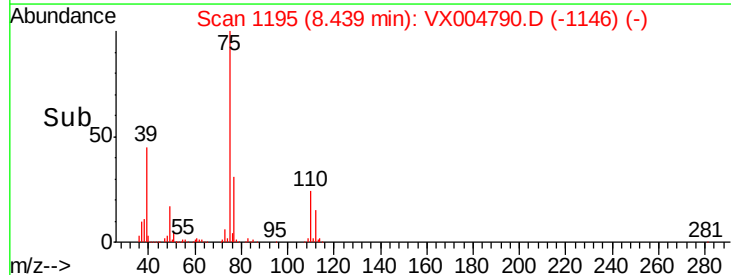
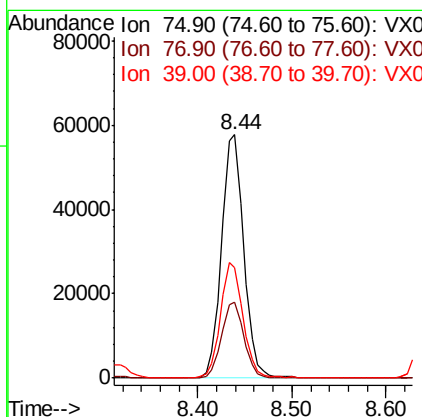
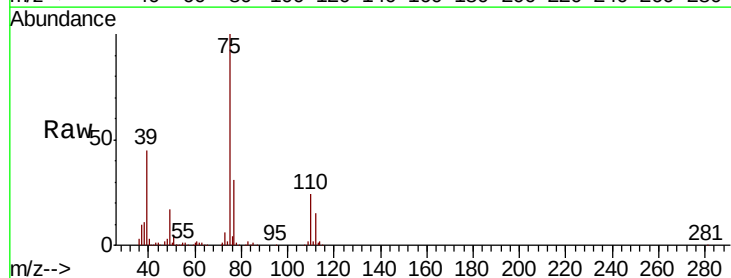
Tgt Ion: 75 Resp: 94527

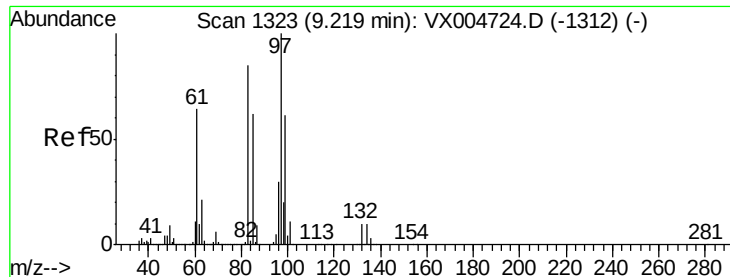
Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

39 45.2 36.4 54.6





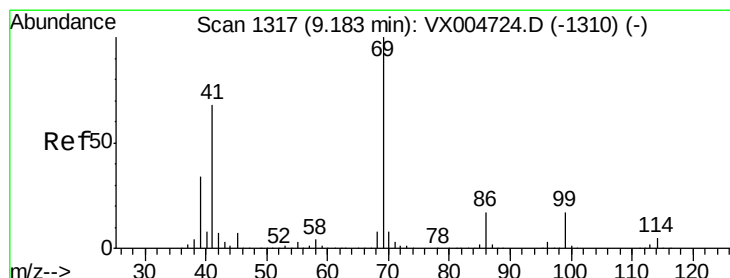
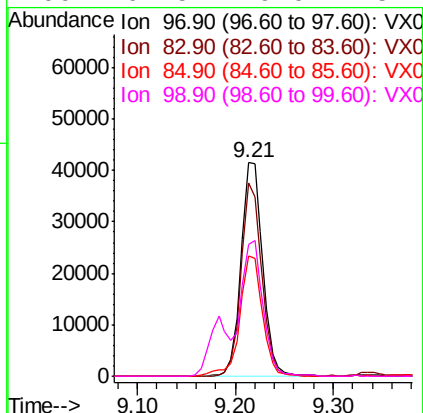
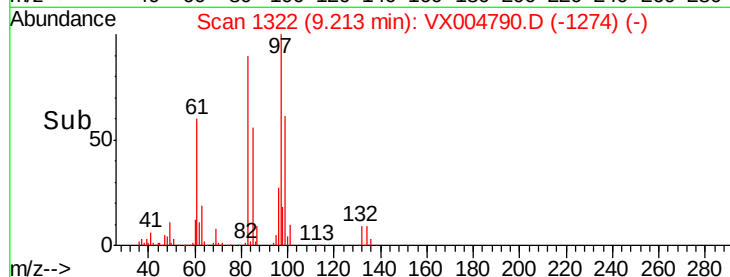
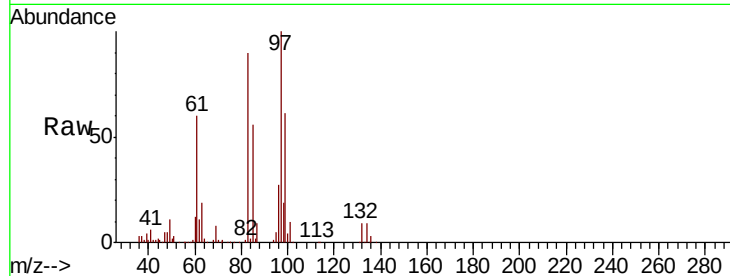
#55
 1,1,2-Trichloroethane
 Concen: 20.496 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Tot Ion:	97	Resp:	63983
Ion	Ratio	Lower	Upper
97	100		
83	90.3	66.4	99.6
85	56.2	43.3	64.9
99	61.5	49.0	73.4

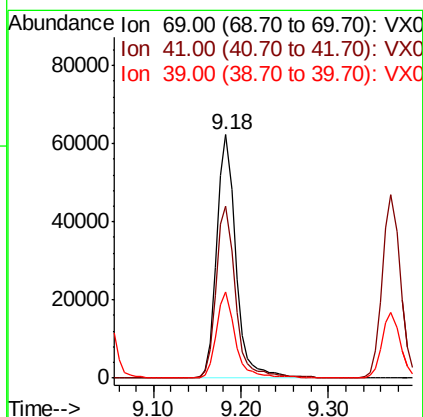
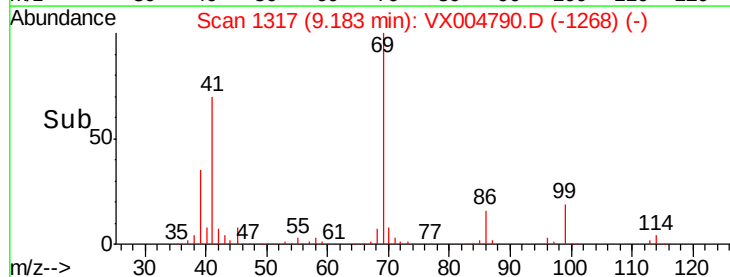
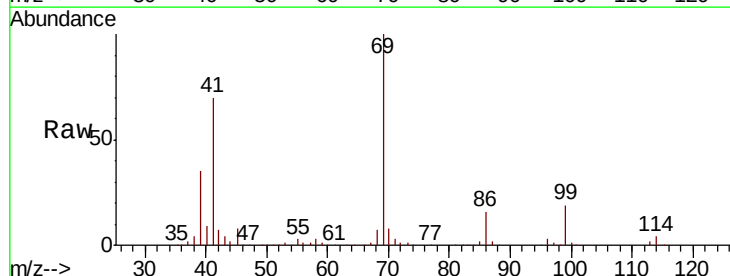
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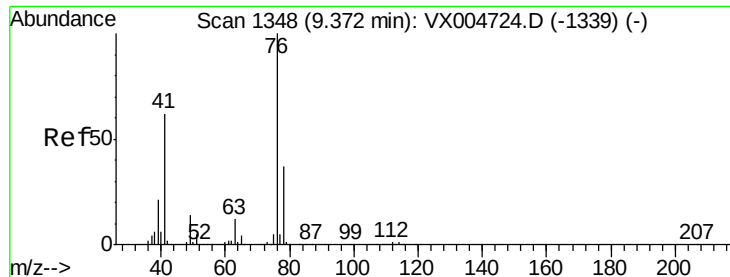
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#56
 Ethyl methacrylate
 Concen: 20.469 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion:	69	Resp:	94604
Ion	Ratio	Lower	Upper
69	100		
41	71.2	51.0	76.4
39	34.2	26.1	39.1





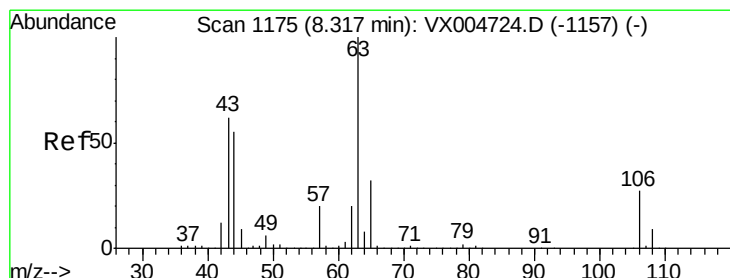
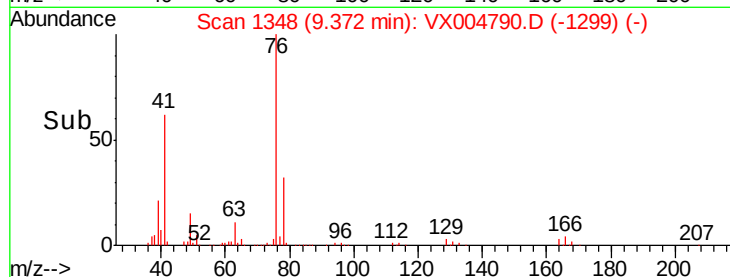
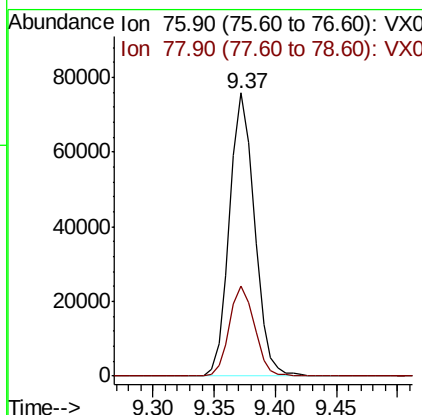
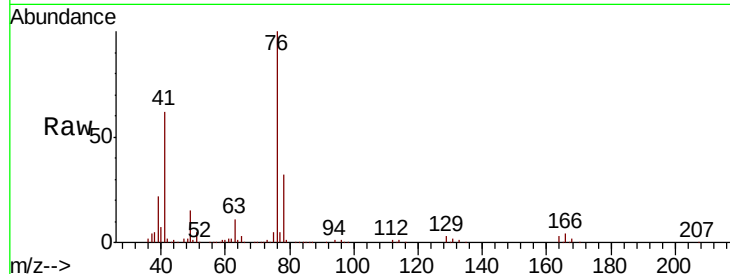
#57
 1,3-Dichloropropane
 Concen: 20.692 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

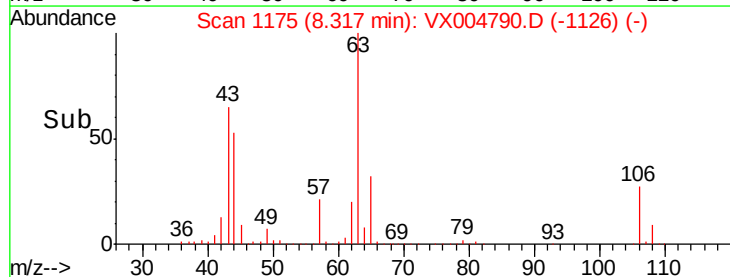
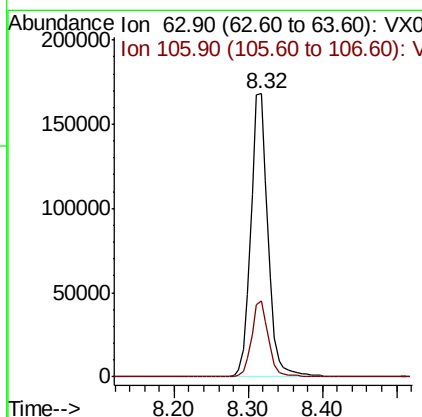
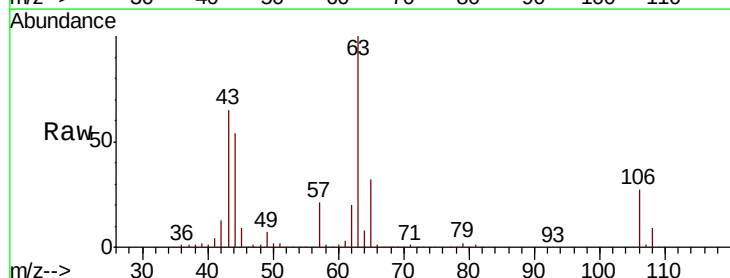
Manual Integrations
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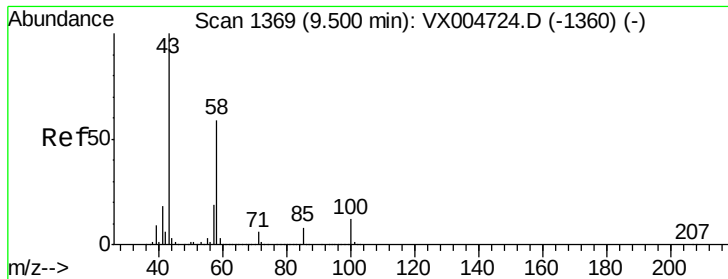
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#58
 2-Chloroethyl Vinyl ether
 Concen: 110.049 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.4	23.9	35.9





