

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005160.D
 Acq On : 09 Oct 2018 15:48
 Operator : JC/MD
 Sample : VX1009WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Manual Integrations
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 10/10/2018 2:07:59 PM

Quant Time: Oct 10 06:48:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	143652	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.50	113	114398	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
50) Toluene-d8	8.72	98	422755	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	157883	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71399	26.254	ug/l	96
3) Chloromethane	1.32	50	80578	24.422	ug/l	98
4) Vinyl Chloride	1.40	62	78638	25.412	ug/l	98
5) Bromomethane	1.64	94	44506	24.253	ug/l	96
6) Chloroethane	1.72	64	44184	25.037	ug/l	97
7) Trichlorofluoromethane	1.93	101	99287	25.917	ug/l	95
8) Diethyl Ether	2.19	74	38103	22.894	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54293	24.879	ug/l	99
10) Methyl Iodide	2.51	142	60242	20.629	ug/l	91
11) Tert butyl alcohol	3.08	59	94564	118.699	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51783	23.961	ug/l	93
13) Acrolein	2.29	56	60533	106.792	ug/l	90
14) Allyl chloride	2.73	41	116748	24.758	ug/l	95
15) Acrylonitrile	3.15	53	211077	120.356	ug/l	96
16) Acetone	2.45	43	187521	112.731	ug/l	94
17) Carbon Disulfide	2.57	76	157706	24.285	ug/l	99
18) Methyl Acetate	2.78	43	106583	25.290	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	186892	25.071	ug/l	96
20) Methylene Chloride	2.85	84	59725	24.262	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	55834	23.601	ug/l #	82
22) Diisopropyl ether	3.87	45	186173	23.446	ug/l	98
23) Vinyl Acetate	3.82	43	839802	115.542	ug/l	99
24) 1,1-Dichloroethane	3.70	63	112131	23.673	ug/l	99
25) 2-Butanone	4.71	43	271691	110.806	ug/l	97
26) 2,2-Dichloropropane	4.58	77	74638	22.629	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	58254	22.042	ug/l	93
28) Bromochloromethane	5.02	49	43533	19.517	ug/l	98
29) Tetrahydrofuran	5.16	42	177108	116.214	ug/l	98
30) Chloroform	5.21	83	101073	22.578	ug/l	97
31) Cyclohexane	5.57	56	91338	25.195	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	86994	23.796	ug/l	95
36) 1,1-Dichloropropene	5.80	75	74302	22.176	ug/l	96
37) Ethyl Acetate	4.86	43	98758	22.205	ug/l	98
38) Carbon Tetrachloride	5.78	117	76685	21.773	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83919	24.529	ug/l #	84
40) Benzene	6.14	78	231465	22.066	ug/l	97
41) Methacrylonitrile	5.06	41	53028	21.499	ug/l	96
42) 1,2-Dichloroethane	6.20	62	83686	22.568	ug/l	97
43) Isopropyl Acetate	6.46	43	144622	22.529	ug/l	98
44) Trichloroethene	7.21	130	61021	23.664	ug/l	92
45) 1,2-Dichloropropane	7.52	63	58904	22.899	ug/l	99
46) Dibromomethane	7.66	93	39535	24.455	ug/l	98
47) Bromodichloromethane	7.90	83	73426	24.259	ug/l	98
48) Methyl methacrylate	7.78	41	73602	25.261	ug/l	99
49) 1,4-Dioxane	7.76	88	32868	454.068	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	509638	126.089	ug/l	99
52) Toluene	8.79	92	141299	24.515	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	79277	23.178	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	88162	24.609	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	58397	23.130	ug/l	94
56) Ethyl methacrylate	9.18	69	84894	22.397	ug/l	99
57) 1,3-Dichloropropane	9.37	76	97265	23.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	211207	105.799	ug/l	99
59) 2-Hexanone	9.50	43	397254	117.944	ug/l	95
60) Dibromochloromethane	9.59	129	57853	22.913	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59993	22.188	ug/l	94
64) Tetrachloroethene	9.34	164	61341	22.578	ug/l	95
65) Chlorobenzene	10.14	112	156708	22.138	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	56715	22.791	ug/l	98
67) Ethyl Benzene	10.26	91	259986	23.134	ug/l	96
68) m/p-Xylenes	10.36	106	205867	46.878	ug/l	96
69) o-Xylene	10.70	106	97814	24.250	ug/l	99
70) Styrene	10.71	104	163921	22.939	ug/l	99
71) Bromoform	10.86	173	46522	21.836	ug/l	93
73) Isopropylbenzene	11.02	105	268759	24.928	ug/l	100
74) N-amyl acetate	10.90	43	123903	21.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	92976	21.185	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87165m	22.736	ug/l	
77) Bromobenzene	11.26	156	71917	22.965	ug/l	98
78) n-propylbenzene	11.36	91	306269	24.758	ug/l	100
79) 2-Chlorotoluene	11.42	91	186232	24.152	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	228416	23.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25351	19.305	ug/l	97
82) 4-Chlorotoluene	11.51	91	218173	24.039	ug/l	99
83) tert-Butylbenzene	11.77	119	221050	24.902	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	232425	22.700	ug/l	99
85) sec-Butylbenzene	11.94	105	268996	24.879	ug/l	100
86) p-Isopropyltoluene	12.07	119	241305	24.633	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	131515	22.491	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	134115	22.218	ug/l	99
89) n-Butylbenzene	12.39	91	207010	23.269	ug/l	100
90) Hexachloroethane	12.60	117	37763	23.153	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	132538	21.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22142	22.977	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1009WBS01

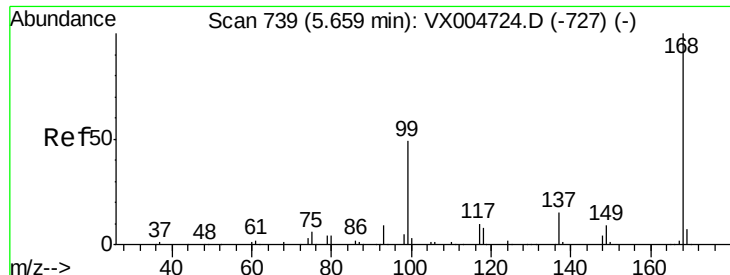
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97051	22.640	ug/l	99
94) Hexachlorobutadiene	13.78	225	50869	22.884	ug/l	100
95) Naphthalene	13.83	128	297484	21.327	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101055	22.821	ug/l	100

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



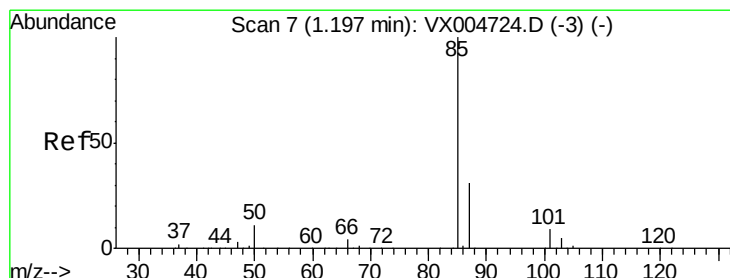
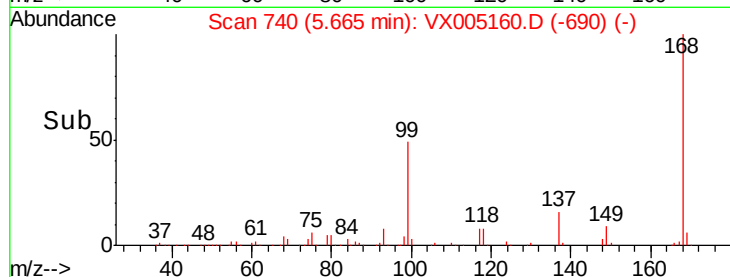
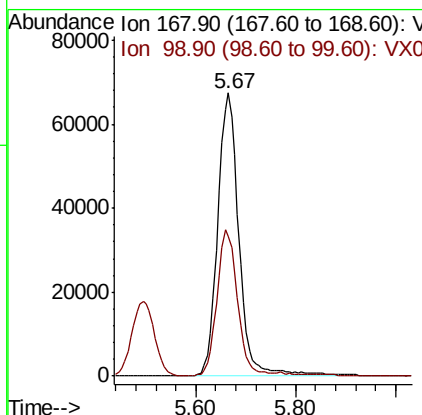
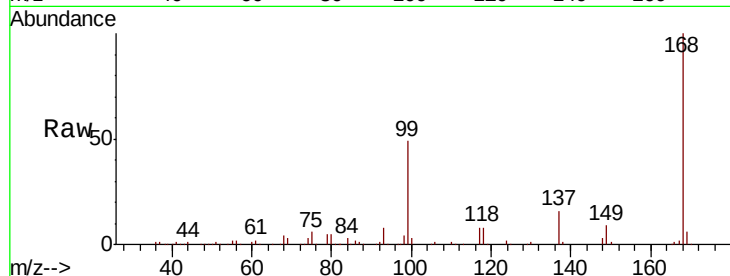
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	199456		
99	49.4	39.3	58.9	

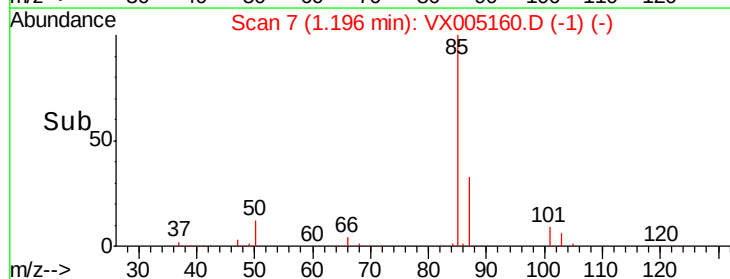
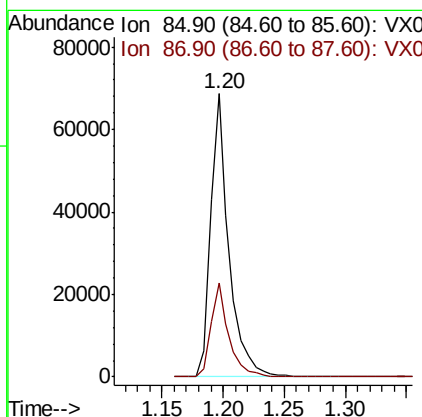
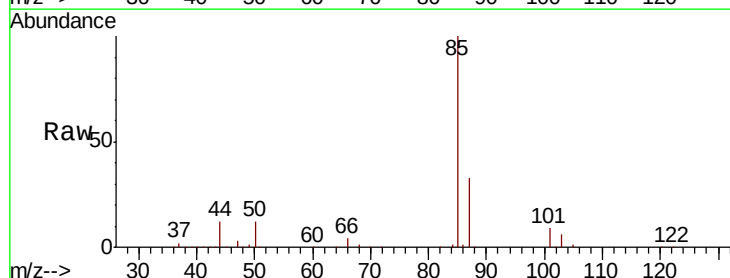
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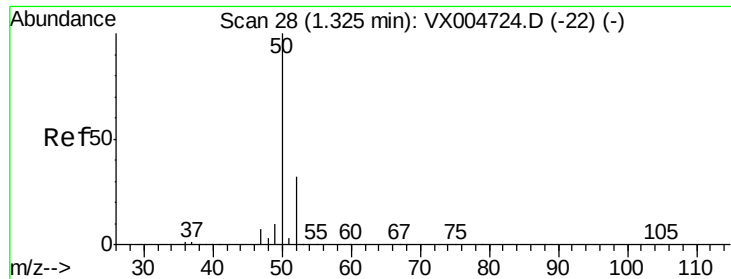
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#2
Dichlorodifluoromethane
Concen: 26.254 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	71399		
87	33.4	15.7	47.1	





#3

Chloromethane

Concen: 24.422 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 50 Resp: 80578

Ion Ratio Lower Upper

50 100

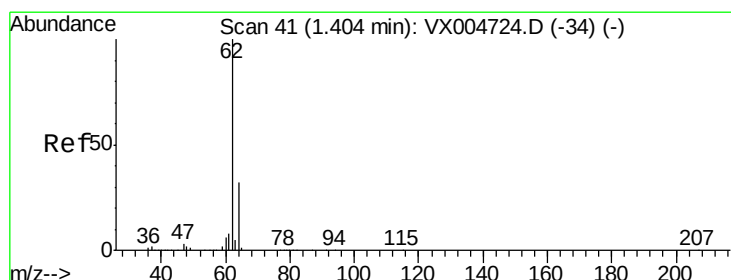
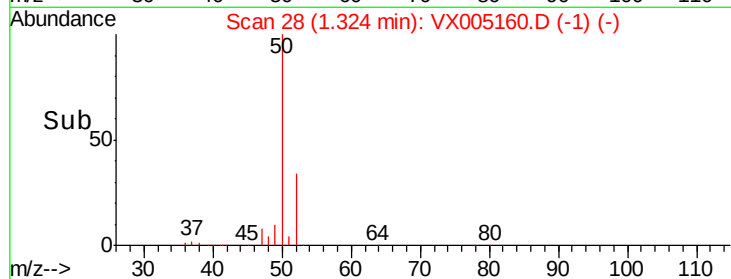
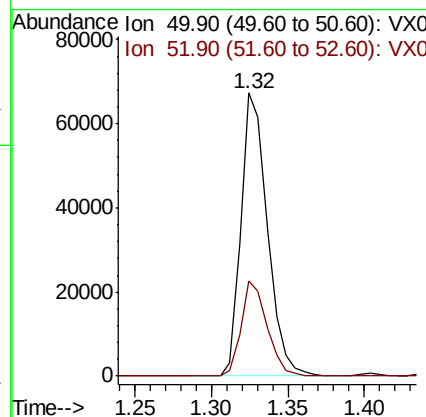
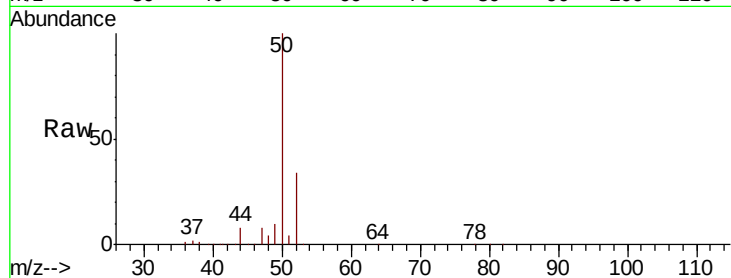
52 33.5 25.8 38.6