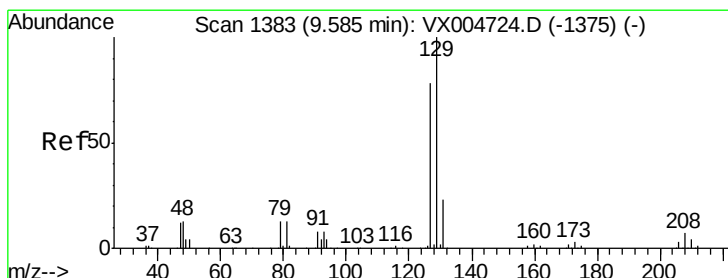
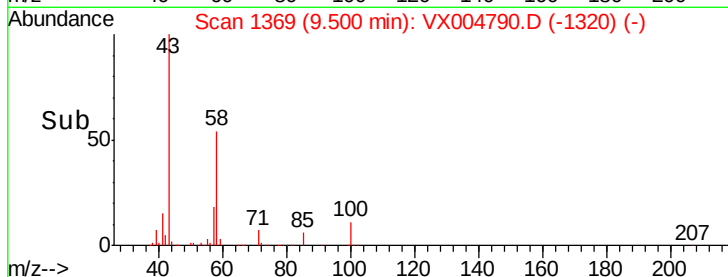
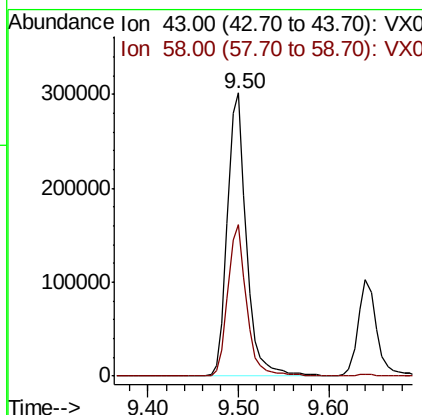
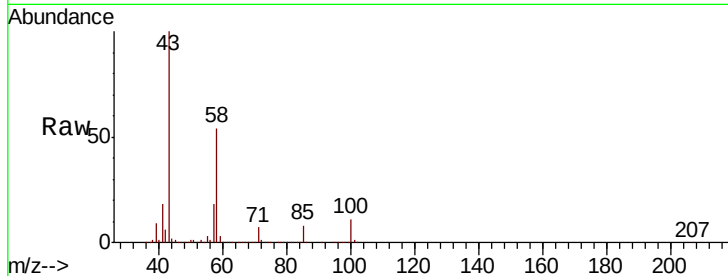
#59
2-Hexanone
Concen: 105.711 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	43	Resp	440238
Ion	Ratio	Lower	Upper
43	100		
58	52.7	29.0	87.0

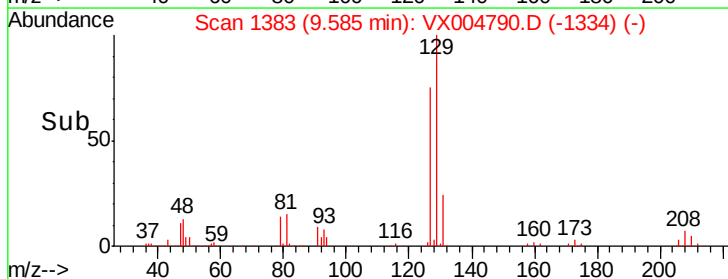
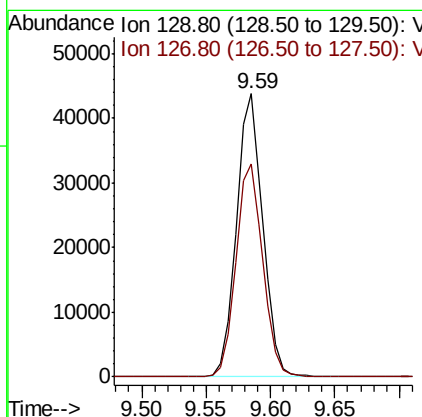
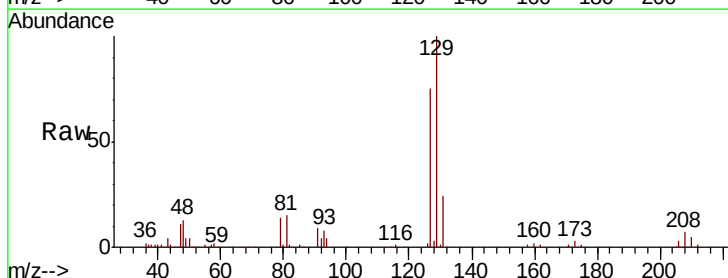
Manual Integrations
APPROVED

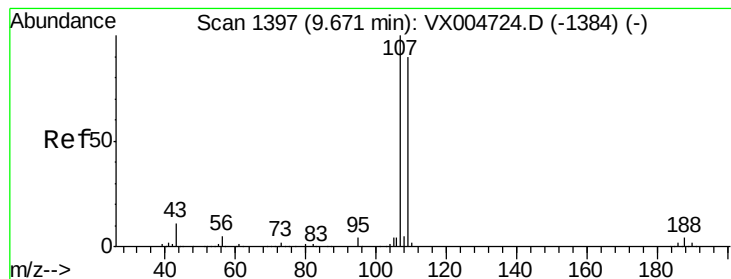
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#60
Dibromochloromethane
Concen: 19.852 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	129	Resp	61976
Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.5	115.5





#61

1,2-Dibromoethane

Concen: 19.812 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

Tot Ion:107 Resp: 66233

Ion Ratio Lower Upper

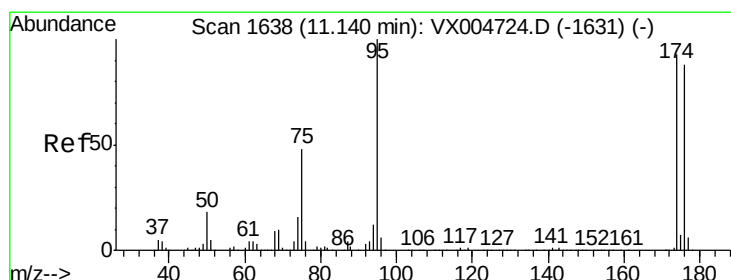
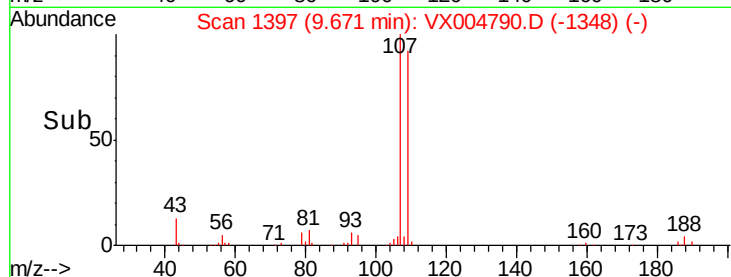
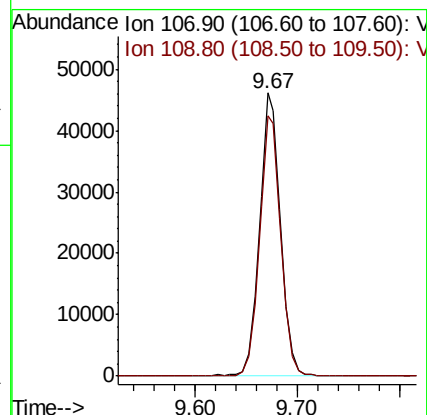
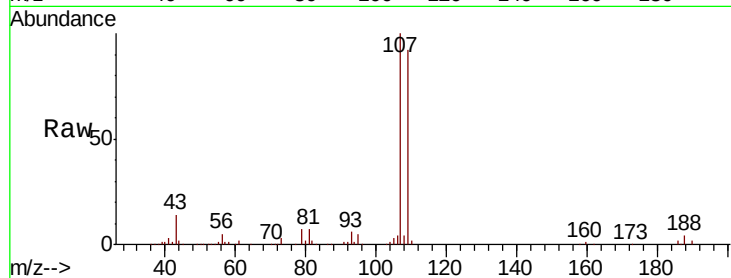
107 100

109 93.9 76.0 114.0

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 53.554 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

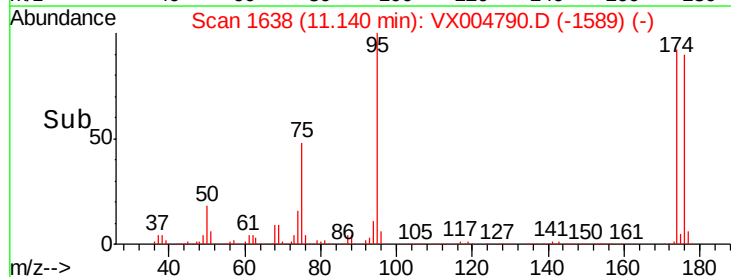
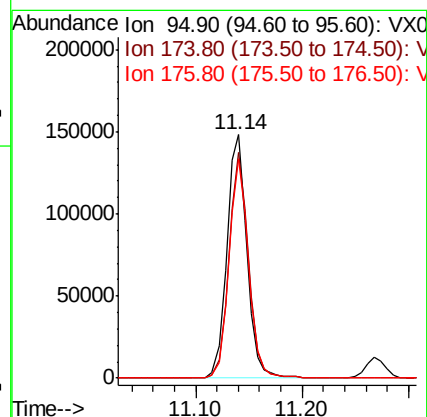
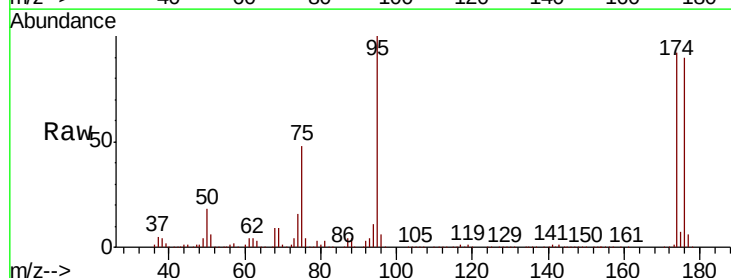
Tgt Ion: 95 Resp: 194751

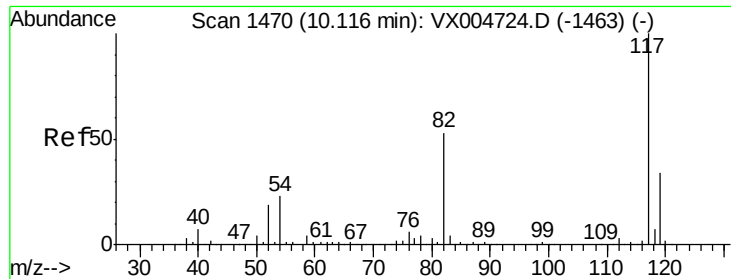
Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.2

176 88.0 0.0 178.6





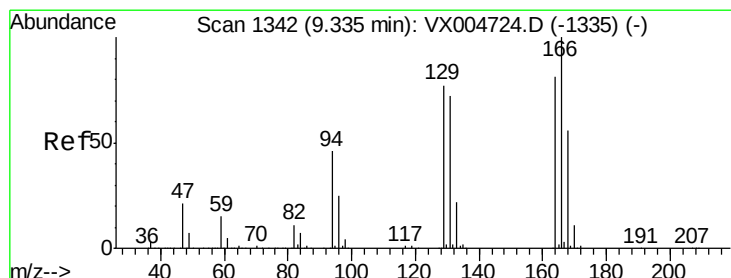
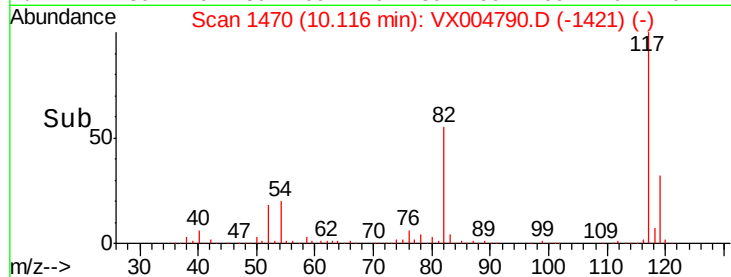
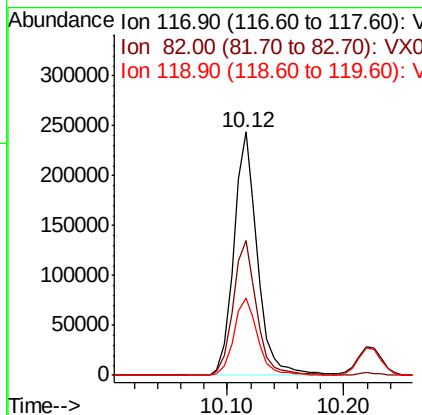
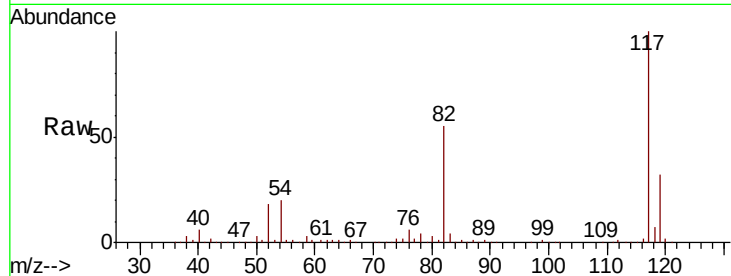
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	47.8	71.6
119	31.9	29.3	43.9

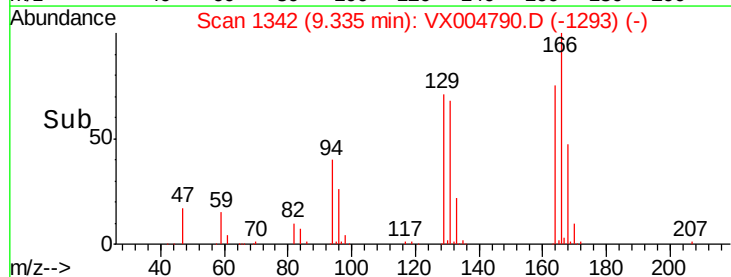
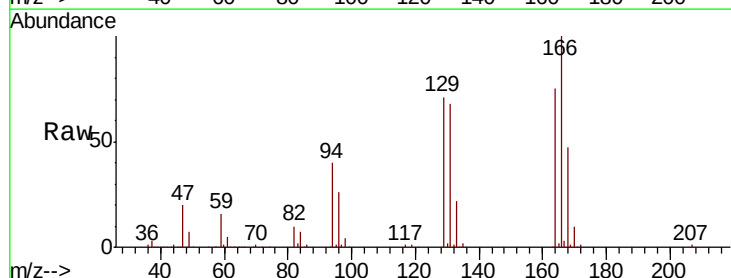
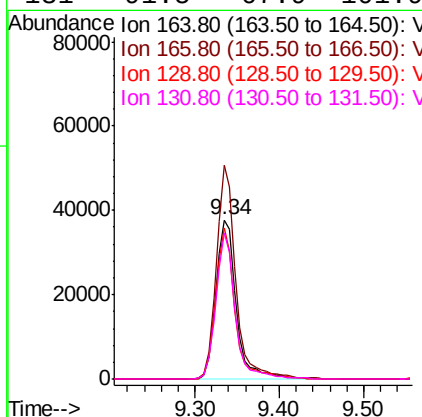
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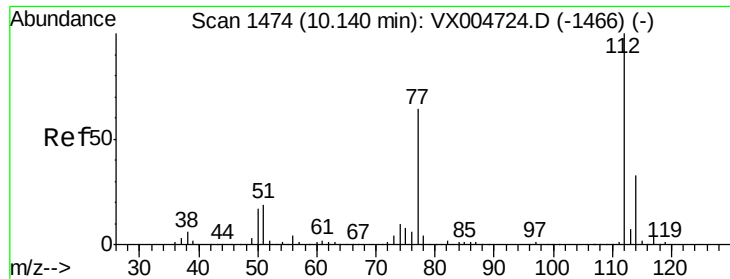
MMDadoda
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#64
Tetrachloroethene
Concen: 18.824 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.1	102.8	154.2
129	95.1	69.4	104.0
131	91.5	67.9	101.9





#65

Chlorobenzene

Concen: 19.369 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS02

Tot Ion:112 Resp: 169635

Ion Ratio Lower Upper

112 100

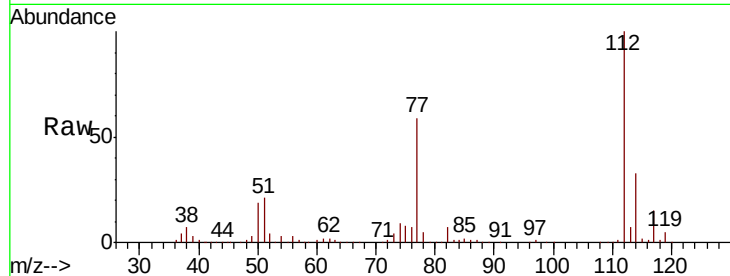
114 32.6 27.8 41.8

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

10.14

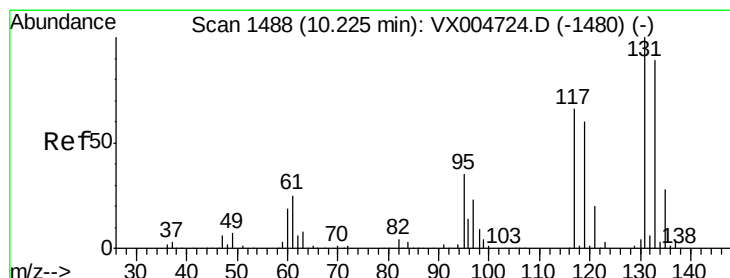
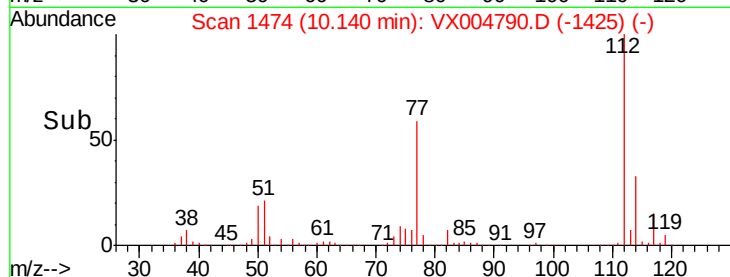
100000

50000

0

Time-->

10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 19.231 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

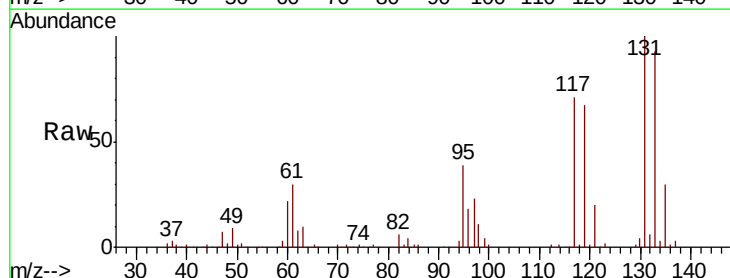
Tgt Ion:131 Resp: 59211

Ion Ratio Lower Upper

131 100

133 95.3 48.1 144.4

119 66.1 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

10.22

100000

80000

60000

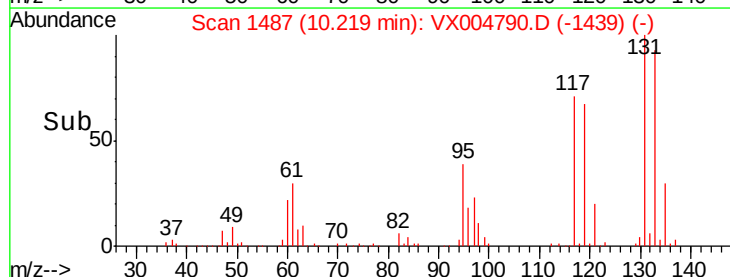
40000

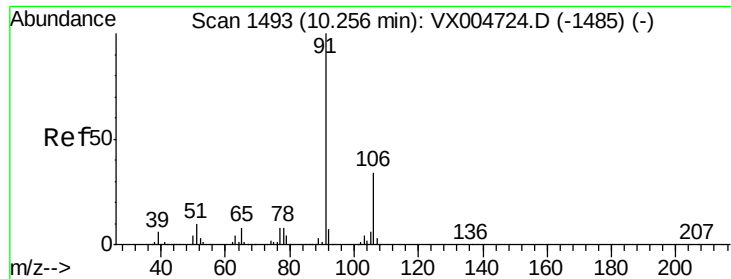
20000

0

Time-->

10.20 10.30





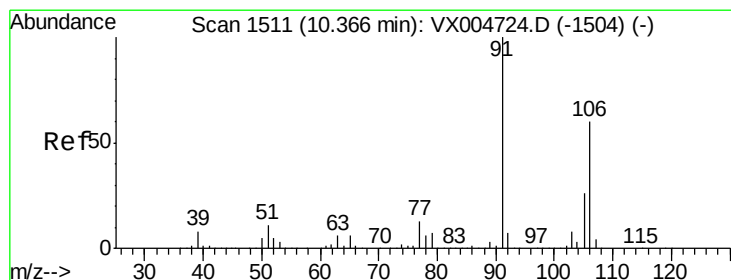
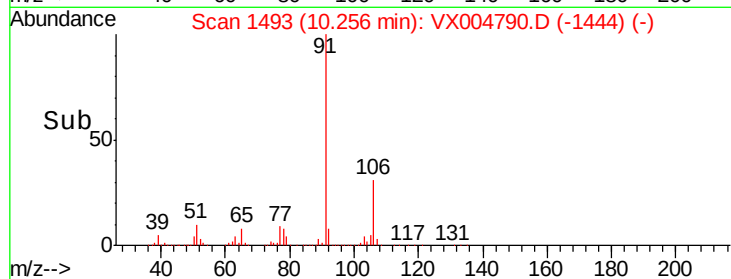
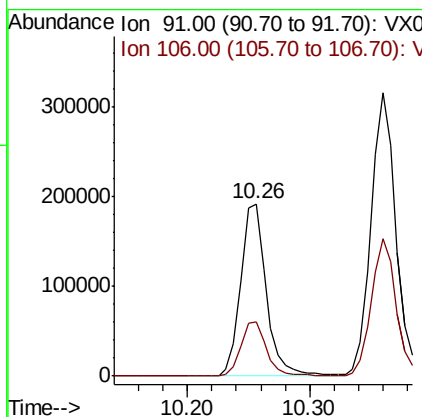
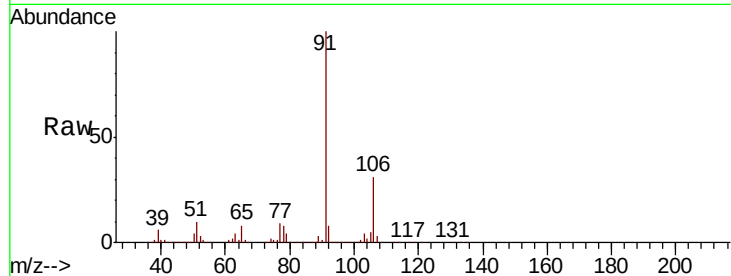
#67
Ethyl Benzene
Concen: 20.130 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampled :
VX0927WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.9	38.9

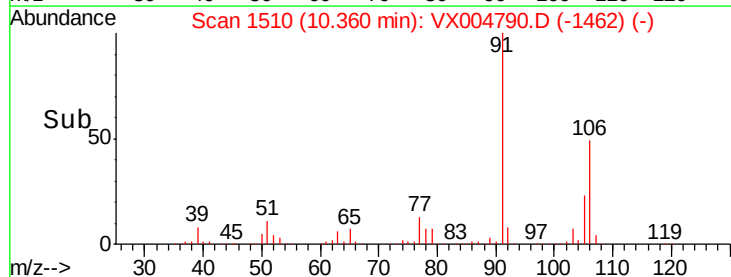
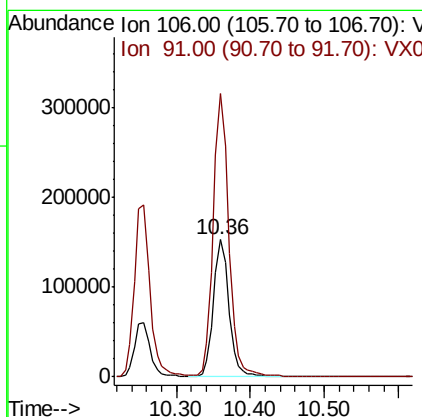
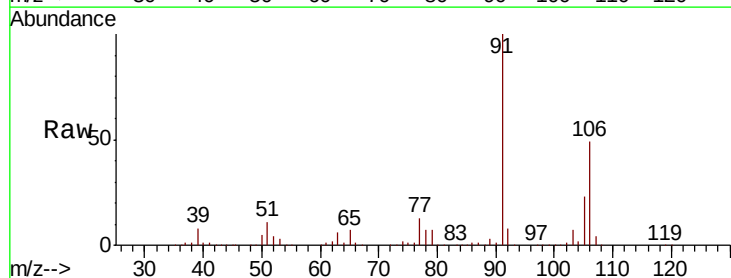
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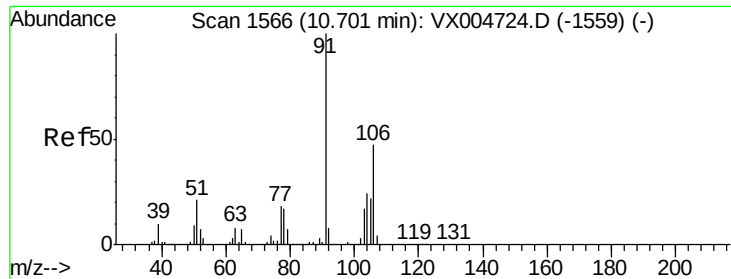
MMDadoda
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#68
m/p-Xylenes
Concen: 40.831 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.8	157.1	235.7





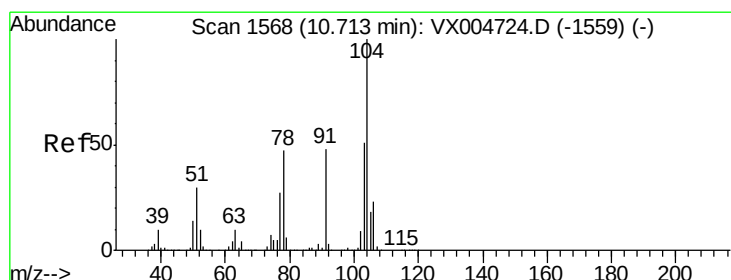
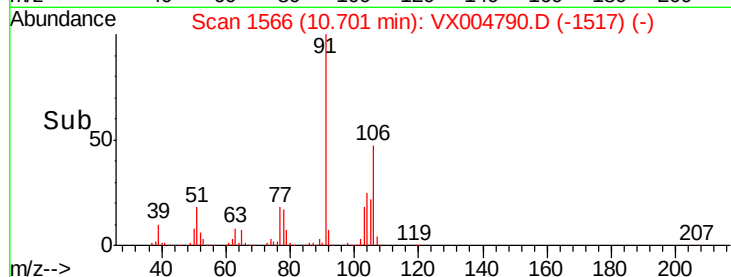
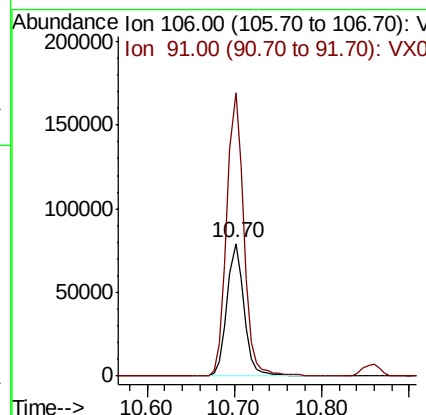
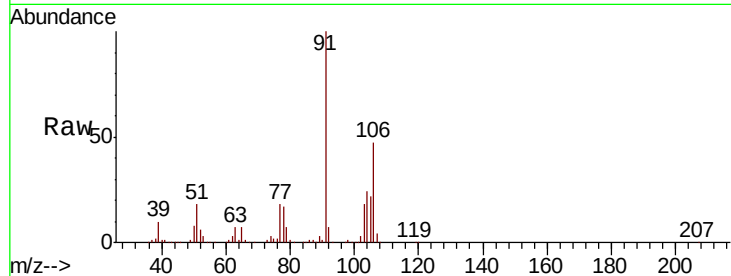
#69
o-Xylene
Concen: 21.361 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	106604		
91	91	214.6	105.1	315.1	