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#4

Vinyl Chloride

Concen: 25.412 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005160.D

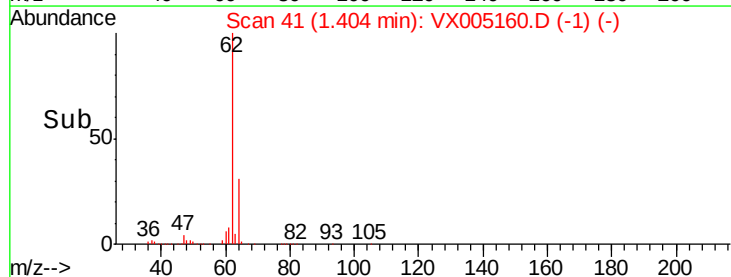
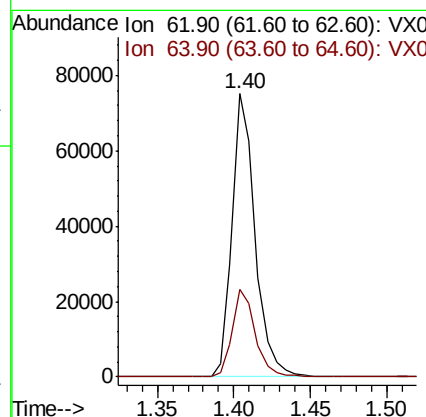
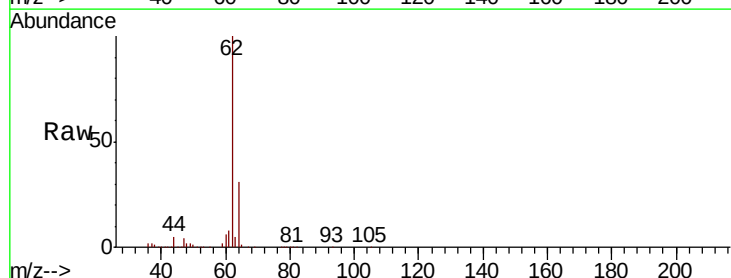
Acq: 09 Oct 2018 15:48

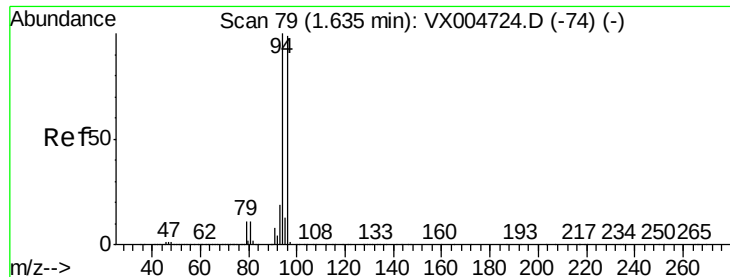
Tgt Ion: 62 Resp: 78638

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 24.253 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 94 Resp: 44506

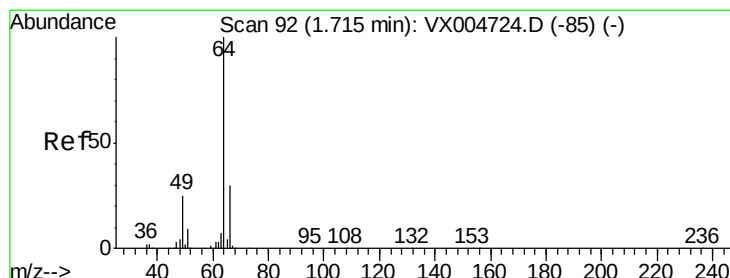
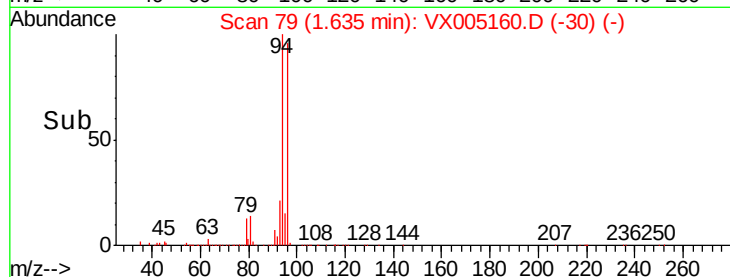
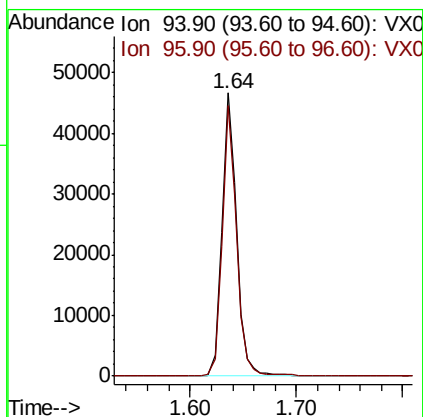
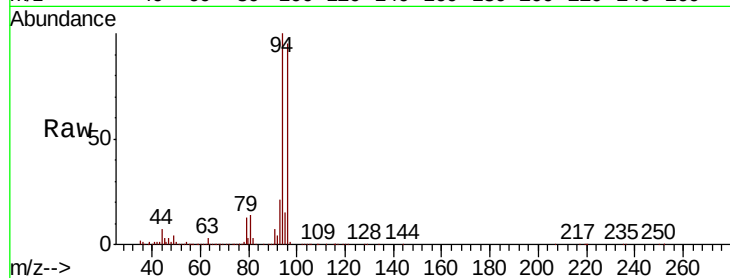
Ion Ratio Lower Upper

94 100

96 95.5 79.5 119.3

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#6

Chloroethane

Concen: 25.037 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005160.D

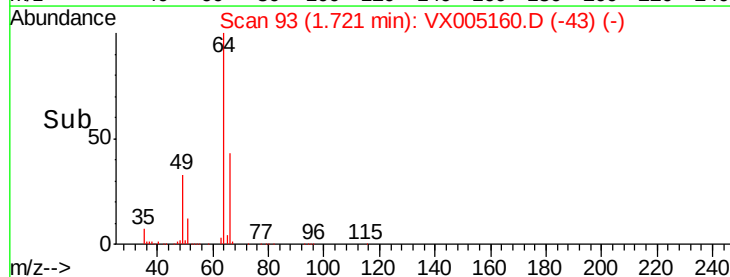
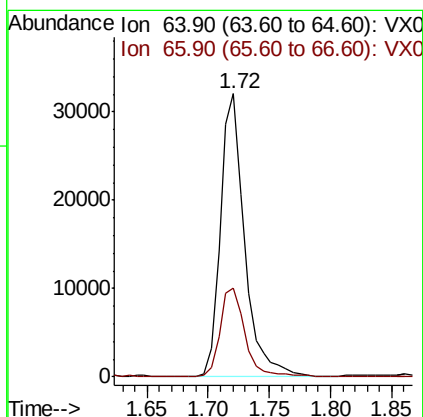
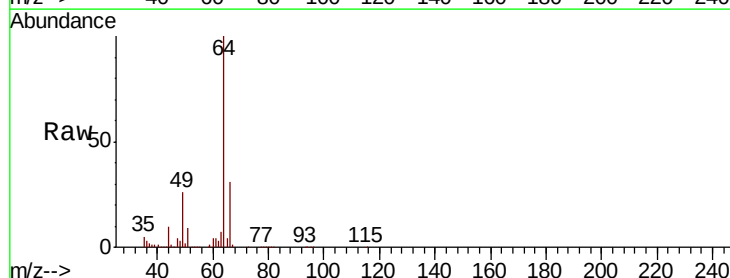
Acq: 09 Oct 2018 15:48

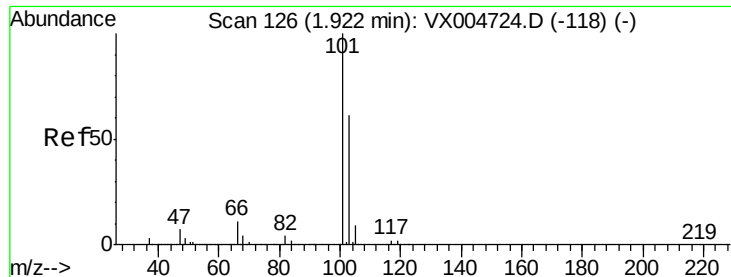
Tgt Ion: 64 Resp: 44184

Ion Ratio Lower Upper

64 100

66 31.5 23.8 35.6





#7

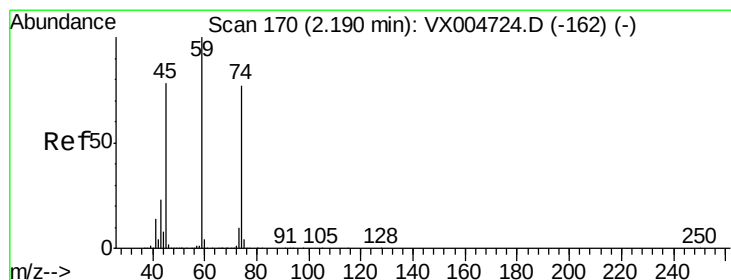
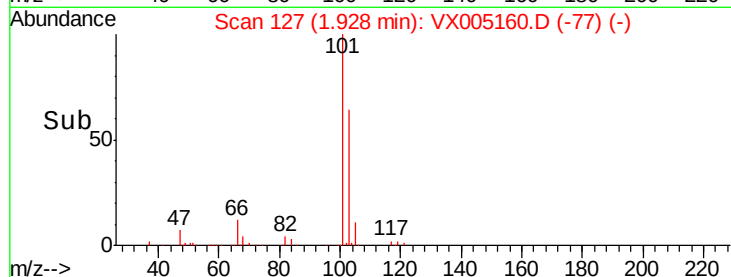
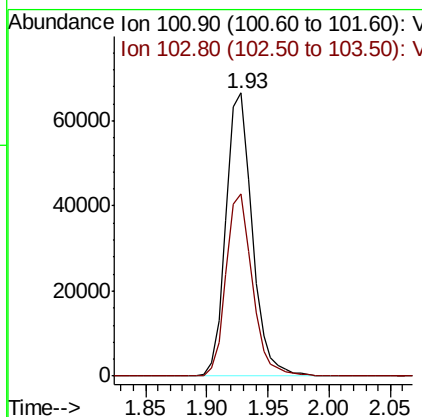
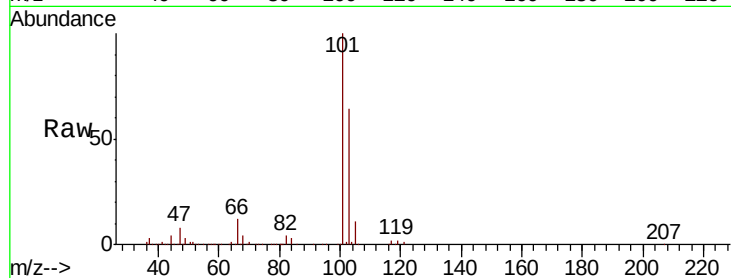
Trichlorofluoromethane
 Concen: 25.917 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
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 ClientSampleId :
 VX1009WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	48.4	72.6

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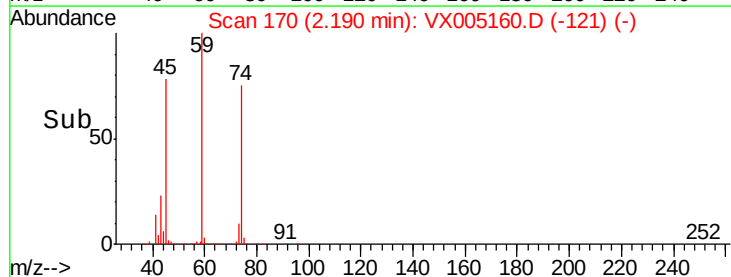
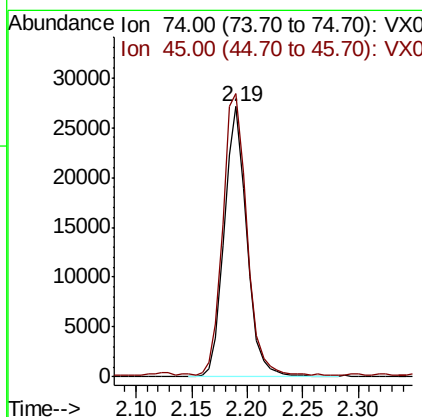
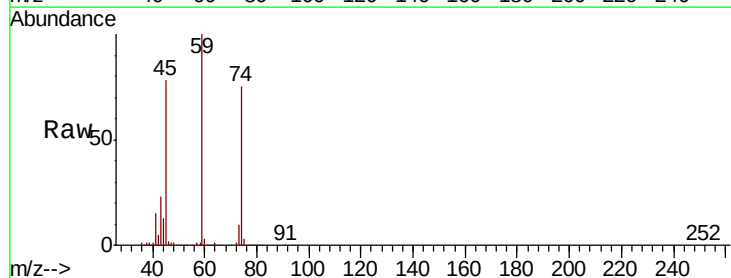
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 10/10/2018 2:07:59 PM

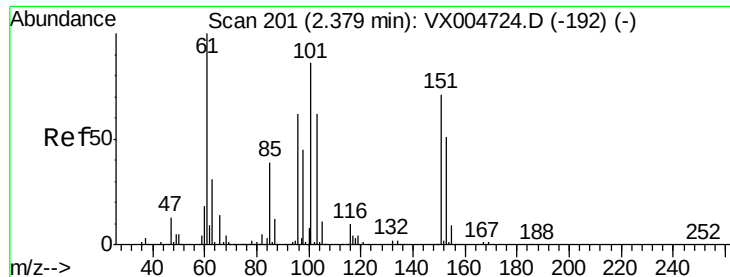


#8

Diethyl Ether
 Concen: 22.894 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.3	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.879 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

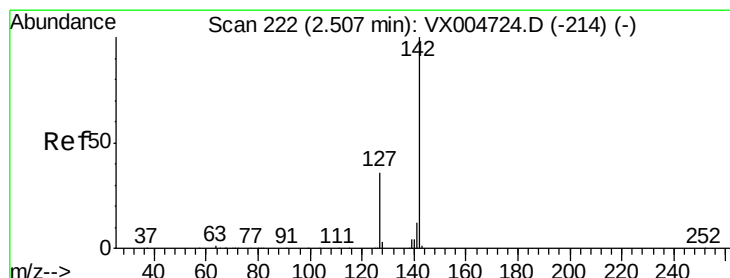
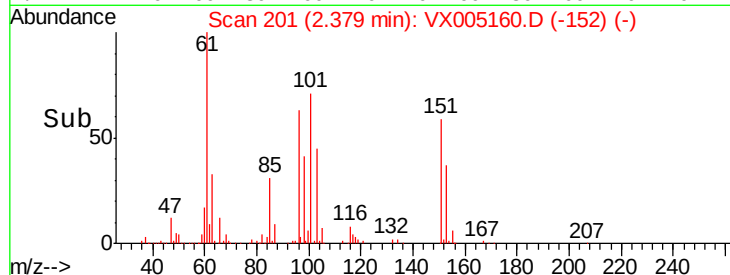
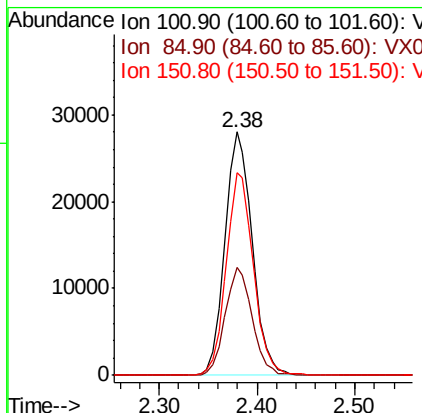
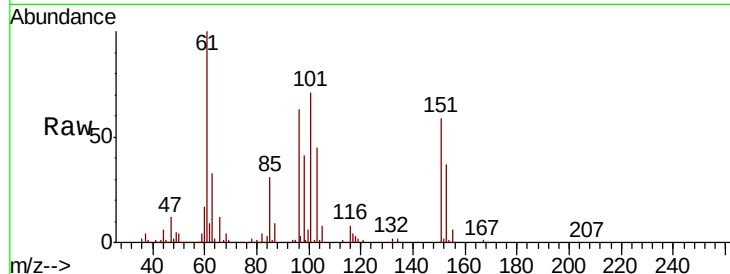
ClientSampleId :