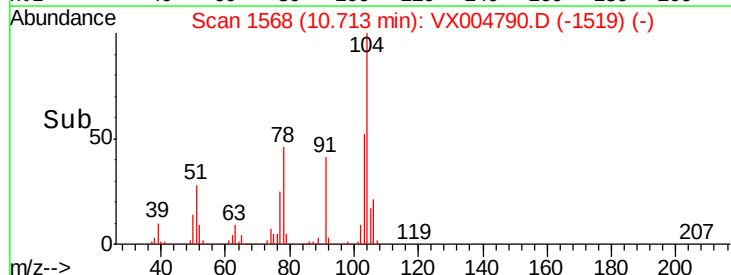
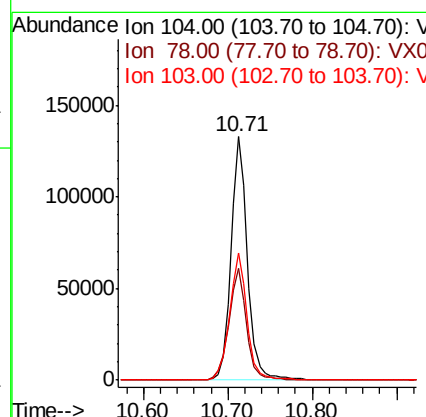
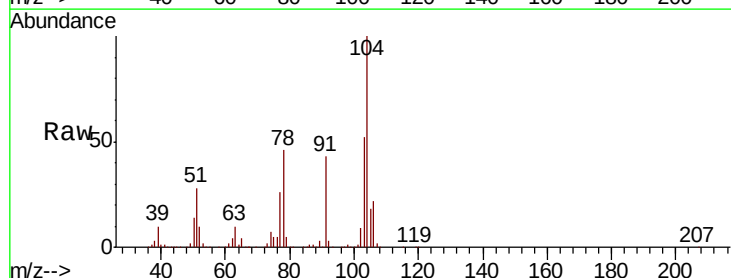
Manual Integrations
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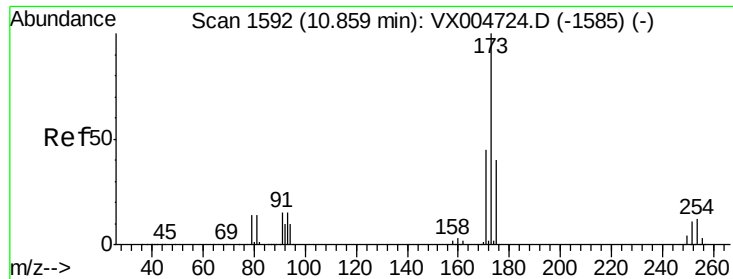
MMDadoda
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#70
Styrene
Concen: 20.383 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	177886		
78	78	49.7	37.4	56.0	
103	103	55.9	43.8	65.6	





#71

Bromoform

Concen: 18.806 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

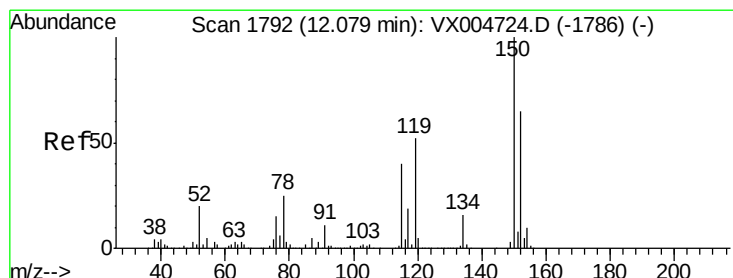
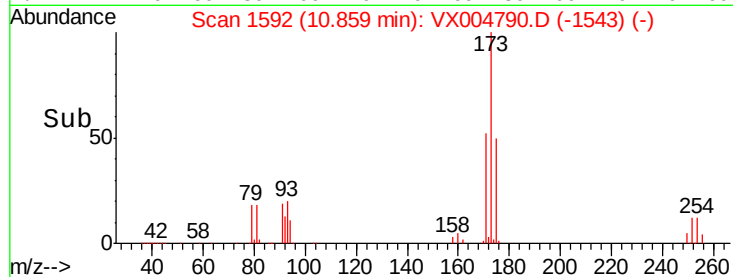
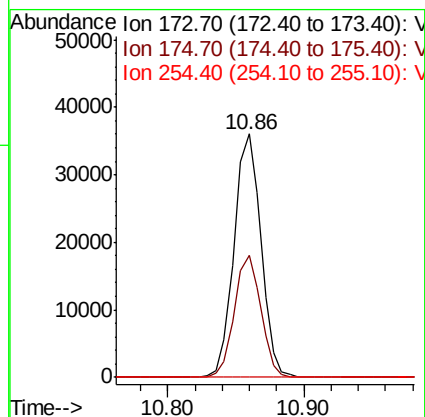
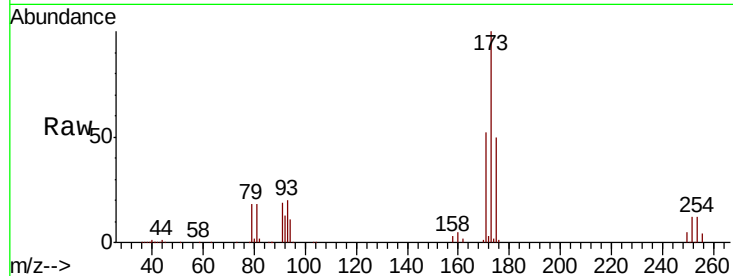
ClientSampleId :

VX0927WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.3
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

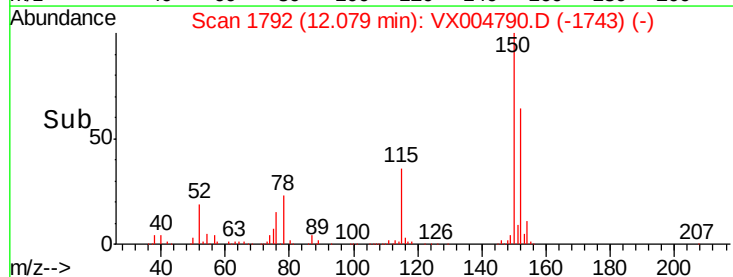
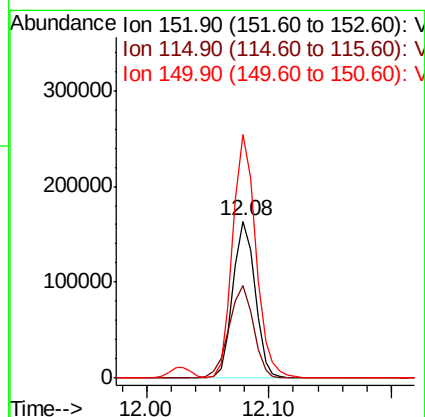
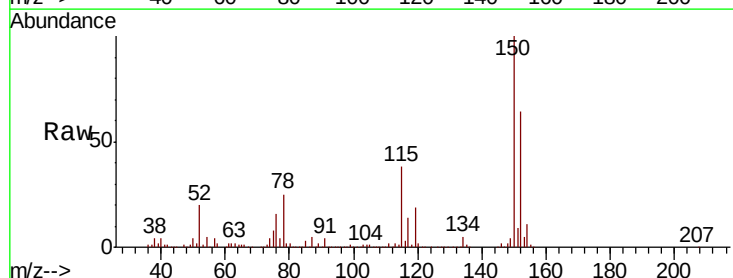
RT: 12.08 min Scan# 1792

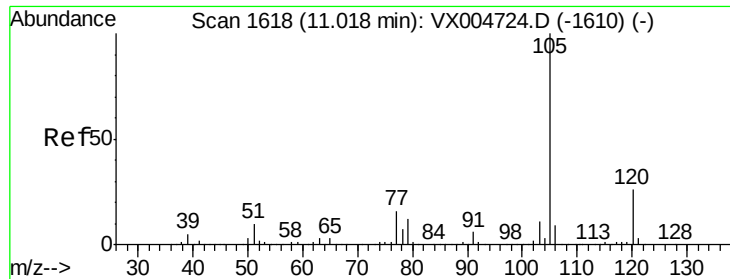
Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	39.0	117.0
150	162.8	0.0	351.0





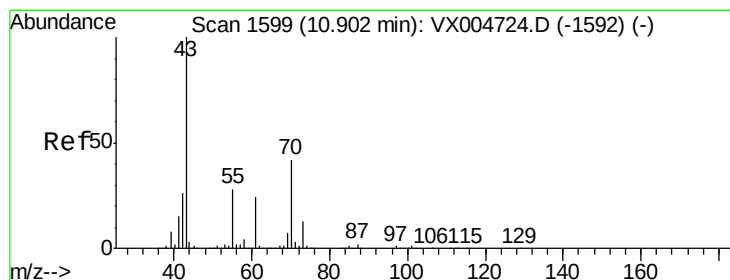
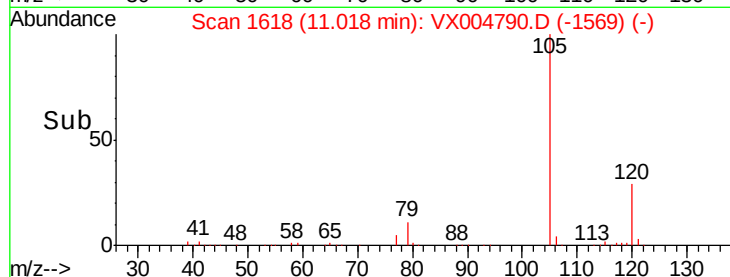
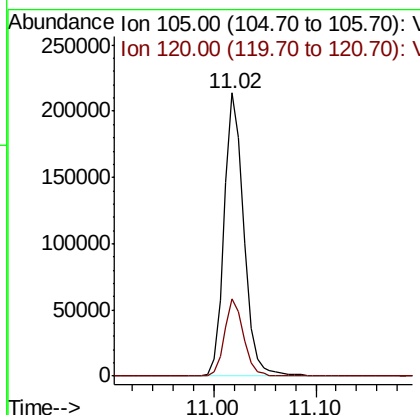
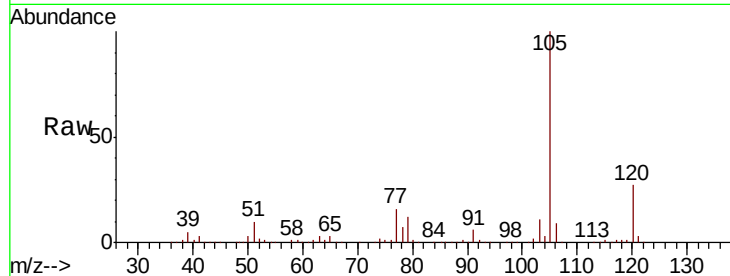
#73
Isopropylbenzene
Concen: 22.230 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion: 105 Resp: 285602
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

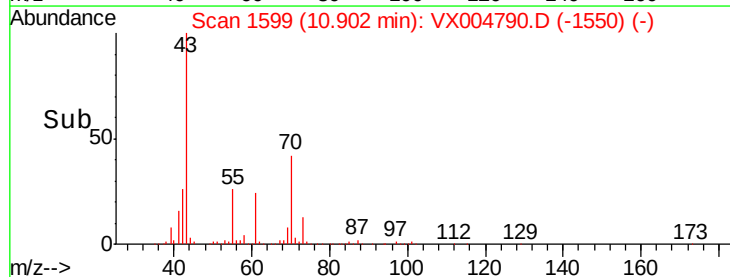
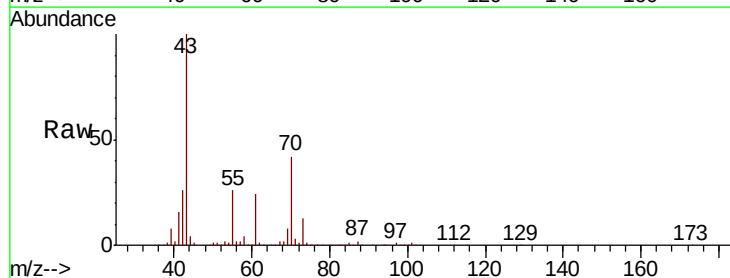
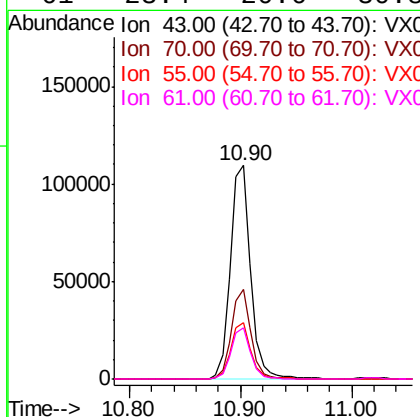
Manual Integrations
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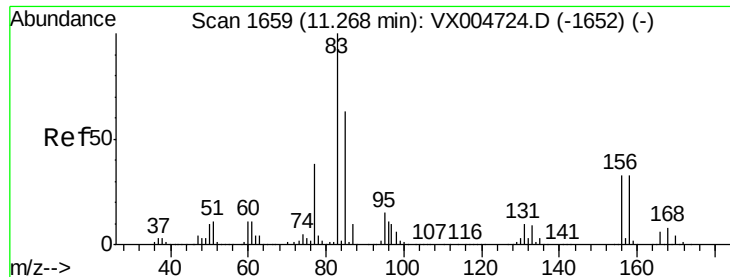
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#74
N-ethyl acetate
Concen: 20.430 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion: 43 Resp: 136707
Ion Ratio Lower Upper
43 100
70 40.6 37.4 56.0
55 26.2 21.8 32.8
61 23.4 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.660 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS02