VX1009WBS01

Tot Ion:	101	Resp:	54293
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.9	53.9
151	82.8	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 20.629 ug/l

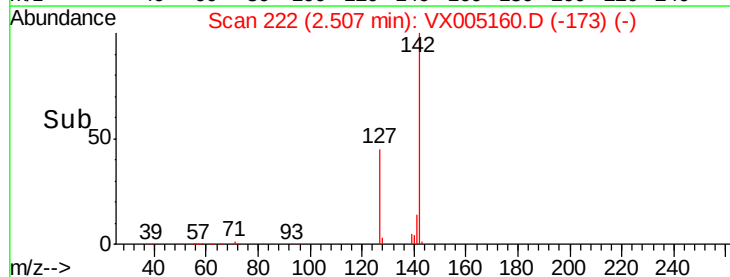
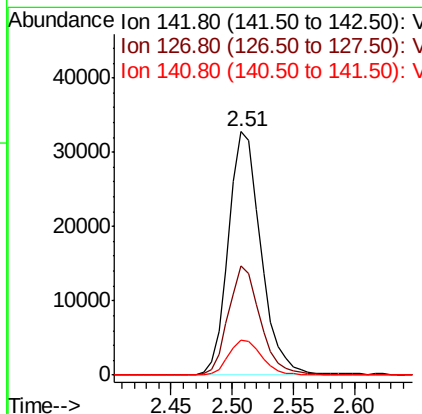
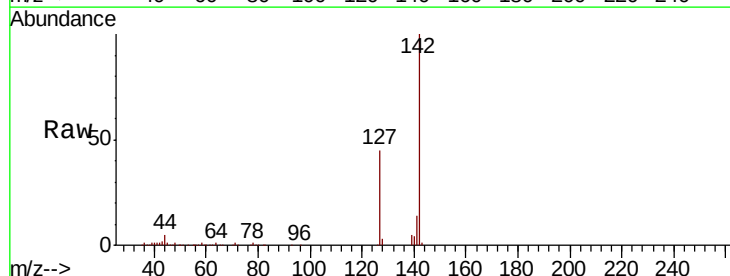
RT: 2.51 min Scan# 222

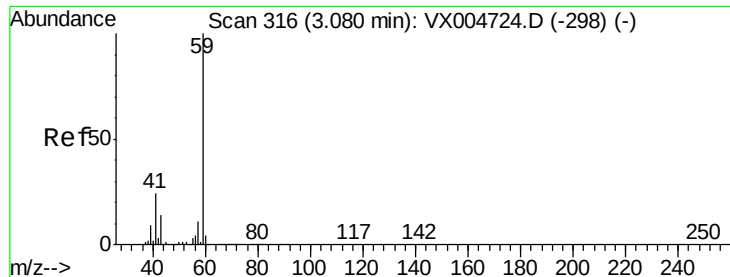
Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion:	142	Resp:	60242
Ion Ratio	Lower	Upper	
142	100		
127	44.1	30.1	45.1
141	14.7	10.1	15.1





#11

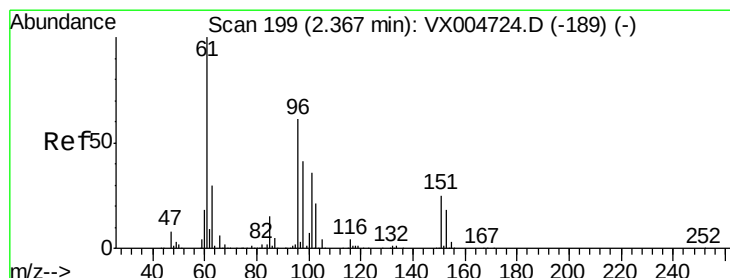
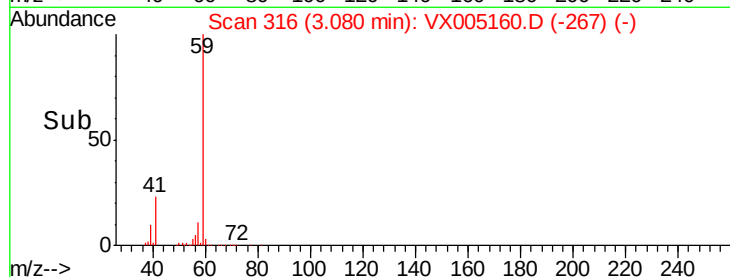
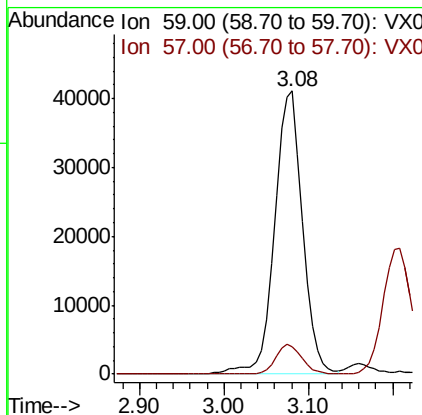
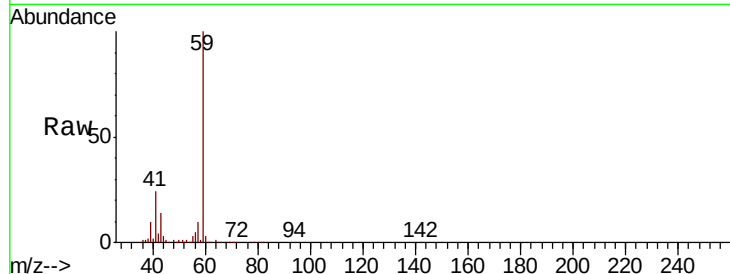
Tert butyl alcohol
Concen: 118.699 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	12.8

Manual Integrations
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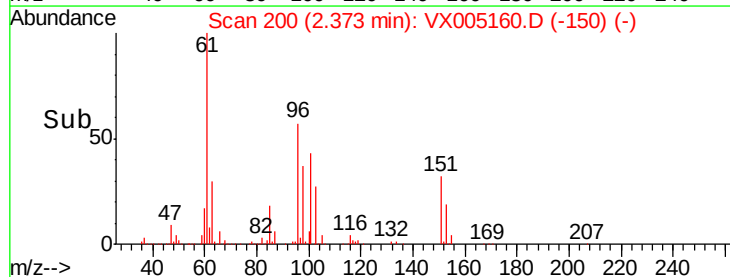
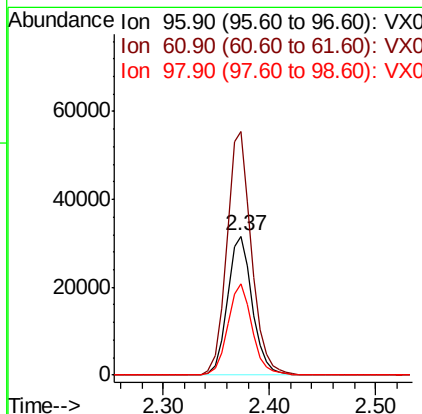
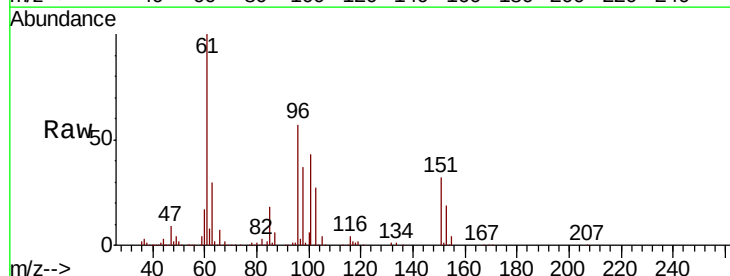
MMDadoda
10/10/2018 2:07:59 PM

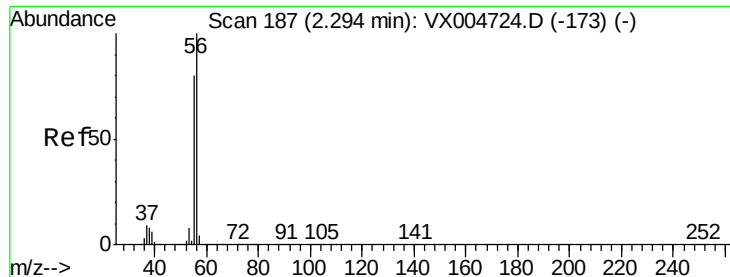


#12

1,1-Dichloroethene
Concen: 23.961 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.3	130.2	195.4
98	65.7	53.4	80.0





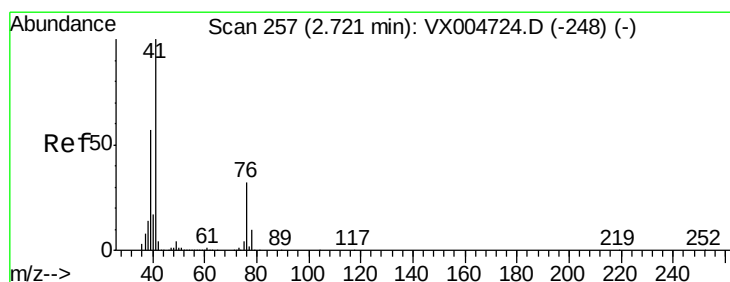
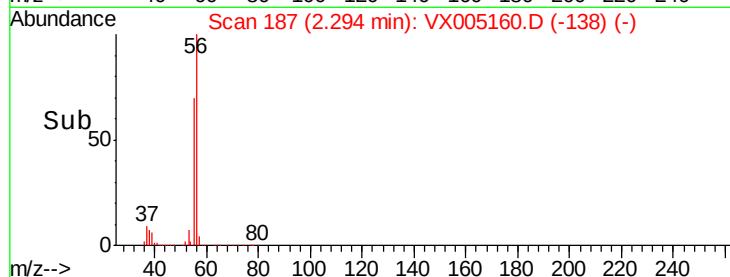
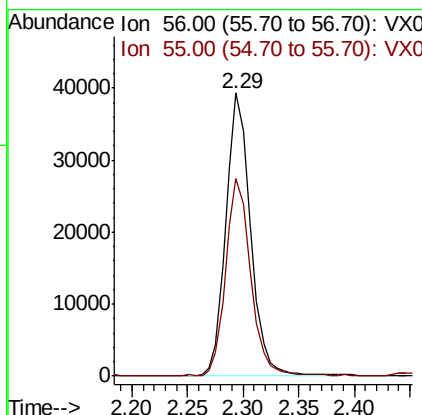
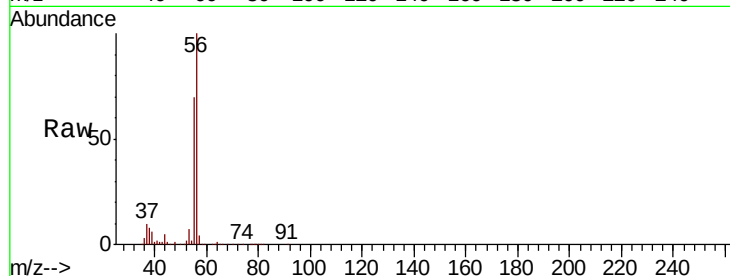
#13
Acrolein
Concen: 106.792 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.4	63.4	95.2

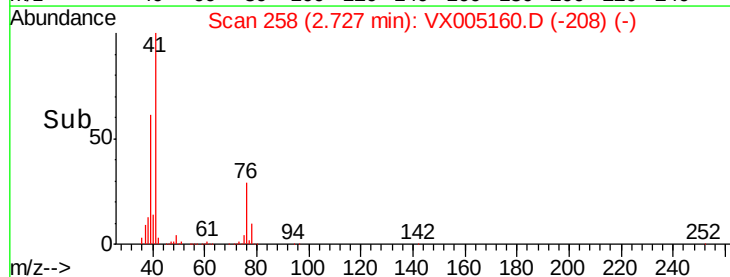
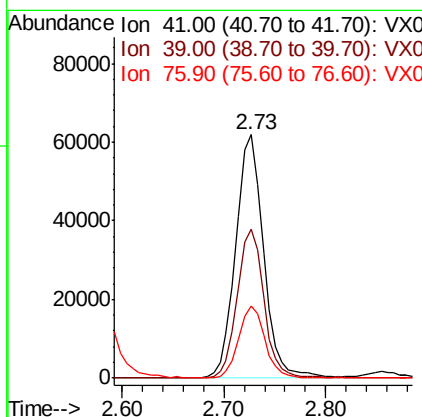
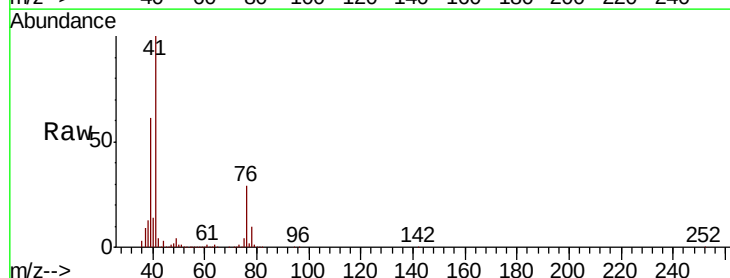
Manual Integrations
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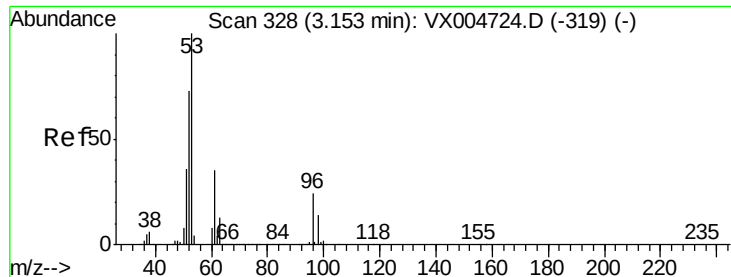
MMDadoda
10/10/2018 2:07:59 PM



#14
Allyl chloride
Concen: 24.758 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.3	44.1	66.1
76	28.1	25.0	37.4