Tot Ion: 83 Resp: 102819
Ion Ratio Lower Upper

83 100

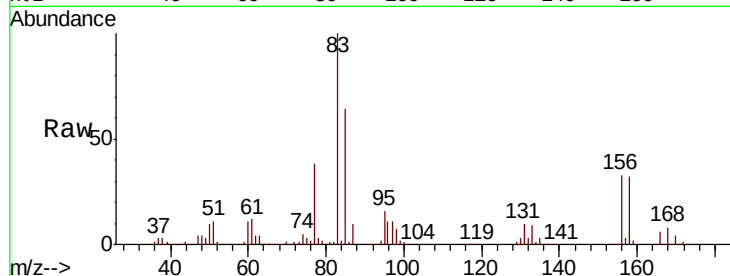
131 10.4 5.2 15.6

85 64.3 32.3 96.8

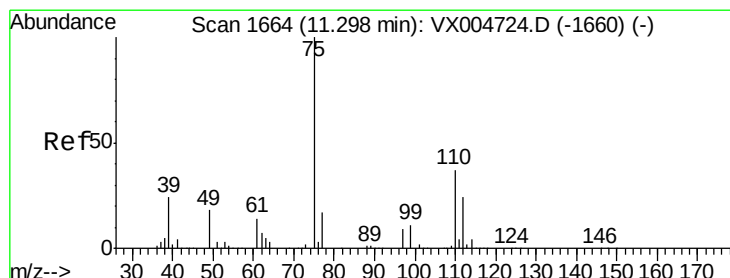
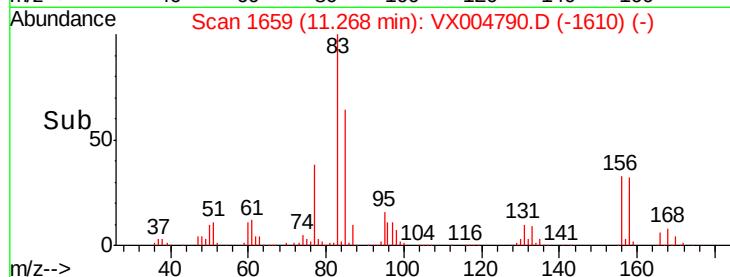
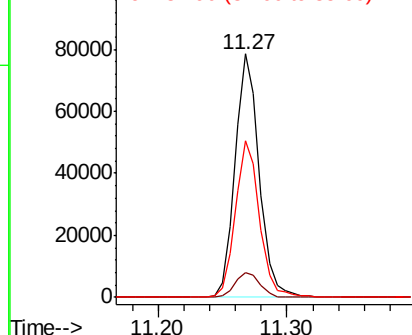
Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.568 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004790.D

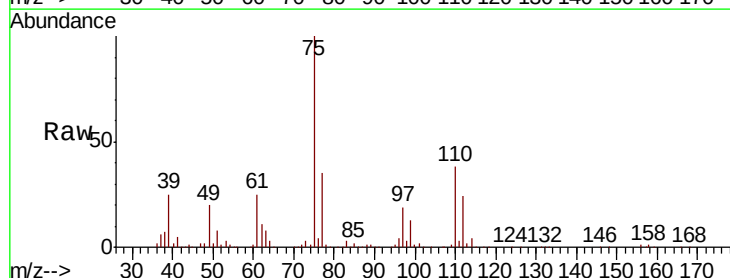
Acq: 27 Sep 2018 23:17

Tgt Ion: 75 Resp: 93964

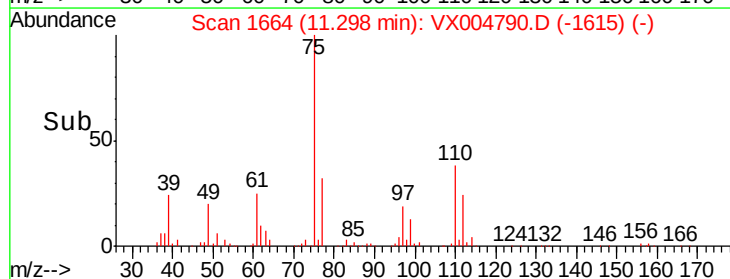
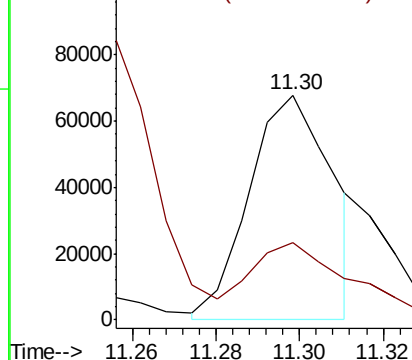
Ion Ratio Lower Upper

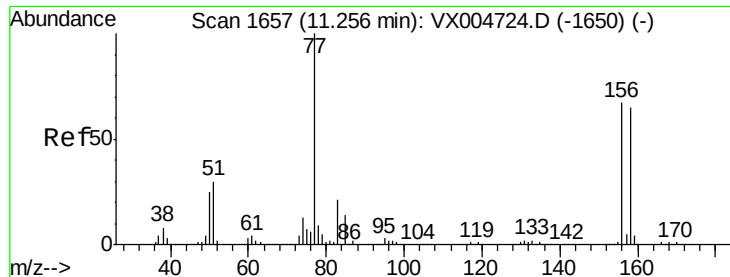
75 100

77 41.1 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.643 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS02

Tot Ion:156 Resp: 77034

Ion Ratio Lower Upper

156 100

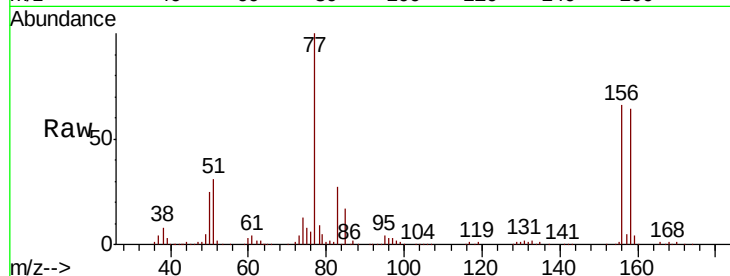
77 148.5 71.5 214.3

158 98.3 48.9 146.8

Manual Integrations
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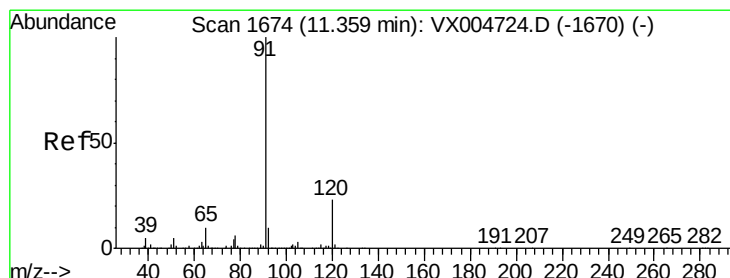
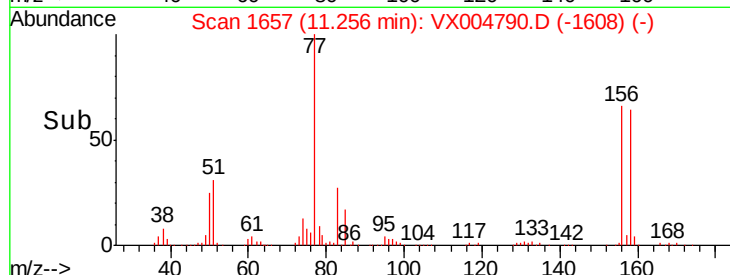
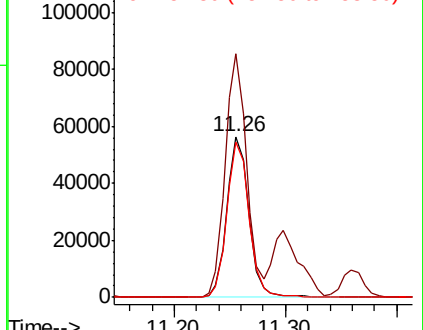
9/28/2018 2:26:10 PM



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: 22.406 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004790.D

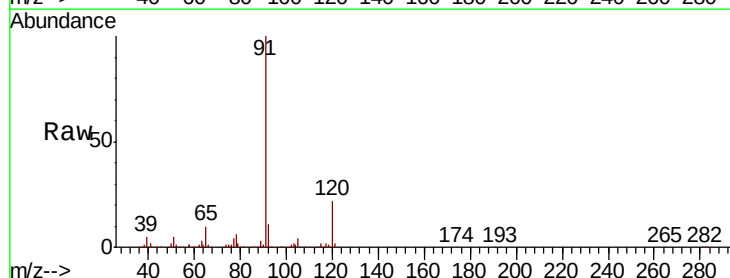
Acq: 27 Sep 2018 23:17

Tgt Ion: 91 Resp: 330294

Ion Ratio Lower Upper

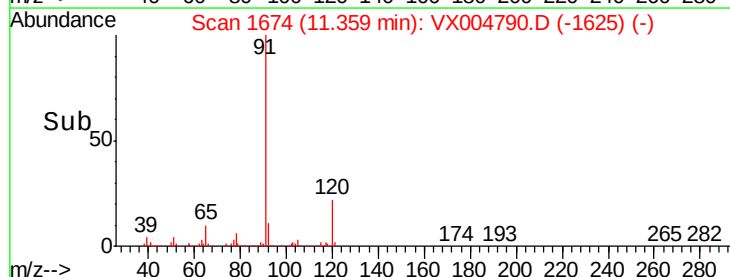
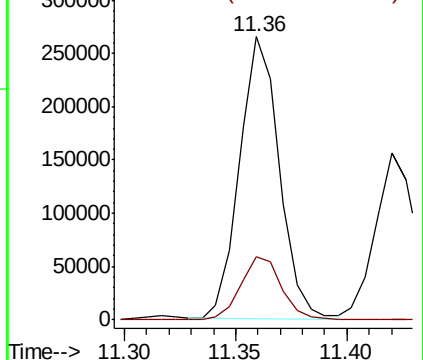
91 100

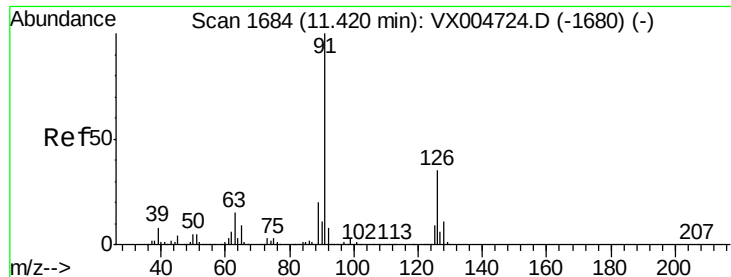
120 23.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





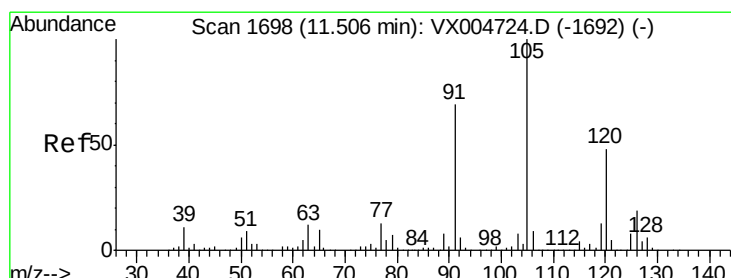
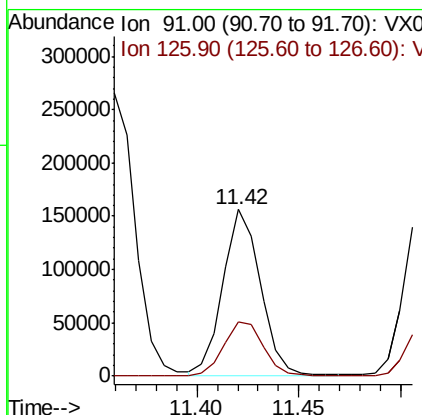
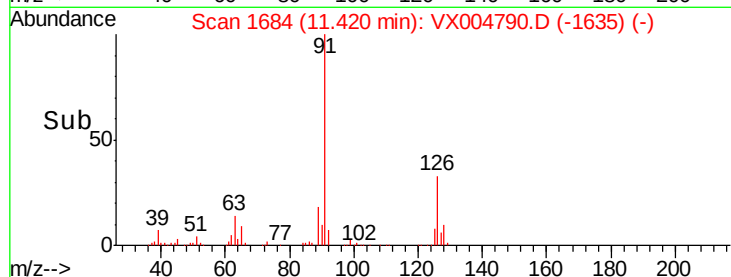
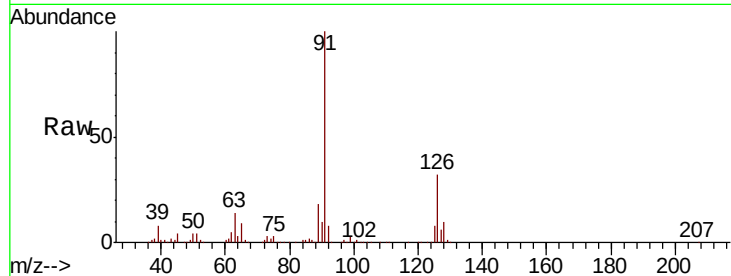
#79
 2-Chlorotoluene
 Concen: 21.679 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Tot Ion: 91 Resp: 199197
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.9 53.7