#15

Acrylonitrile

Concen: 120.356 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

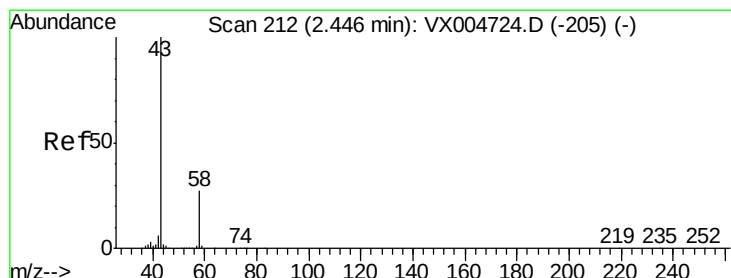
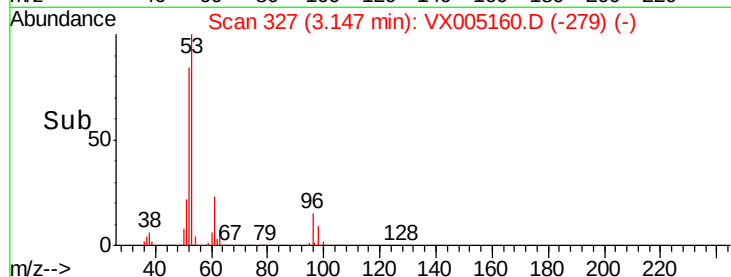
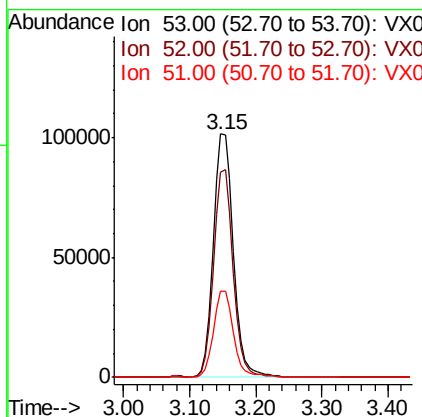
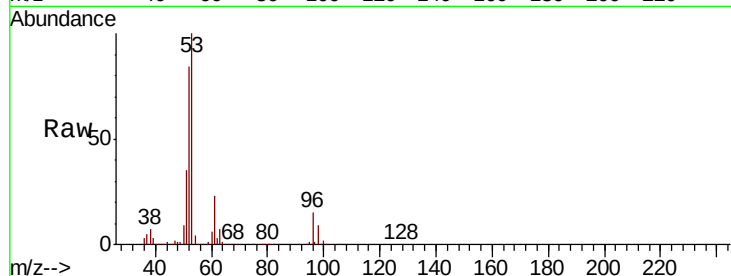
ClientSampleId :

VX1009WBS01

Tot Ion:	53	Resp:	211077
Ion Ratio		Lower	Upper
53	100		
52	83.1	63.0	94.4
51	35.3	28.6	42.8

Manual Integrations
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10/10/2018 2:07:59 PM



#16

Acetone

Concen: 112.731 ug/l

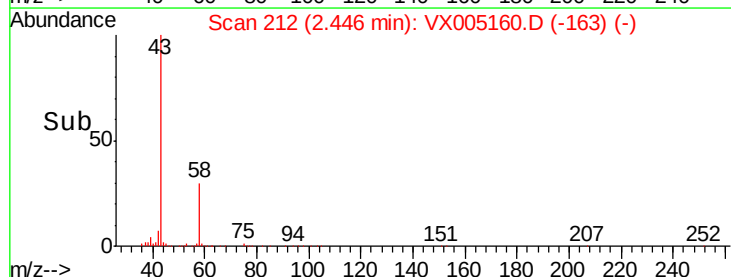
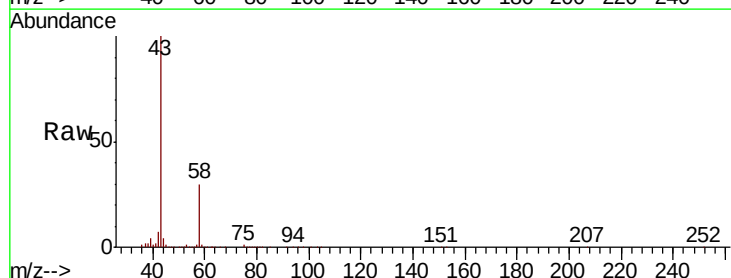
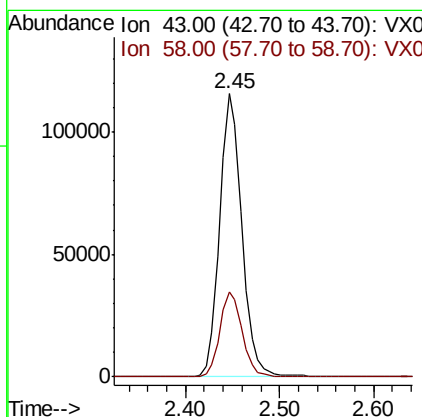
RT: 2.45 min Scan# 212

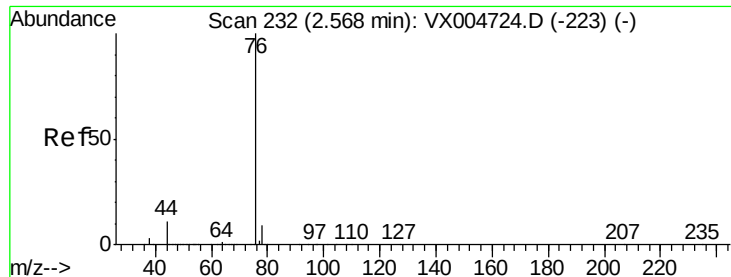
Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion:	43	Resp:	187521
Ion Ratio		Lower	Upper
43	100		
58	30.1	21.8	32.6





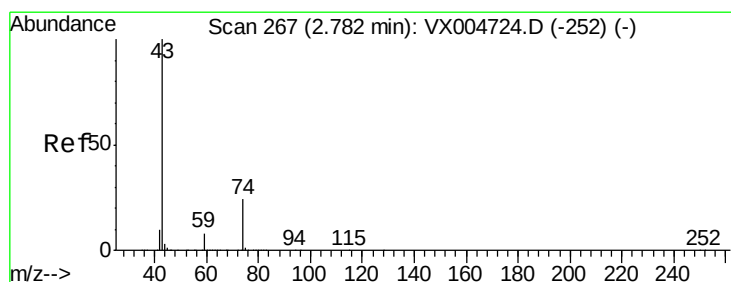
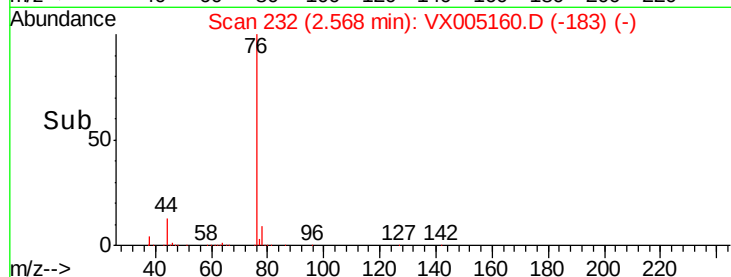
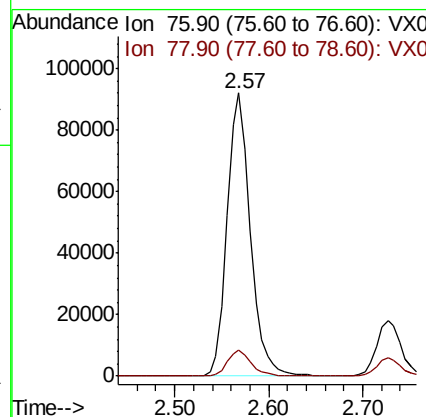
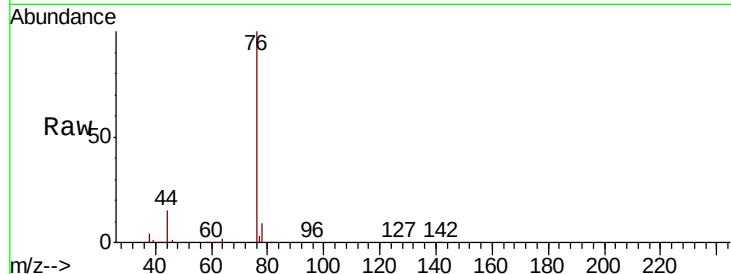
#17
Carbon Disulfide
Concen: 24.285 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

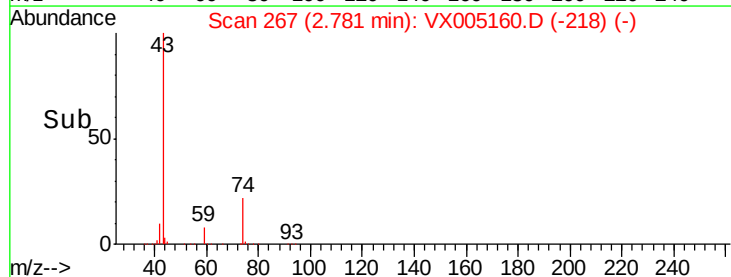
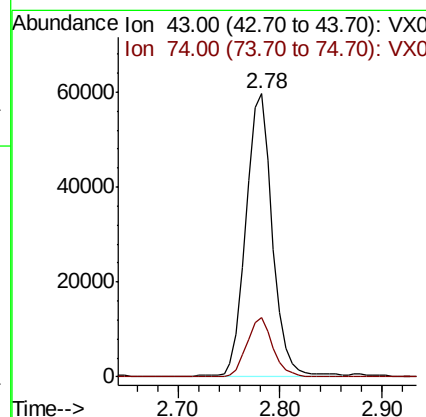
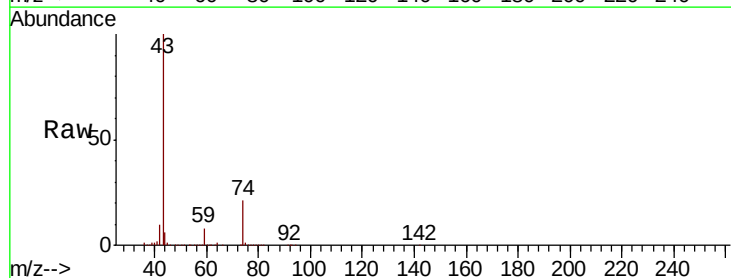
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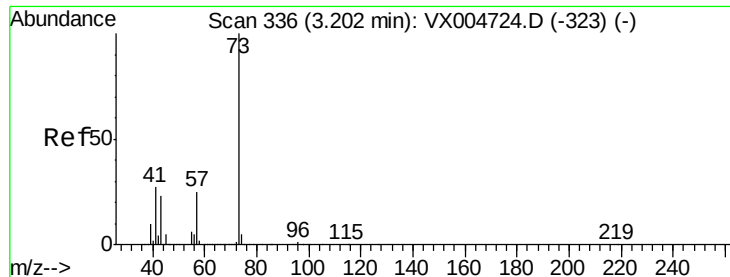
MMDadoda
10/10/2018 2:07:59 PM



#18
Methyl Acetate
Concen: 25.290 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.0	17.8	26.8





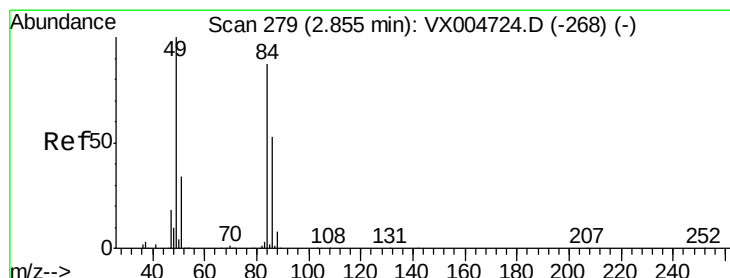
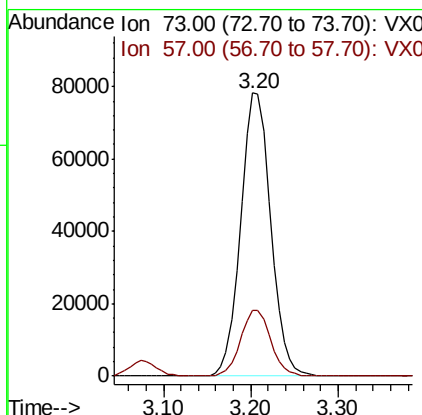
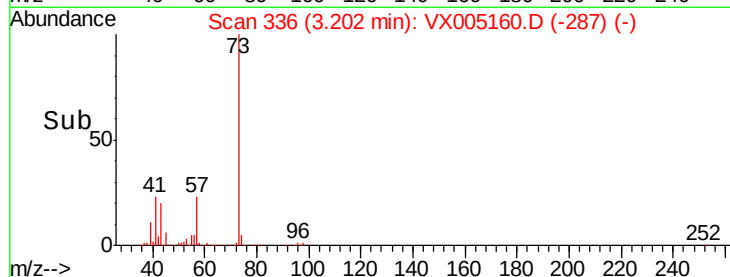
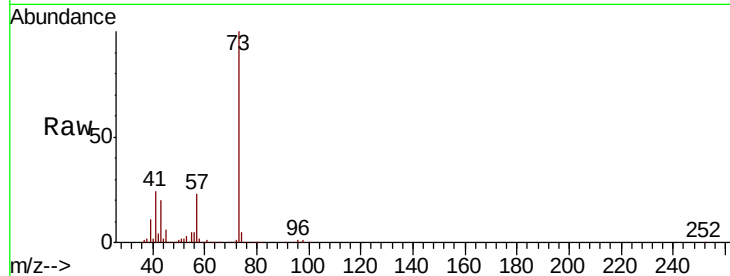
#19
Methyl tert-butyl Ether
Concen: 25.071 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	19.9	29.9

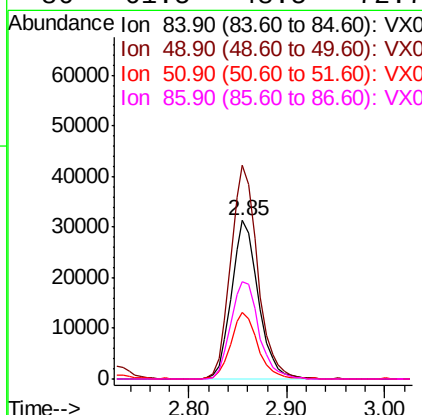
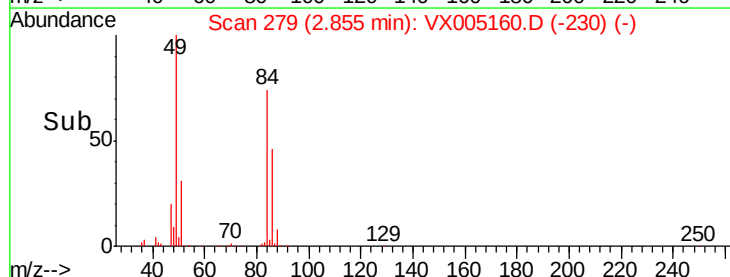
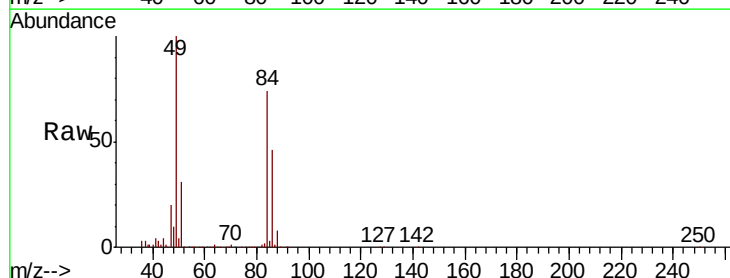
Manual Integrations
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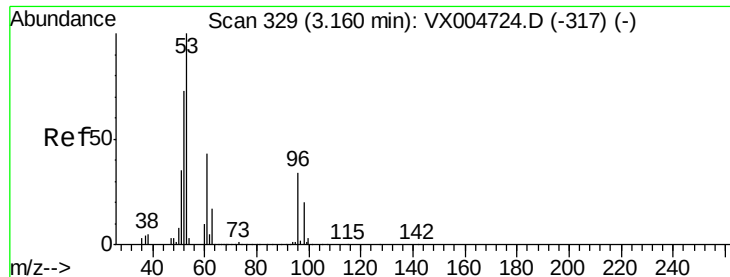
MMDadoda
10/10/2018 2:07:59 PM



#20
Methylene Chloride
Concen: 24.262 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.4	92.3	138.5
51	41.7	31.8	47.6
86	61.5	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 23.601 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

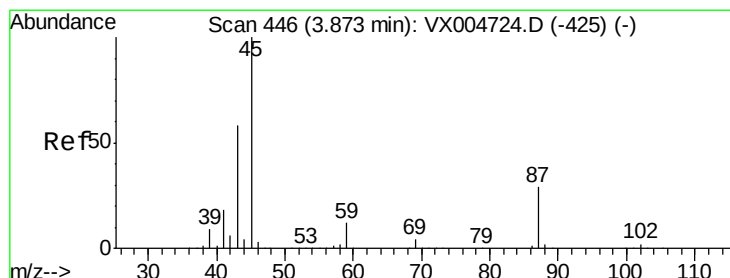
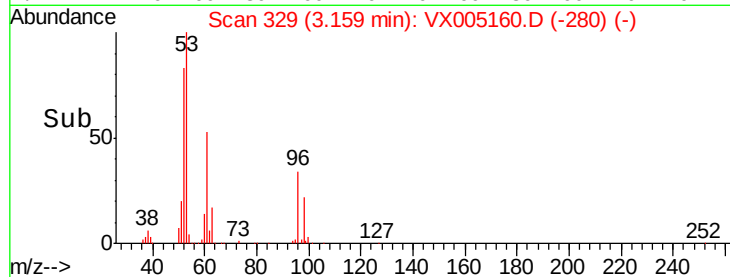
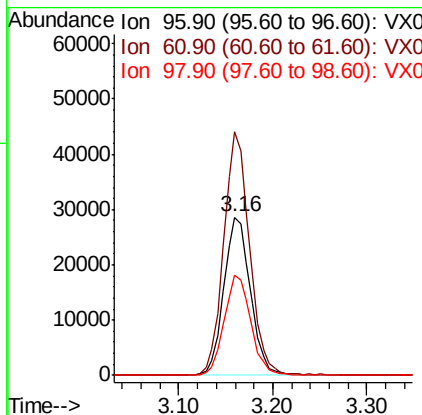
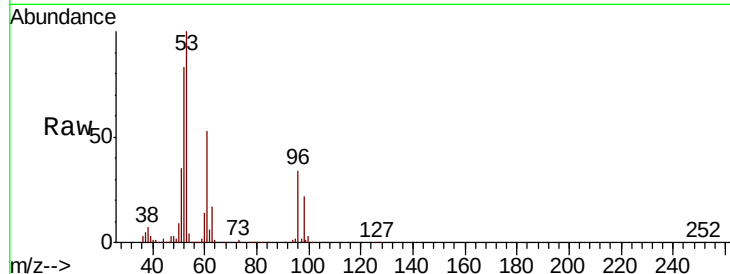
ClientSampleId :

VX1009WBS01

Tot Ion:	96	Resp:	55834
Ion	Ratio	Lower	Upper
96	100		
61	153.7	101.0	151.6#
98	63.7	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.446 ug/l

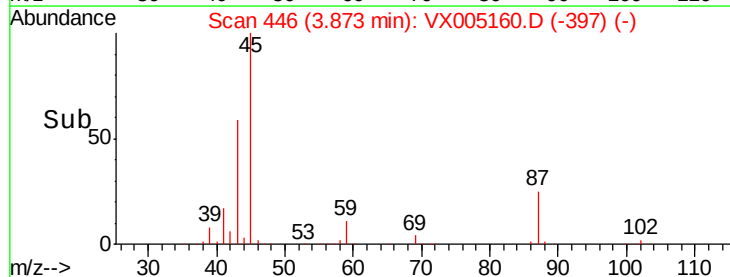
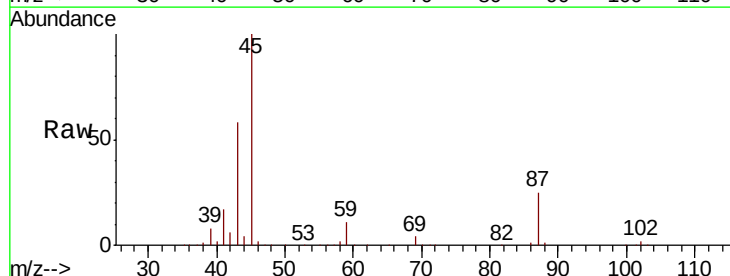
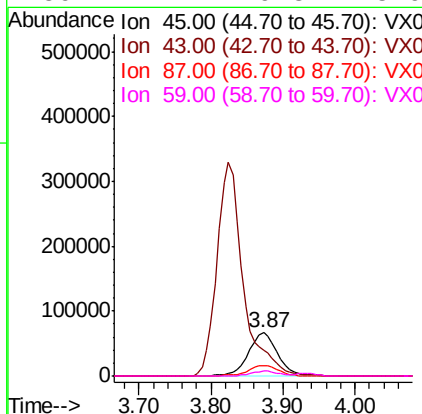
RT: 3.87 min Scan# 446

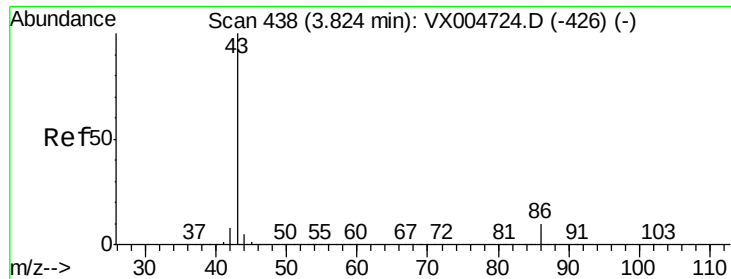
Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion:	45	Resp:	186173
Ion	Ratio	Lower	Upper
45	100		
43	58.1	46.7	70.1
87	24.8	22.9	34.3
59	11.1	9.3	13.9





#23

Vinyl Acetate

Concen: 115.542 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 43 Resp: 839802

Ion Ratio Lower Upper

43 100

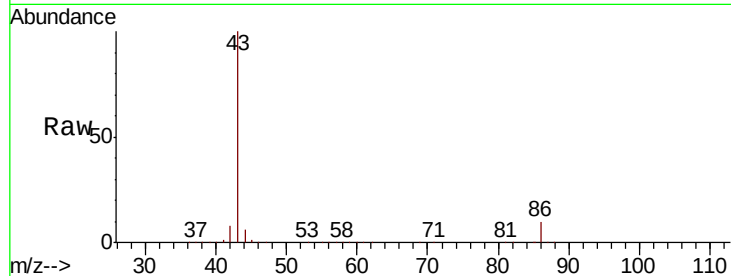
86 9.7 8.1 12.1

Manual Integrations

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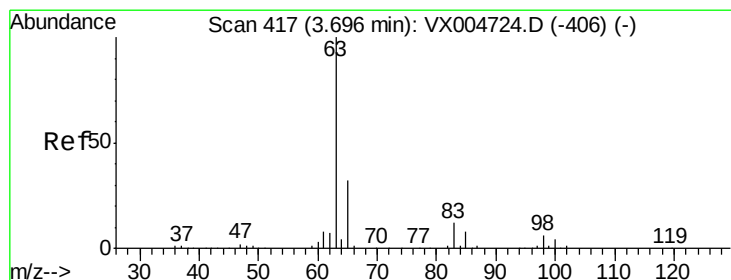
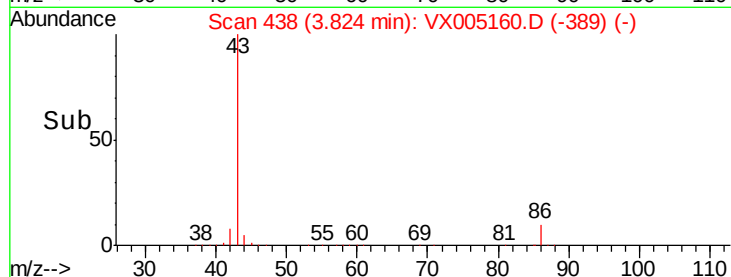
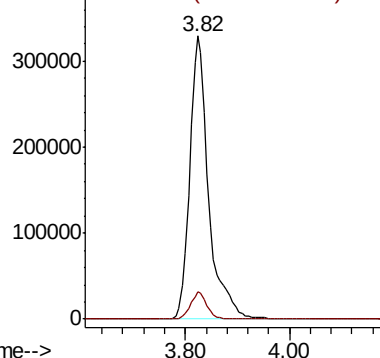
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 23.673 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

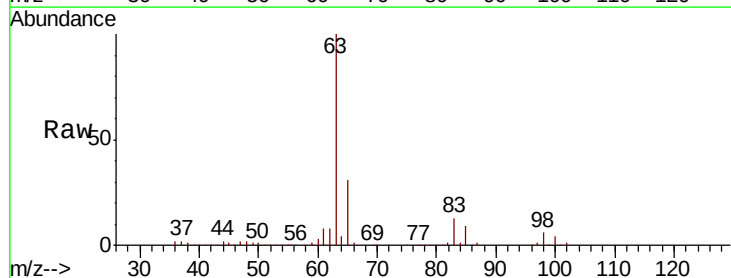
Tgt Ion: 63 Resp: 112131

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

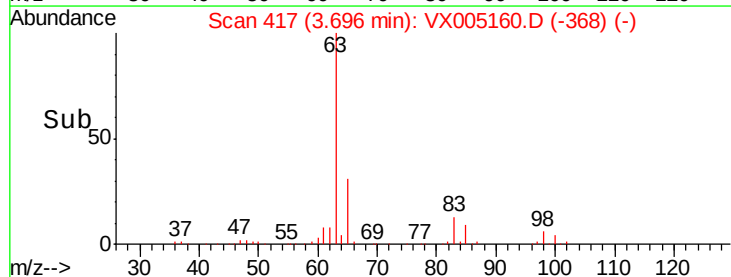
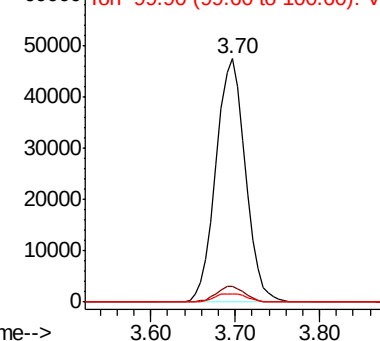
100 3.5 2.0 5.8

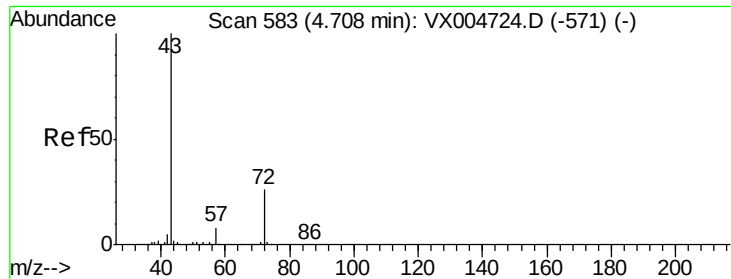


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 110.806 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 43 Resp: 271691

Ion Ratio Lower Upper

43 100

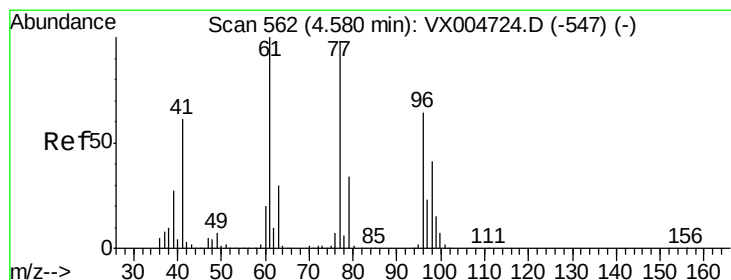
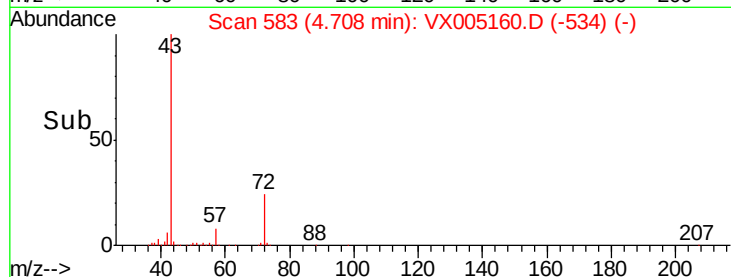
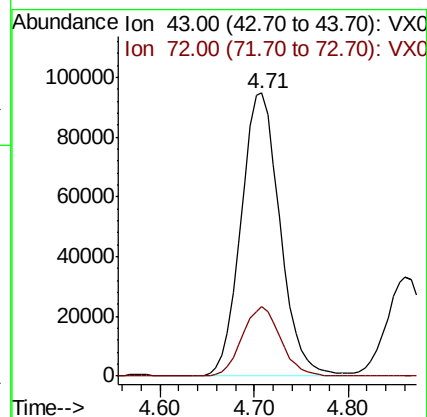
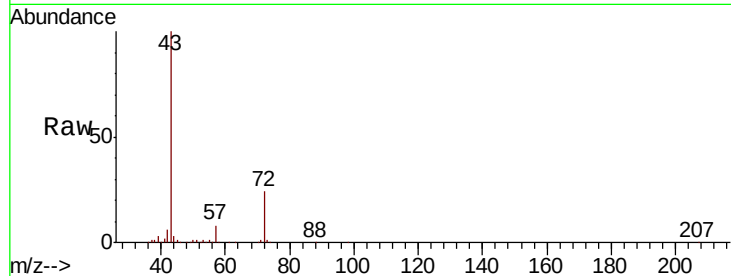
72 24.4 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.629 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005160.D