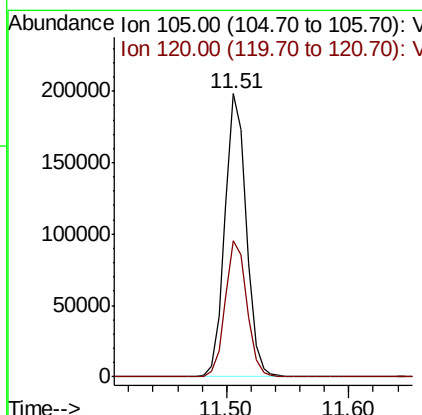
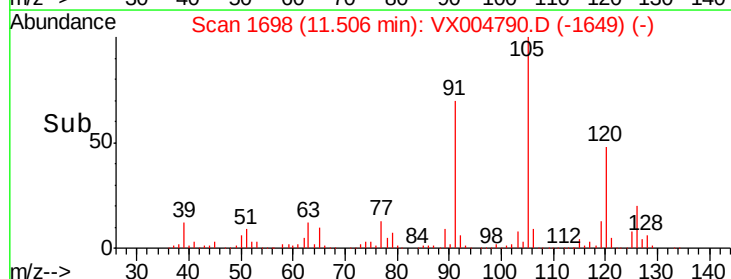
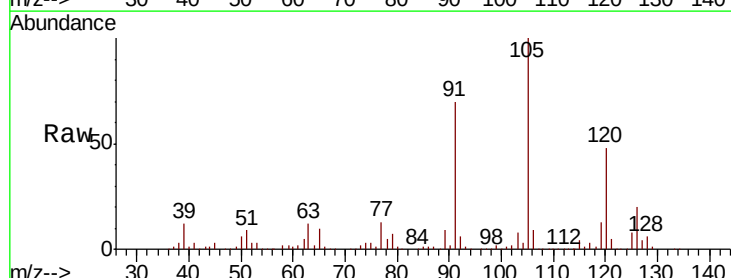
Manual Integrations
 APPROVED

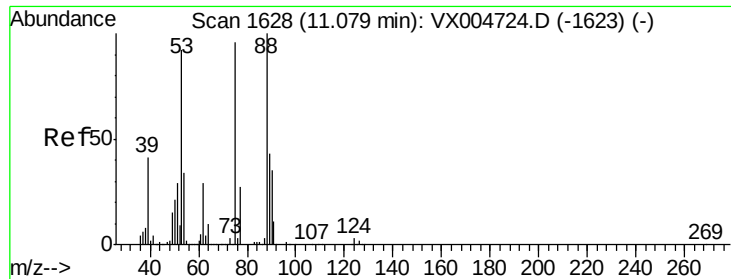
MMDadoda
 9/28/2018 2:26:10 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.190 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion: 105 Resp: 239130
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.6 76.8





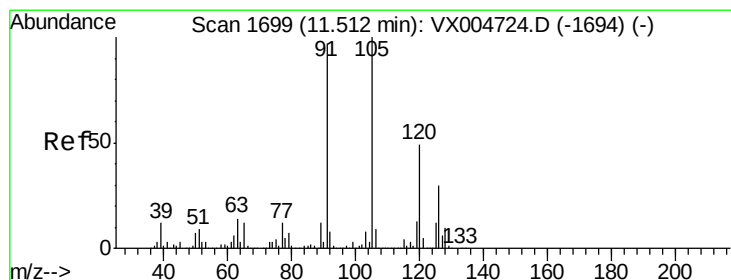
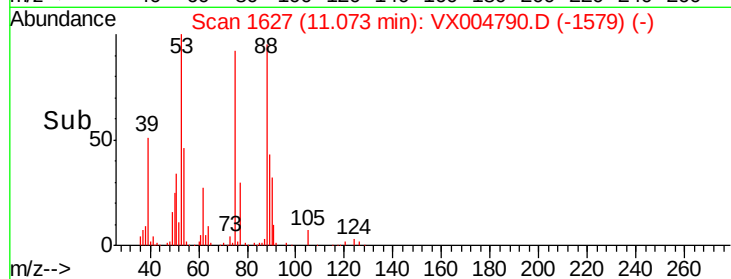
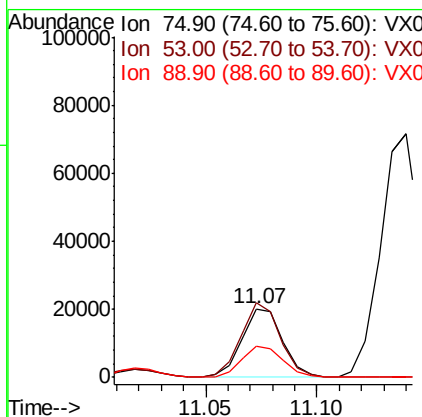
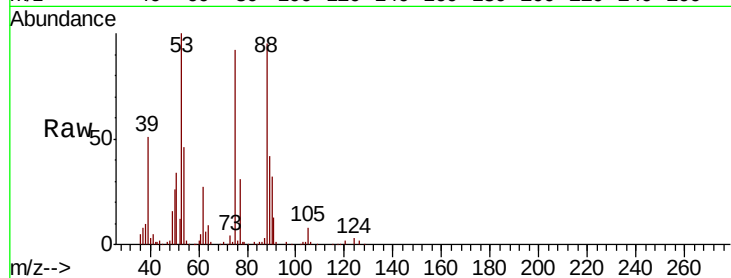
#81
trans-1,4-Dichloro-2-butene
Concen: 16.586 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.7	80.1	120.1
89	46.7	37.2	55.8

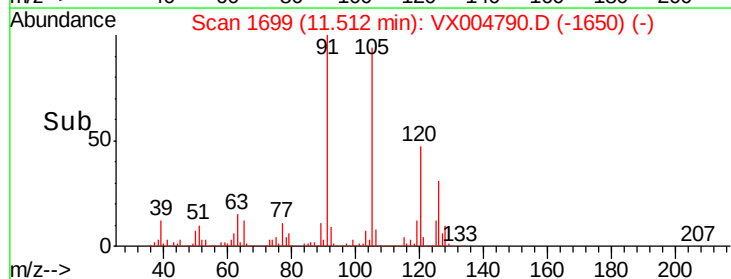
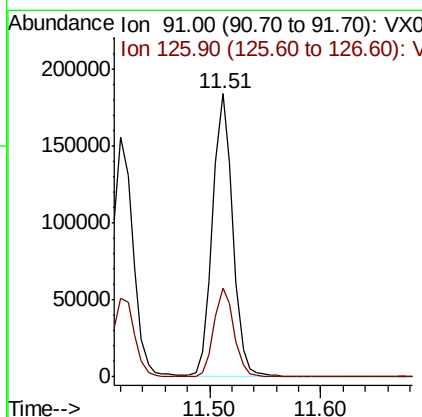
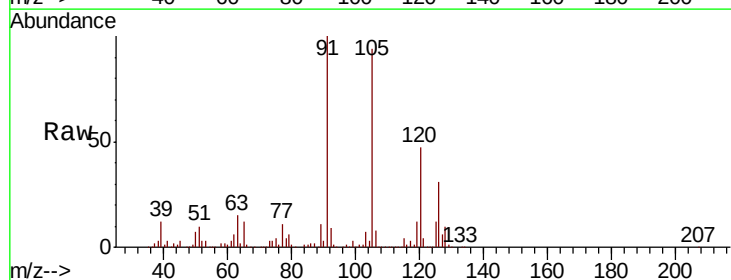
Manual Integrations
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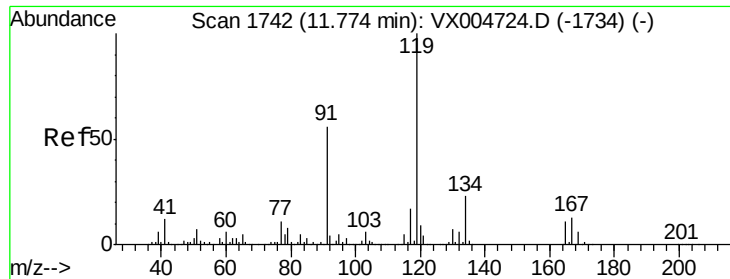
MMDadoda
9/28/2018 2:26:10 PM



#82
4-Chlorotoluene
Concen: 21.555 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.5	46.5





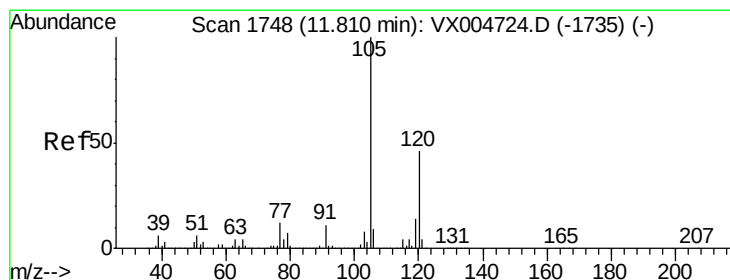
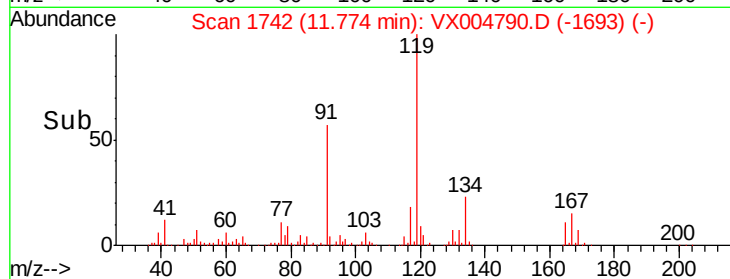
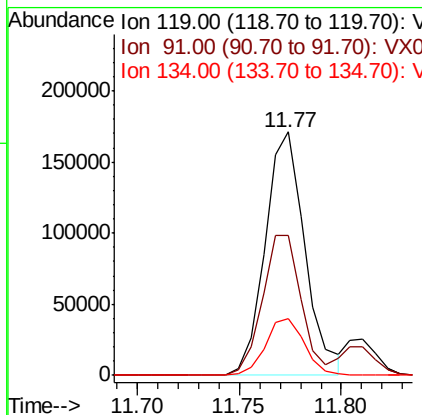
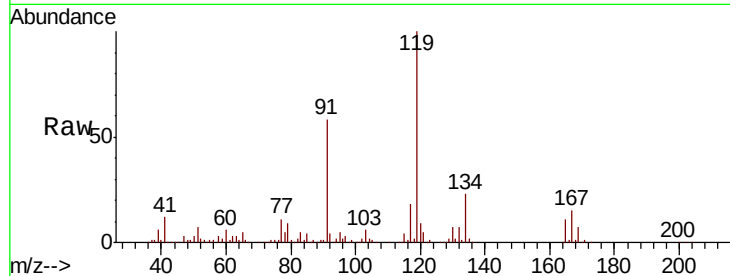
#83
 tert-Butylbenzene
 Concen: 21.998 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	232695		
91	56.2		27.0	81.0
134	23.0		11.7	35.1

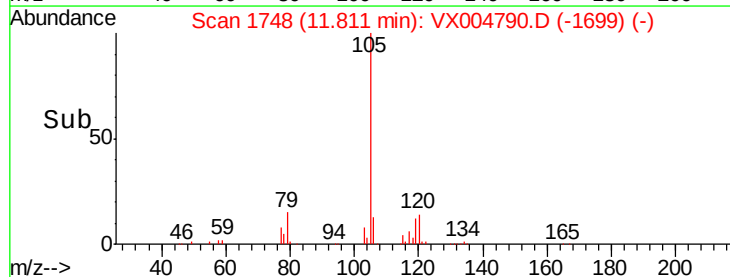
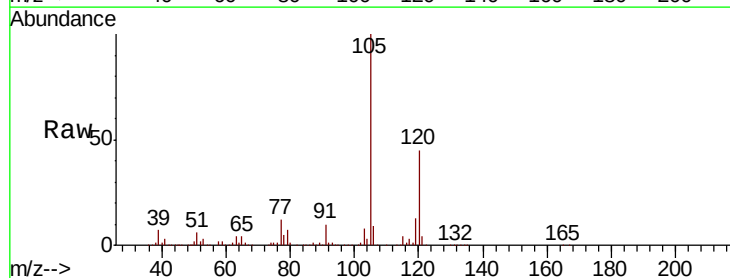
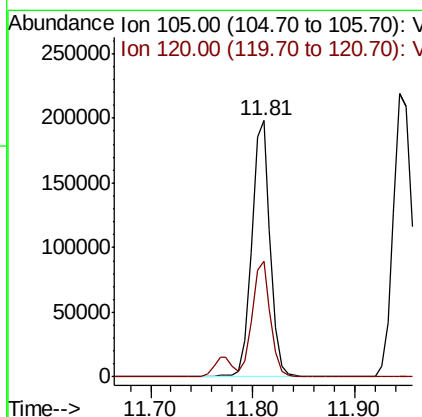
Manual Integrations
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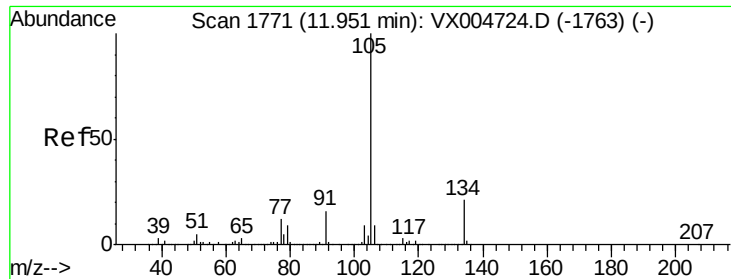
MMDadoda
 9/28/2018 2:26:10 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.481 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250134		
120	44.8		23.2	69.6