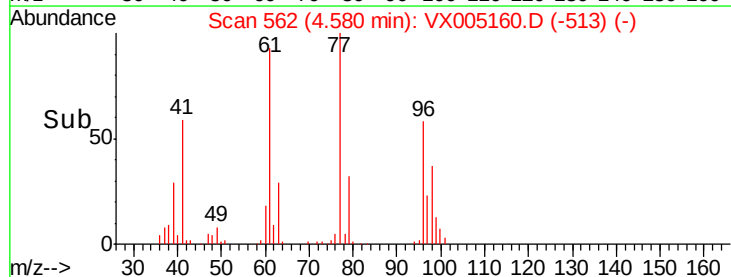
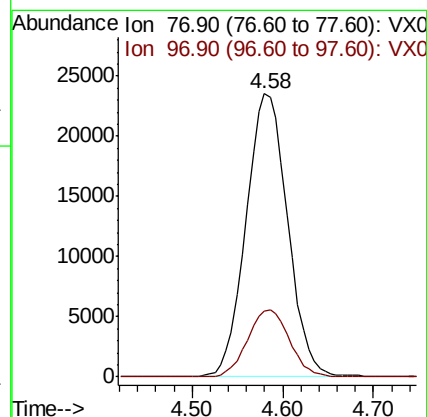
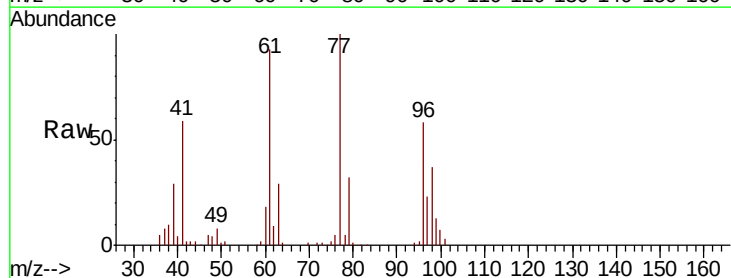
Acq: 09 Oct 2018 15:48

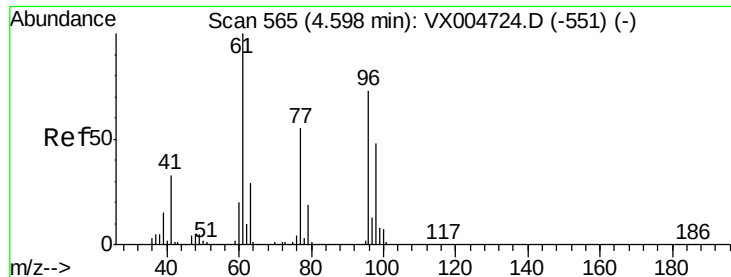
Tgt Ion: 77 Resp: 74638

Ion Ratio Lower Upper

77 100

97 23.8 12.6 37.8





#27

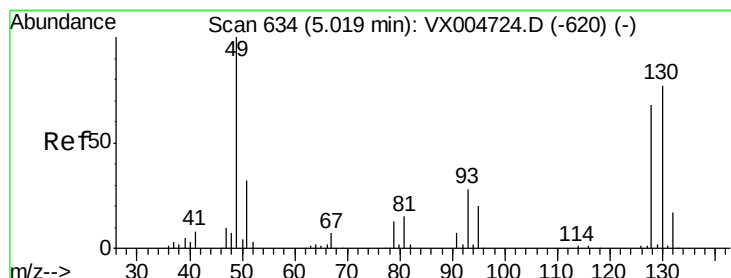
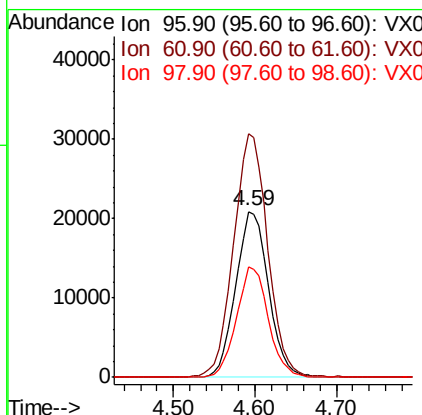
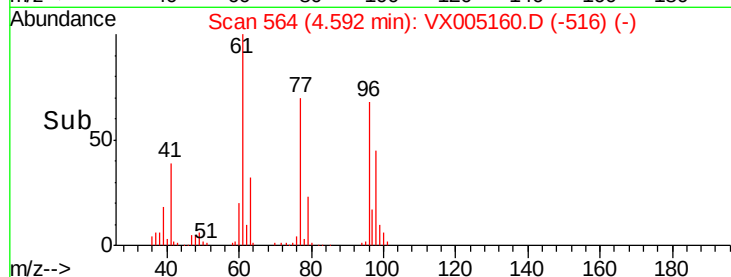
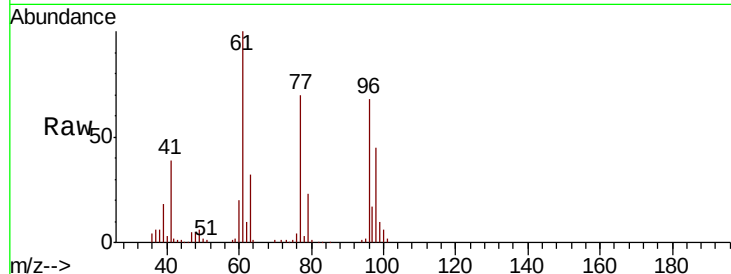
cis-1,2-Dichloroethene
Concen: 22.042 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	58254		
61	152.9		0.0	285.8
98	64.5		0.0	136.2

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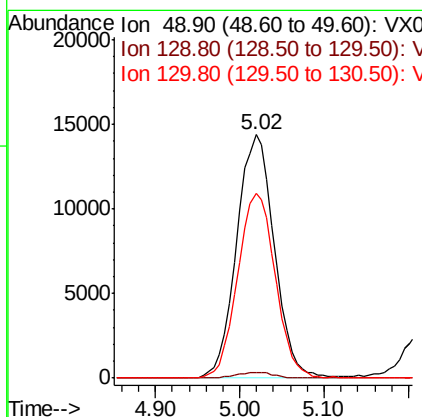
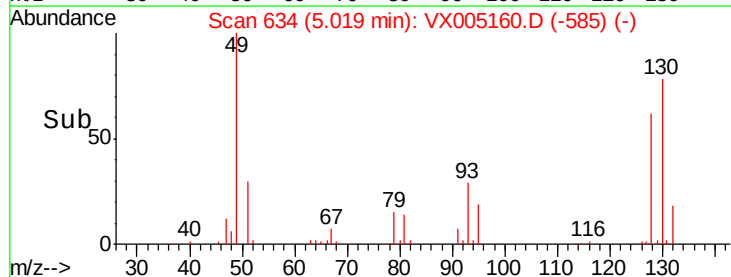
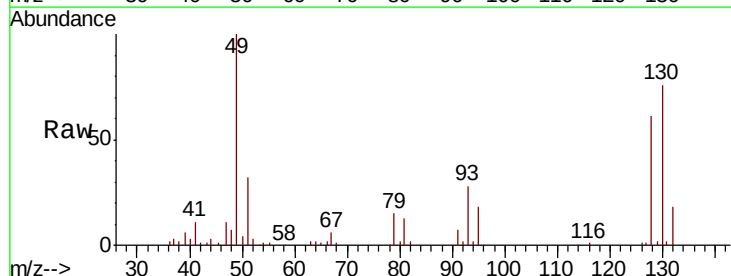
MMDadoda
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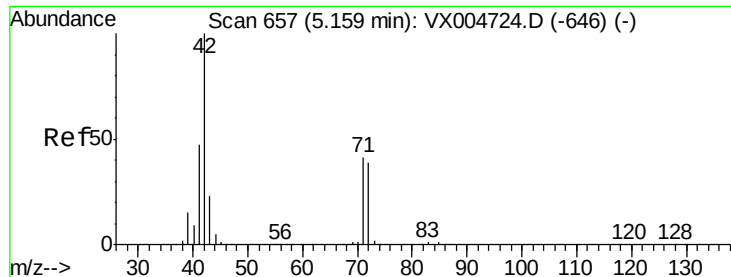


#28

Bromochloromethane
Concen: 19.517 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	43533		
129	2.2		0.0	4.2
130	75.8		62.0	93.0





#29

Tetrahydrofuran

Concen: 116.214 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

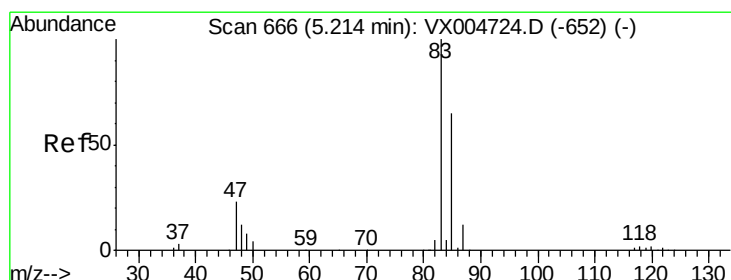
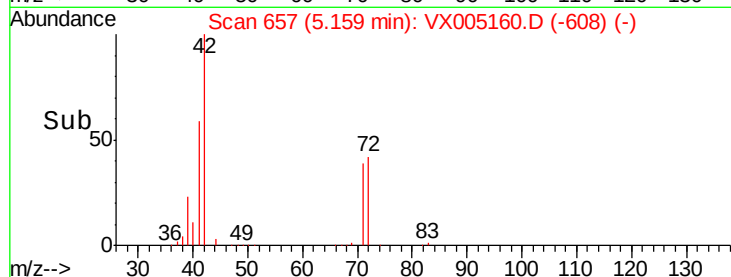
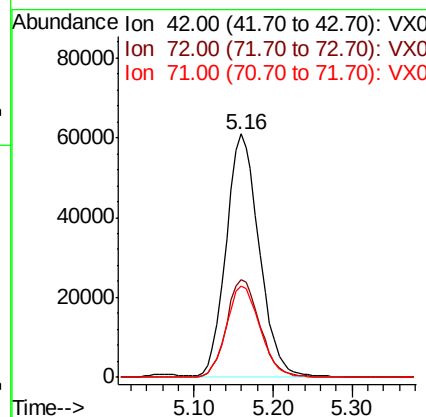
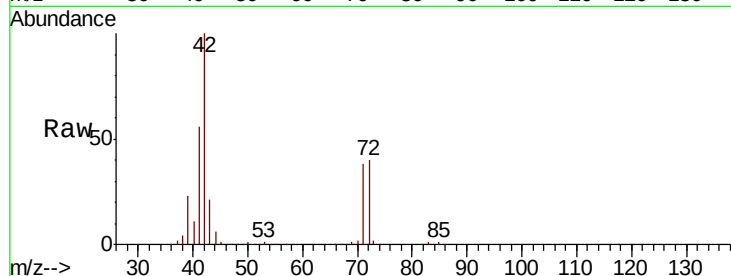
ClientSampleId :

VX1009WBS01

Tot Ion:	42	Resp:	177108
Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.7	50.5
71	38.6	32.2	48.4

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#30

Chloroform

Concen: 22.578 ug/l

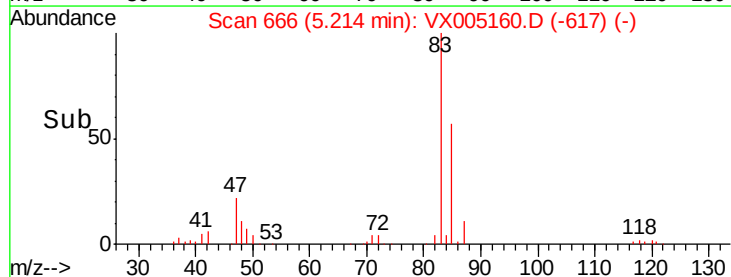
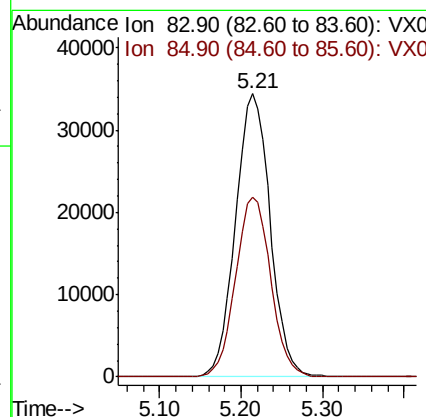
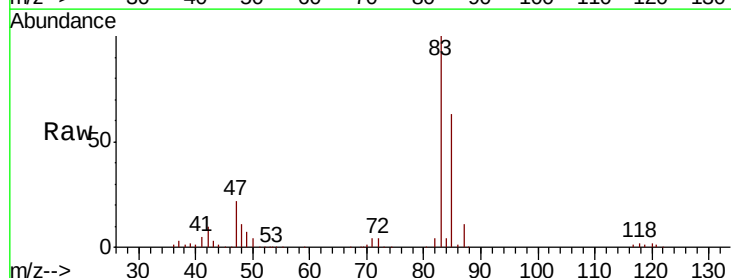
RT: 5.21 min Scan# 666

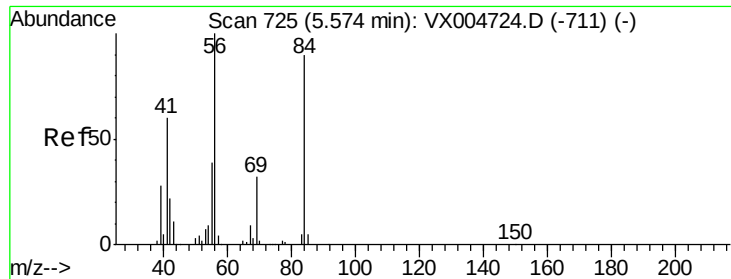
Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion:	83	Resp:	101073
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.4	78.6





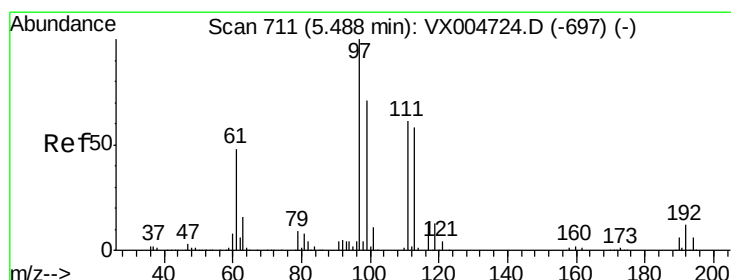
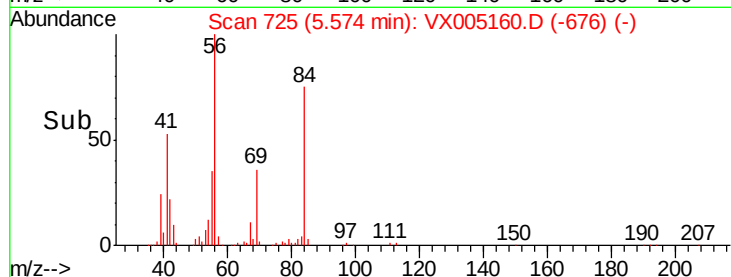
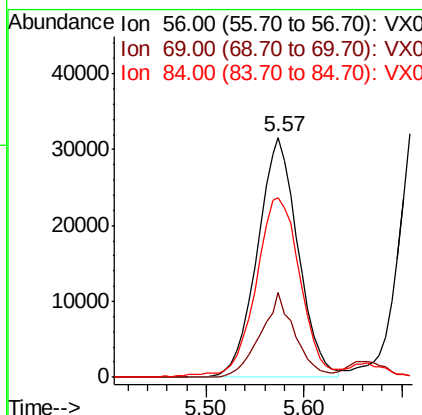
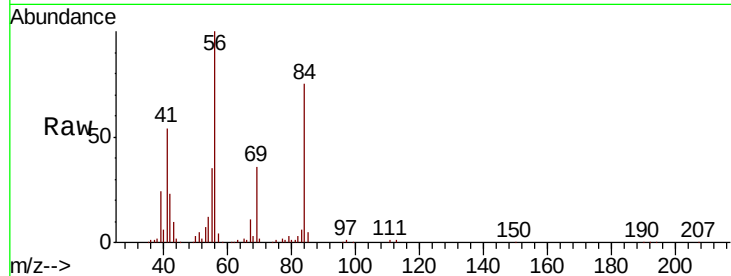
#31
Cyclohexane
Concen: 25.195 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	25.9	38.9
84	73.7	71.9	107.9

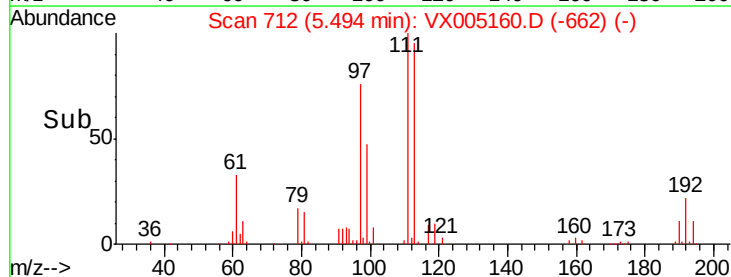
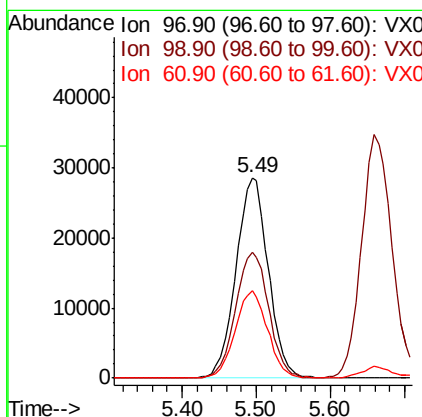
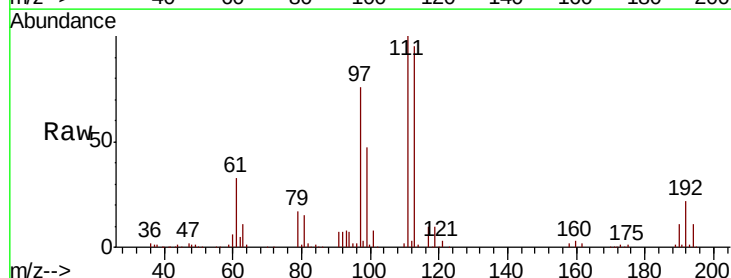
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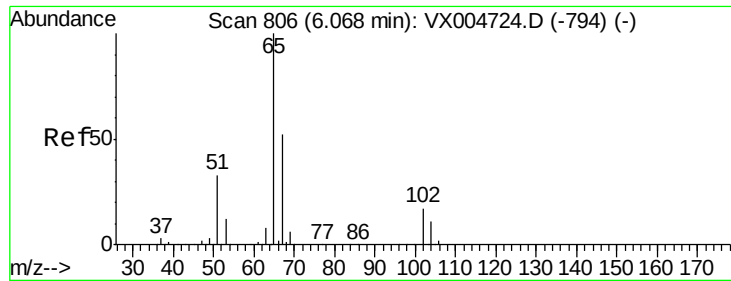
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 23.796 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	54.6	82.0
61	43.8	37.5	56.3





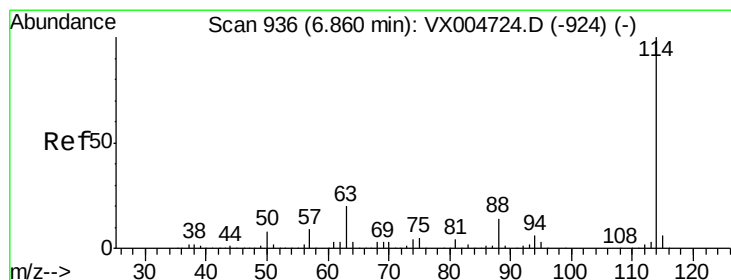
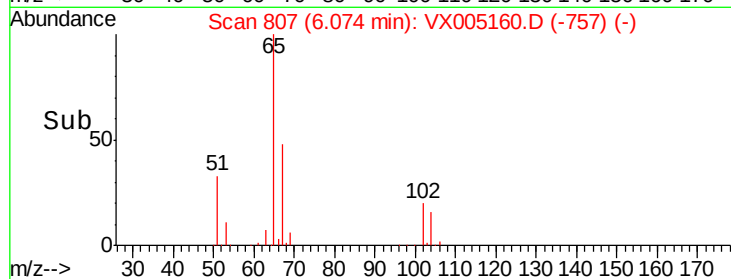
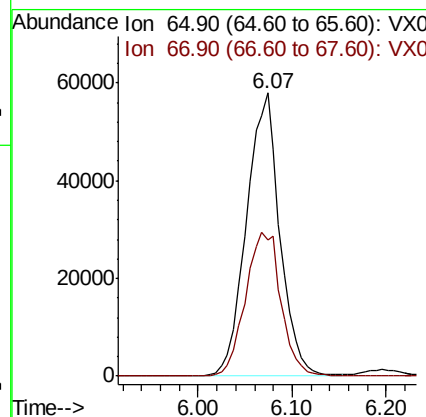
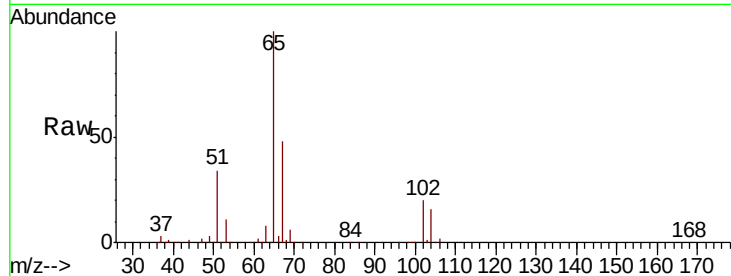
#33
 1,2-Dichloroethane-d4
 Concen: 50.418 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.4

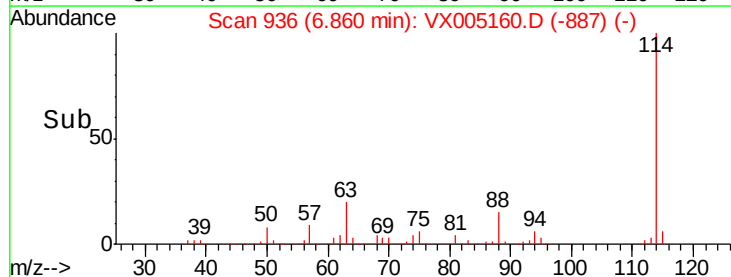
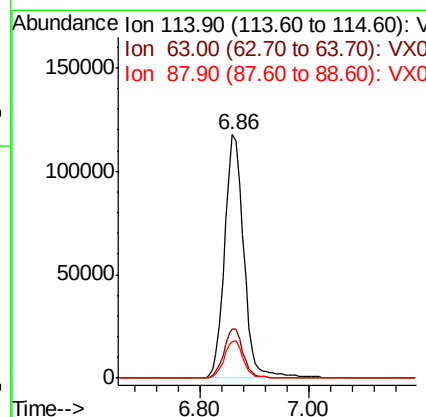
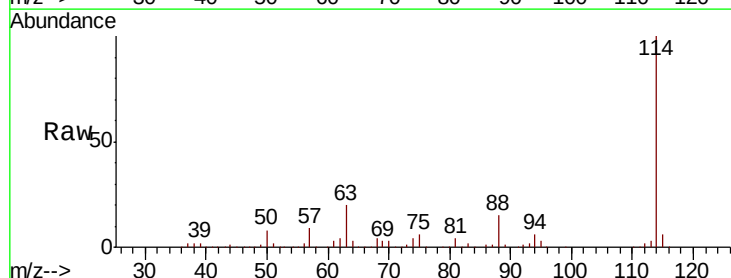
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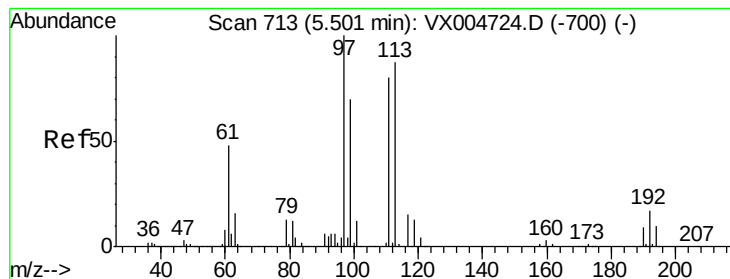
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.8
88	15.1	0.0	27.0





#35

Dibromofluoromethane

Concen: 46.584 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

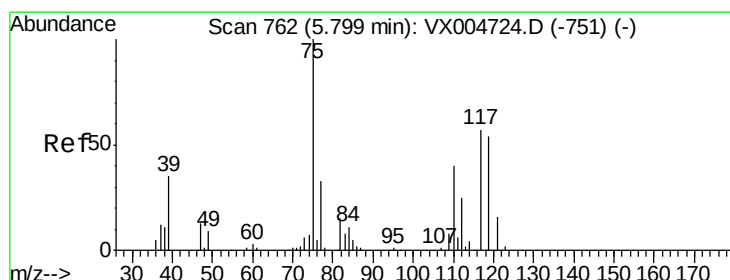
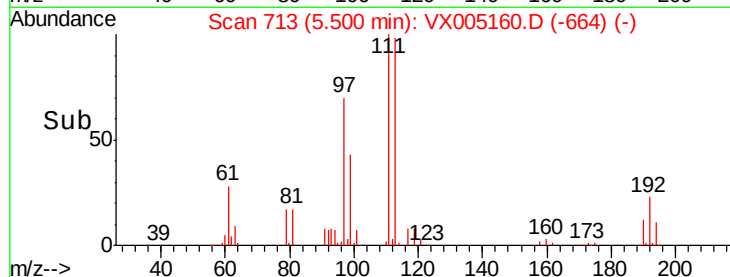
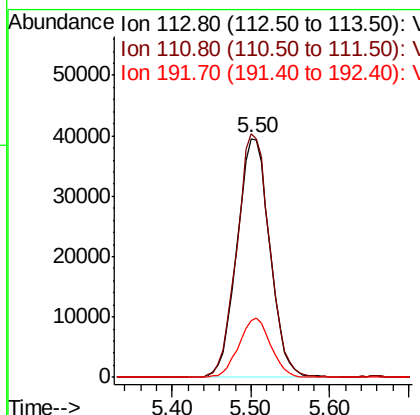
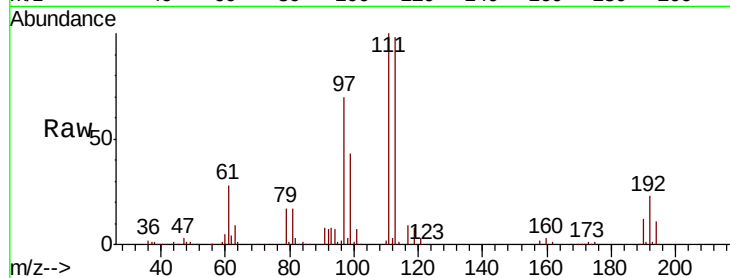
ClientSampleId :

VX1009WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	77.0	115.4
192	24.1	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 22.176 ug/l

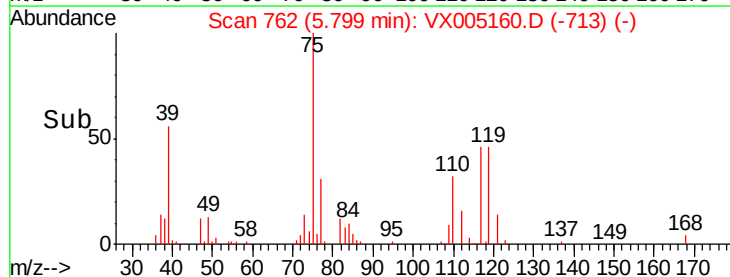
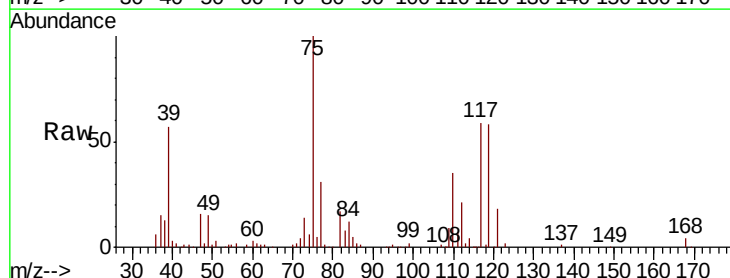
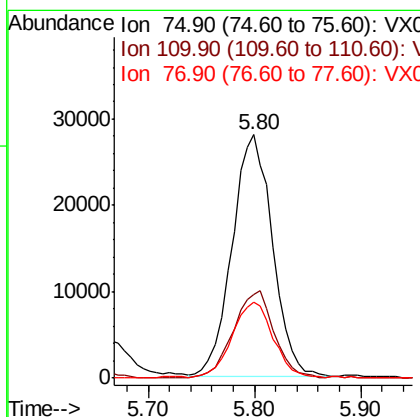
RT: 5.80 min Scan# 762

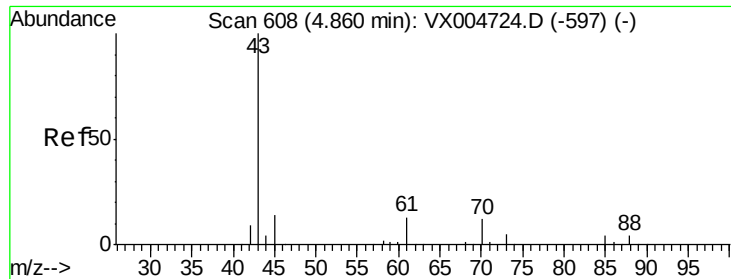
Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	20.0	59.9
77	32.7	27.1	40.7