#85

sec-Butylbenzene

Concen: 22.021 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS02

Tot Ion:105 Resp: 283726

Ion Ratio Lower Upper

105 100

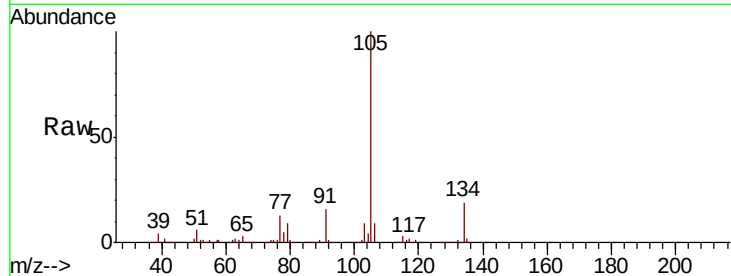
134 20.1 10.5 31.5

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

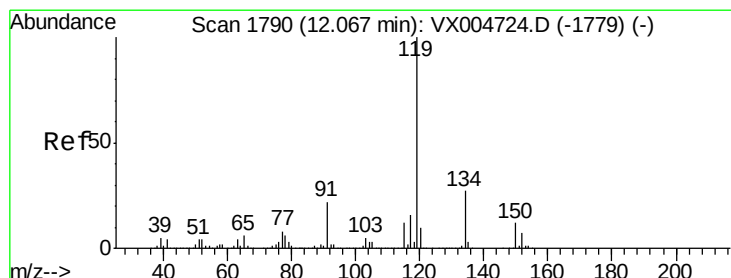
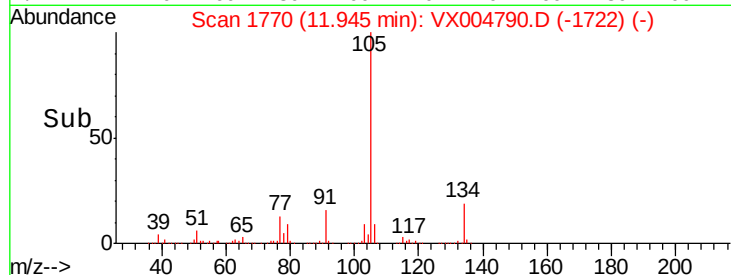
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.805 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

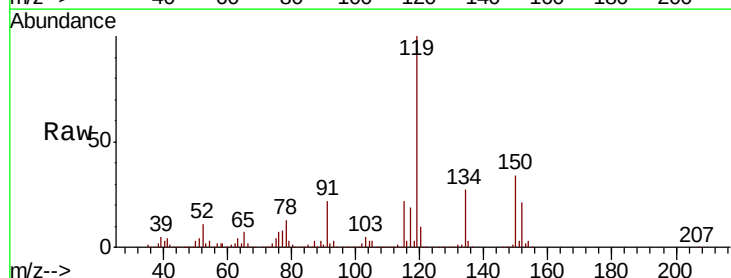
Tgt Ion:119 Resp: 254531

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 23.1 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

300000

250000

200000

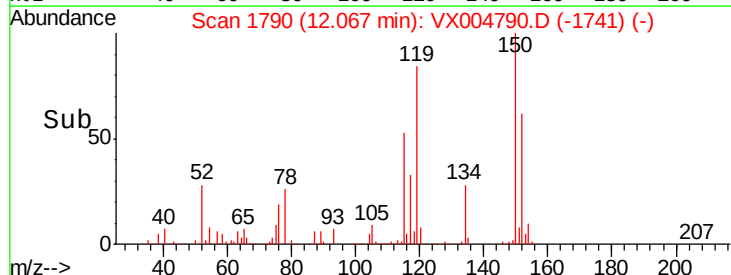
150000

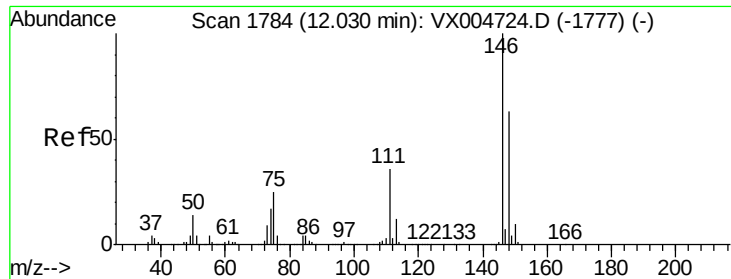
100000

50000

0

Time-->





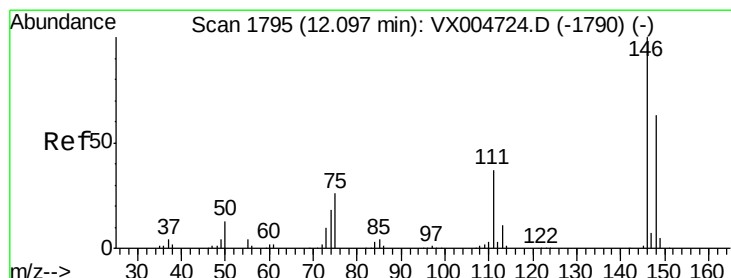
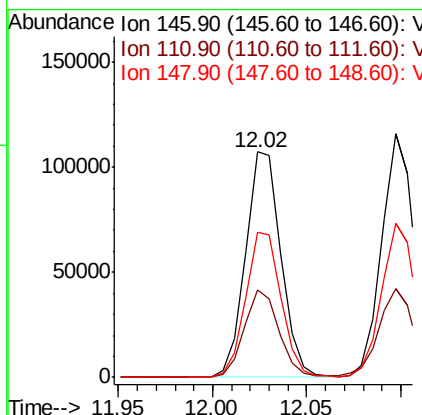
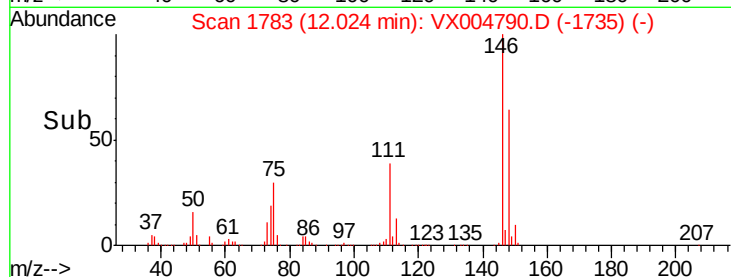
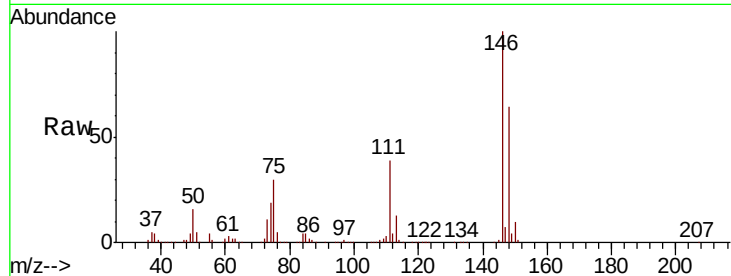
#87
 1,3-Dichlorobenzene
 Concen: 20.159 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0927WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	140468		
111	38.0	18.7	56.1	
148	64.4	32.1	96.5	

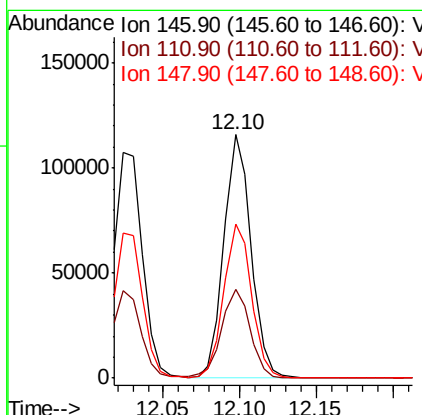
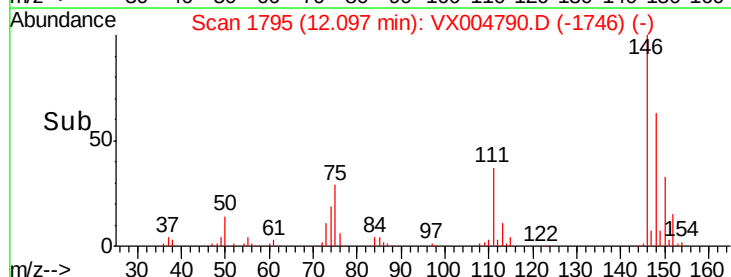
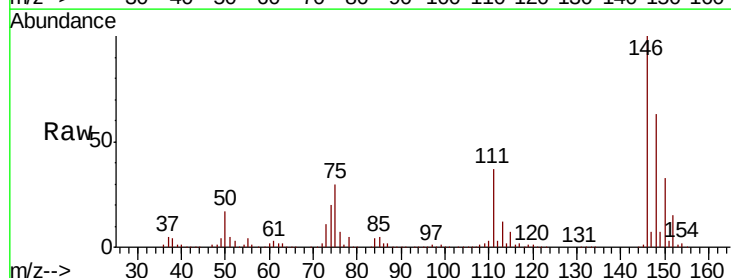
Manual Integrations
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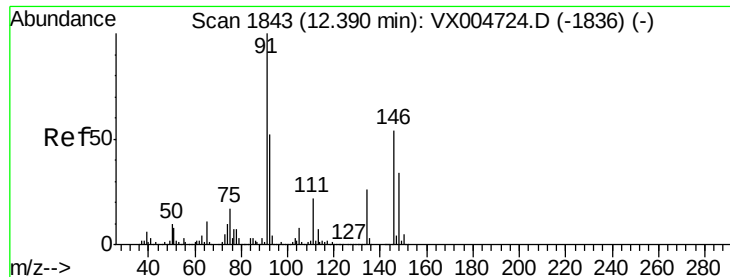
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#88
 1,4-Dichlorobenzene
 Concen: 19.941 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	143435		
111	38.6	18.1	54.1	
148	64.7	32.0	96.0	





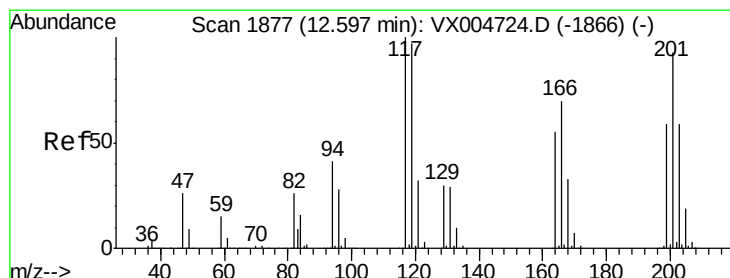
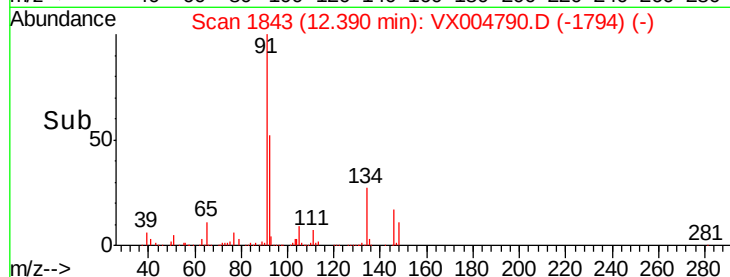
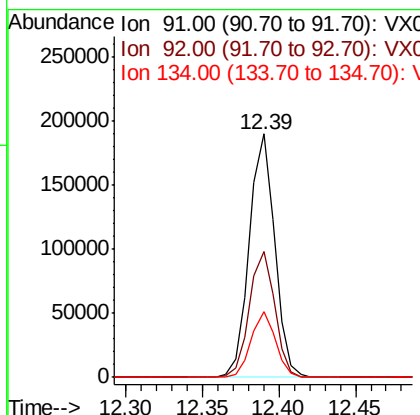
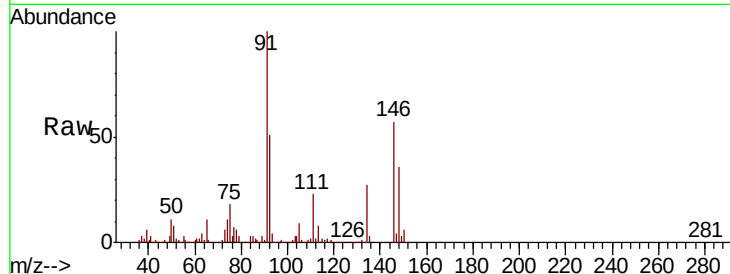
#89
n-Butylbenzene
Concen: 20.711 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	27.3	81.9
134	26.1	13.6	40.7

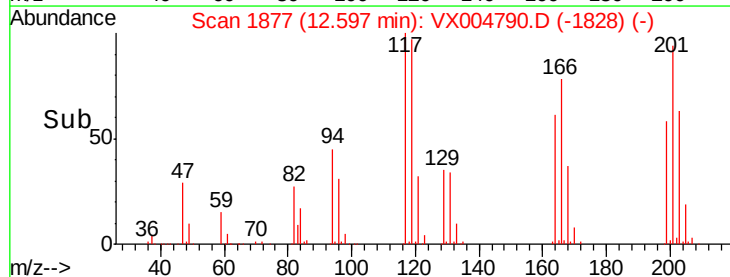
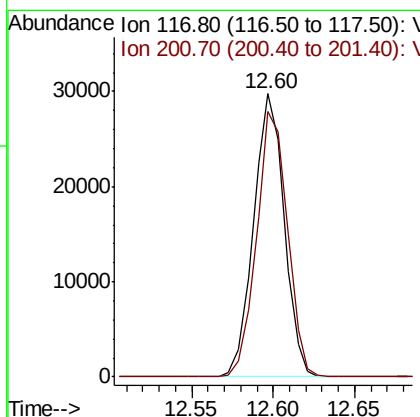
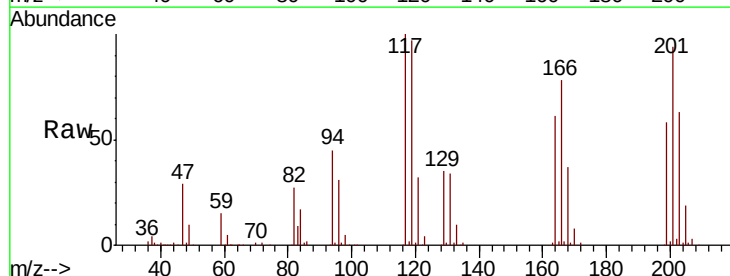
Manual Integrations
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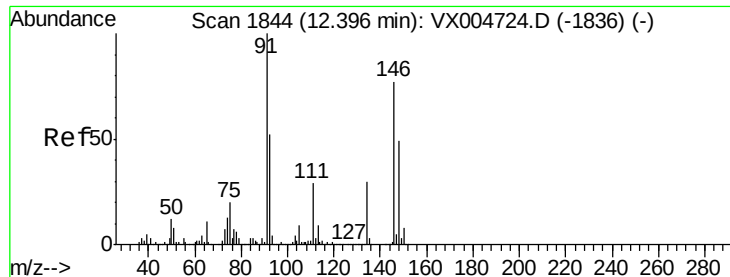
MMDadoda
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#90
Hexachloroethane
Concen: 20.028 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.3	46.9	140.6





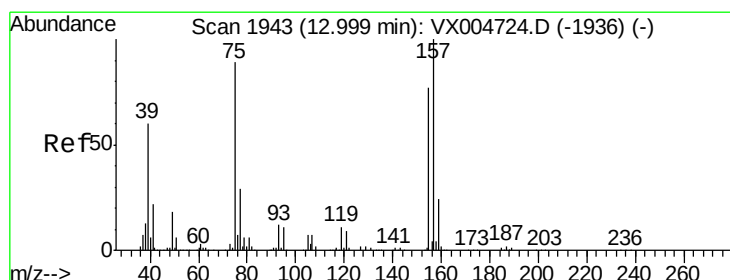
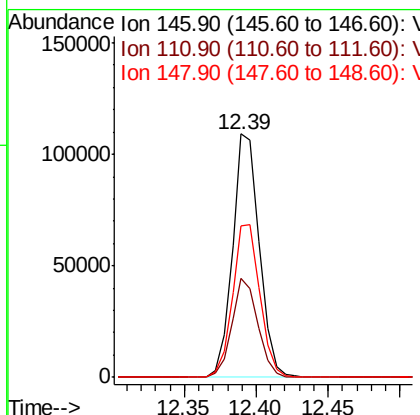
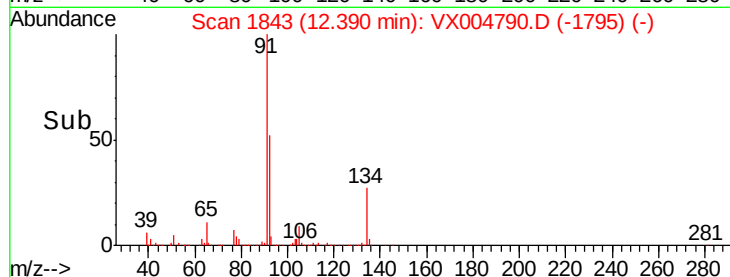
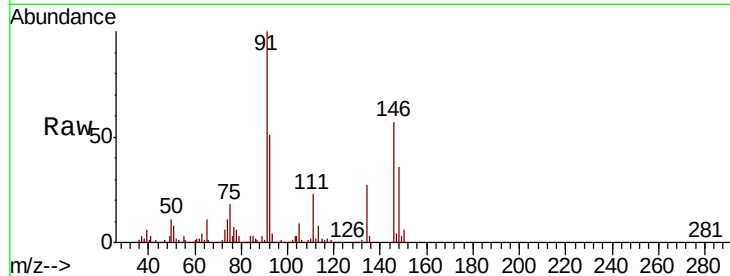
#91
 1,2-Dichlorobenzene
 Concen: 19.497 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.1
148	64.0	32.8	98.3

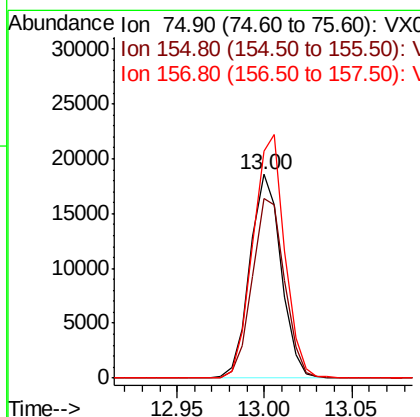
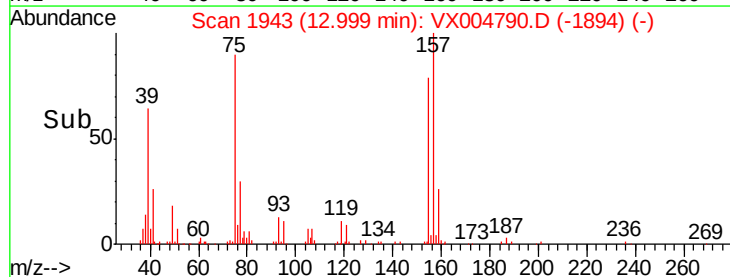
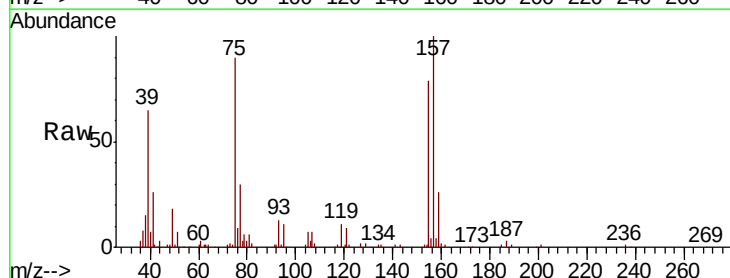
Manual Integrations
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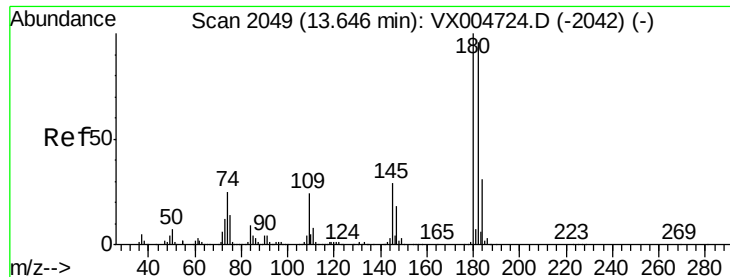
MMDadoda
 9/28/2018 2:26:10 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.060 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	48.0	144.2
157	121.2	61.4	184.1





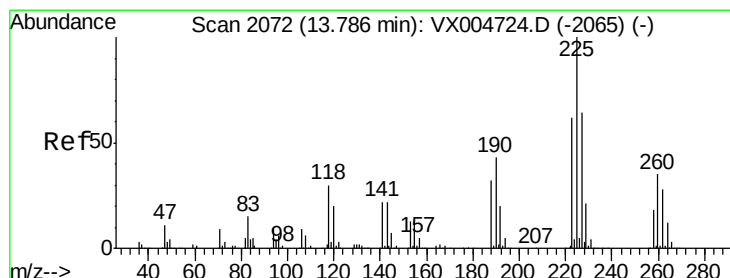
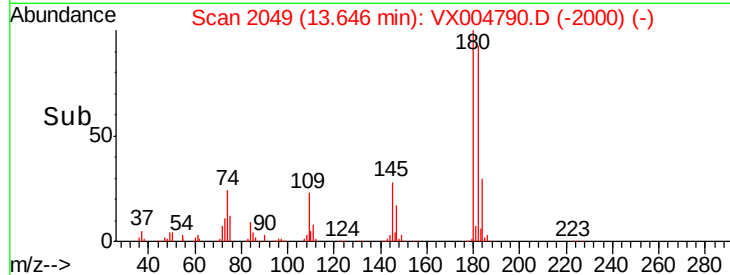
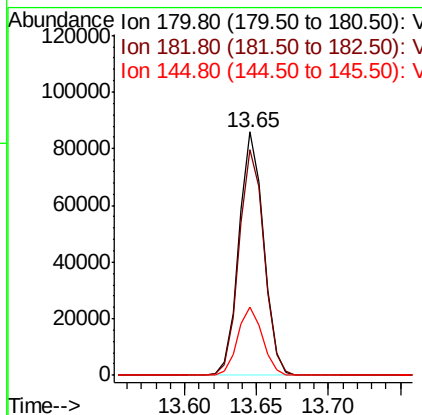
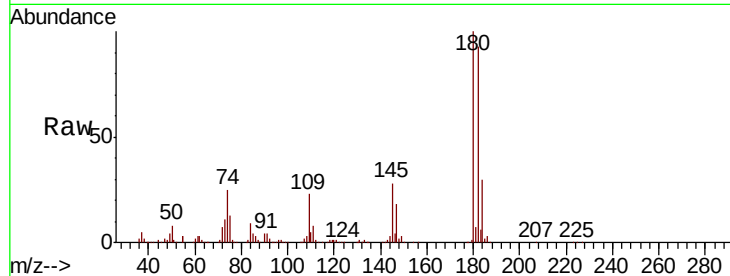
#93
 1,2,4-Trichlorobenzene
 Concen: 19.946 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Tot Ion:	180	Resp:	101886
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.4	145.0
145	28.4	14.3	42.9

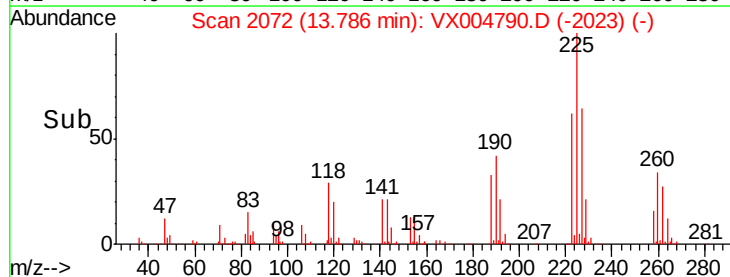
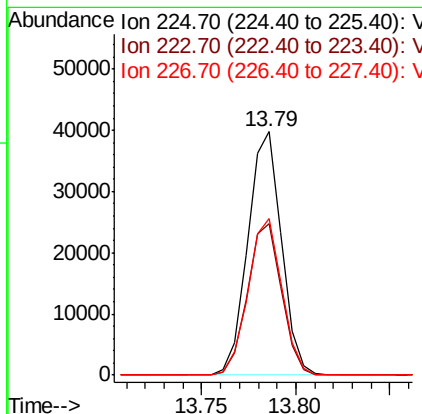
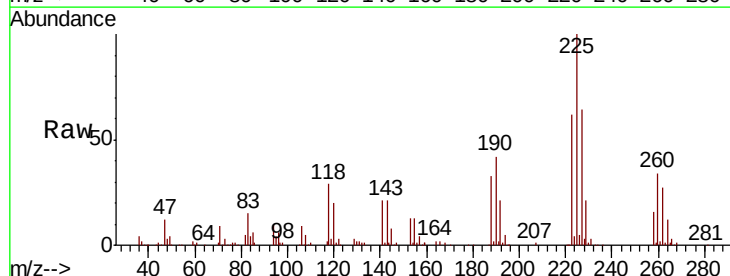
Manual Integrations
 APPROVED

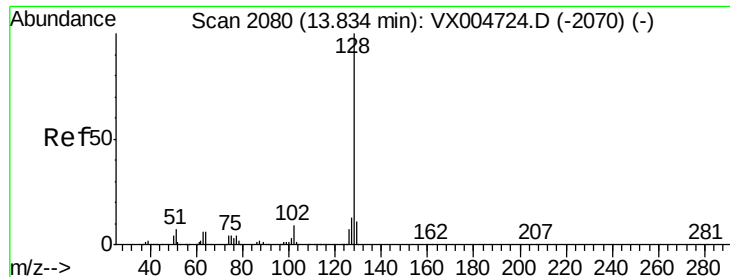
MMDadoda
 9/28/2018 2:26:10 PM



#94
 Hexachlorobutadiene
 Concen: 18.470 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion:	225	Resp:	48924
Ion Ratio	Lower	Upper	
225	100		
223	63.5	30.1	90.5
227	64.7	30.8	92.4





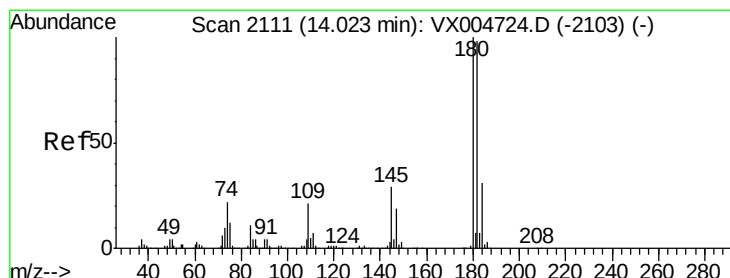
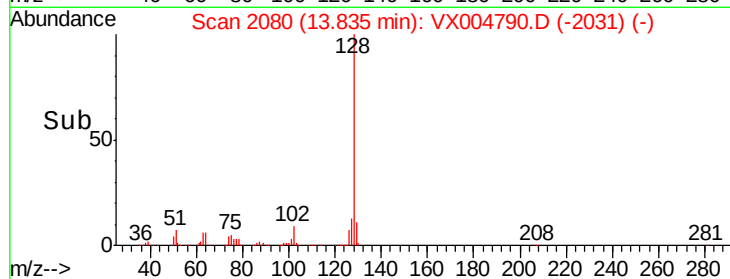
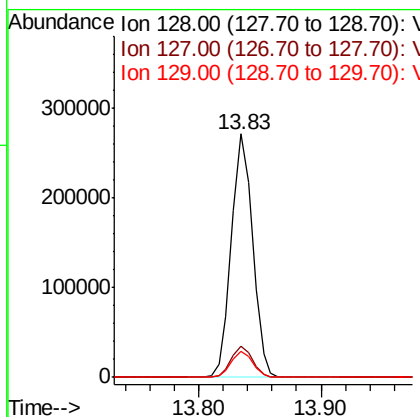
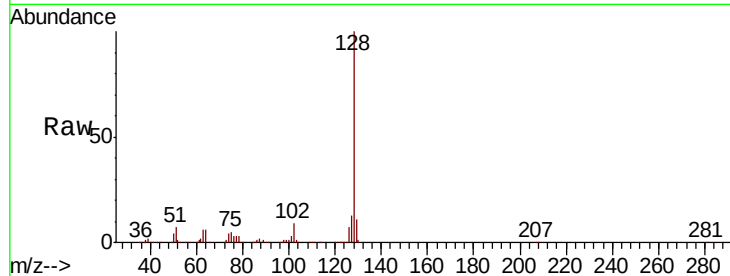
#95
Naphthalene
Concen: 19.679 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	326142		
127	12.8	10.2	15.2	
129	10.8	8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:10 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.293 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	107080		
182	95.4	48.5	145.6	
145	30.2	14.9	44.9	