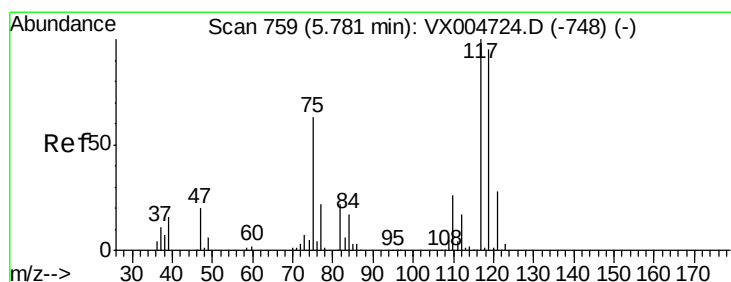
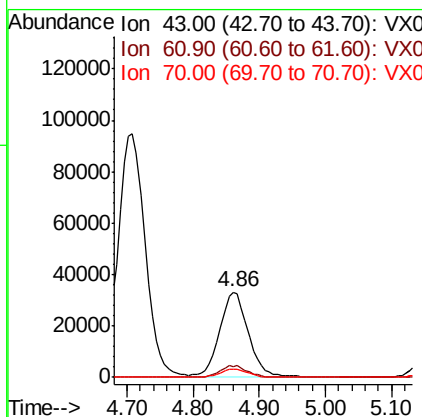
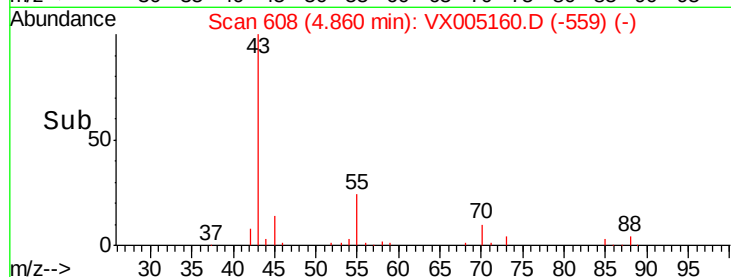
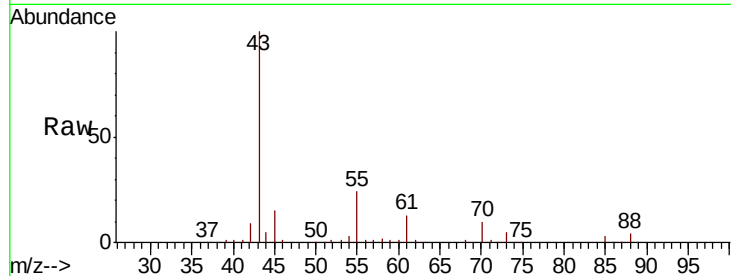
#37
Ethyl Acetate
Concen: 22.205 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.7	8.7	13.1

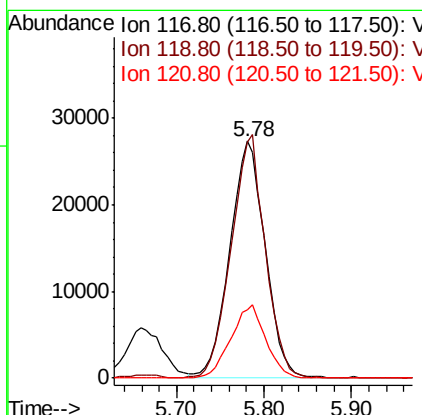
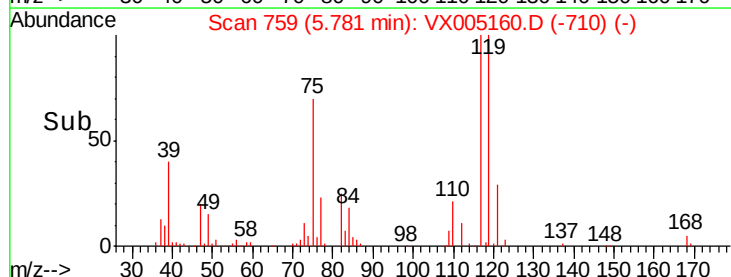
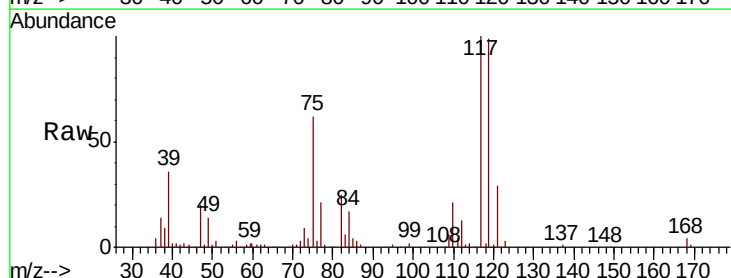
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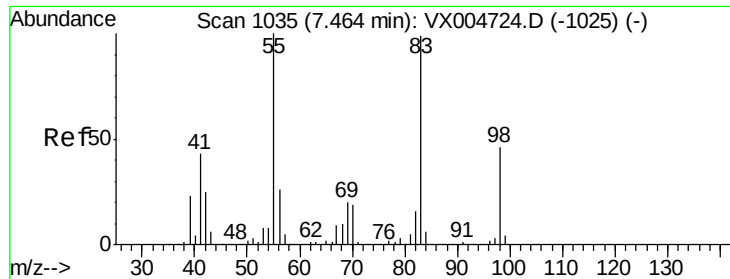
MMDadoda
10/10/2018 2:07:59 PM



#38
Carbon Tetrachloride
Concen: 21.773 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.2	112.8
121	28.7	22.5	33.7





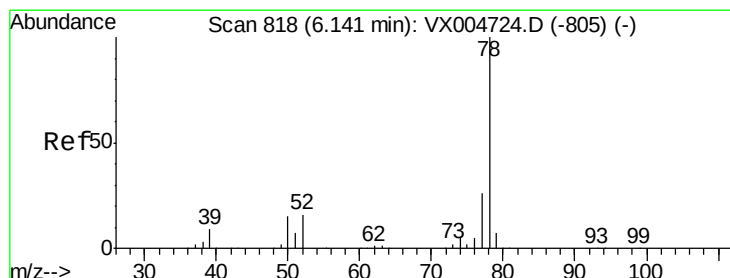
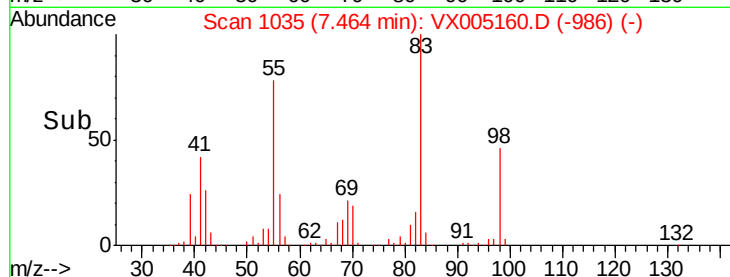
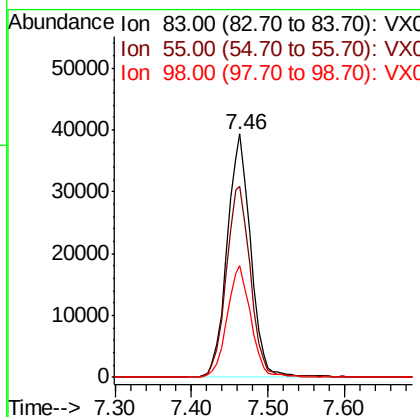
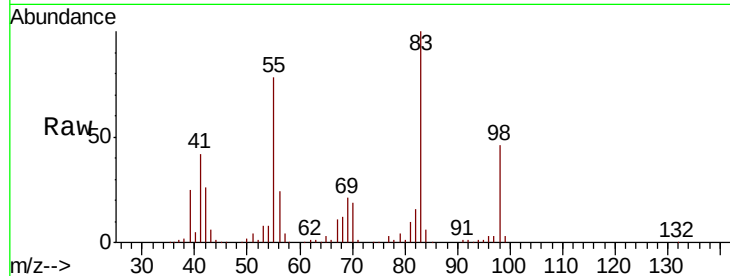
#39
Methylvlcyclohexane
Concen: 24.529 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	81.1	121.7#
98	45.8	37.3	55.9

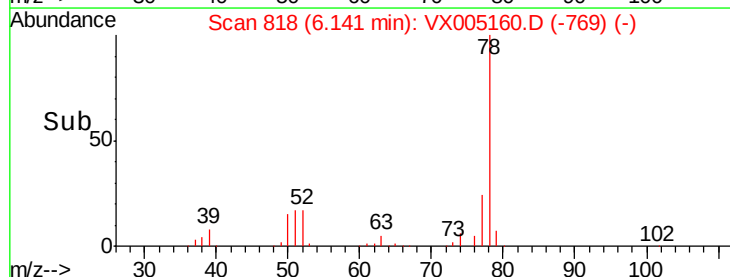
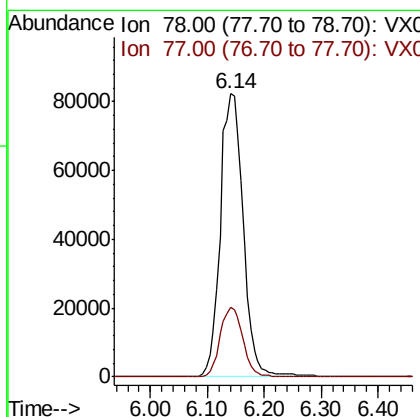
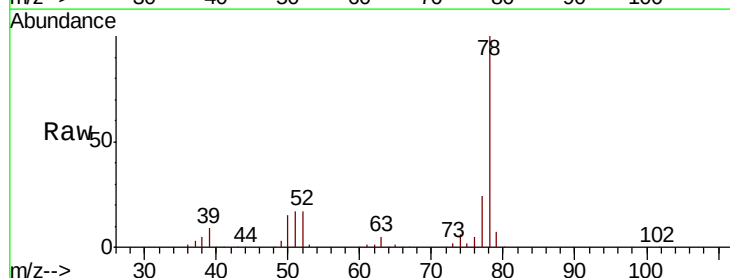
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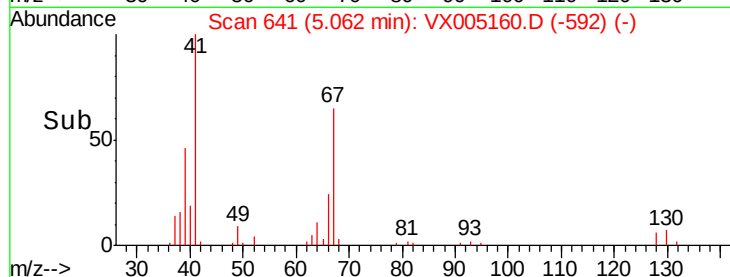
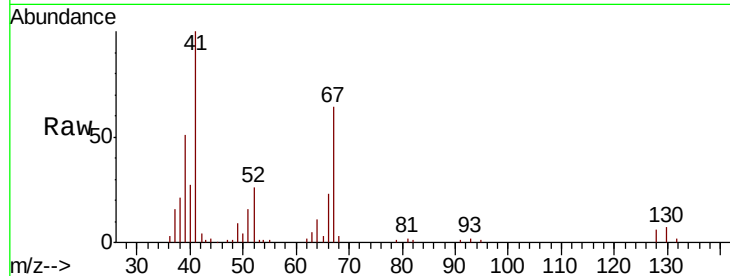
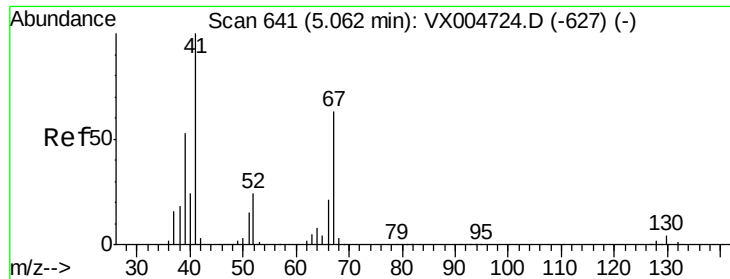
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#40
Benzene
Concen: 22.066 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	21.0	31.4





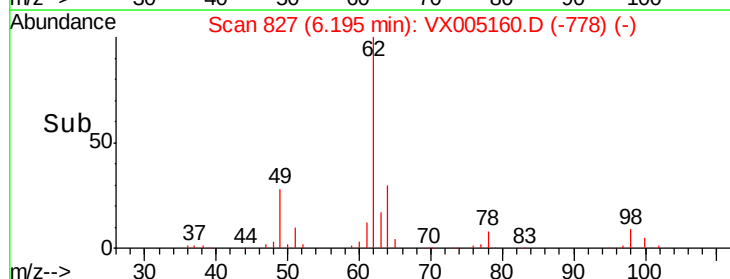
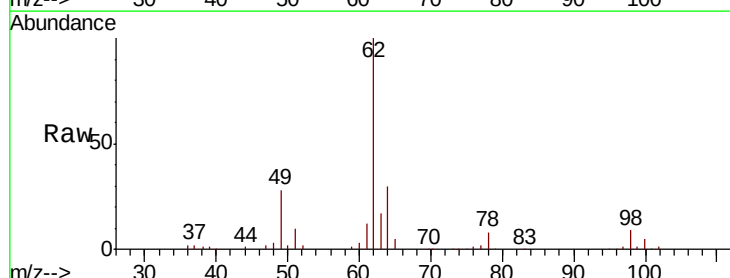
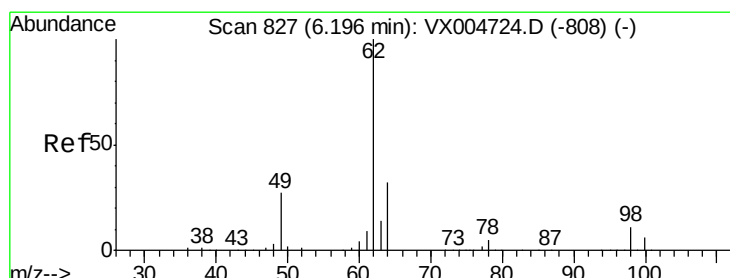
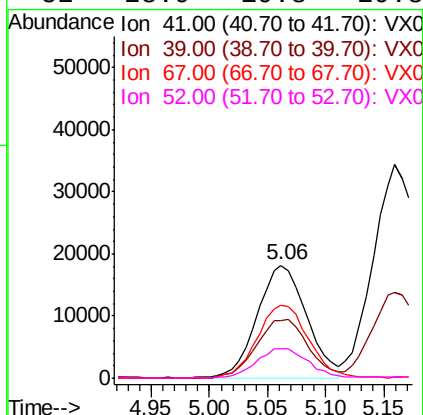
#41
Methacrylonitrile
Concen: 21.499 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	55.9	42.5	63.7
67	67	68.0	53.0	79.6
52	52	28.9	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

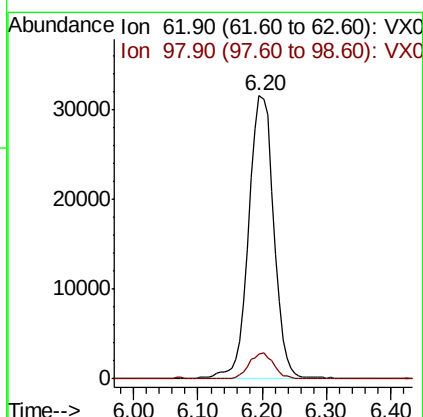
Manual Integrations
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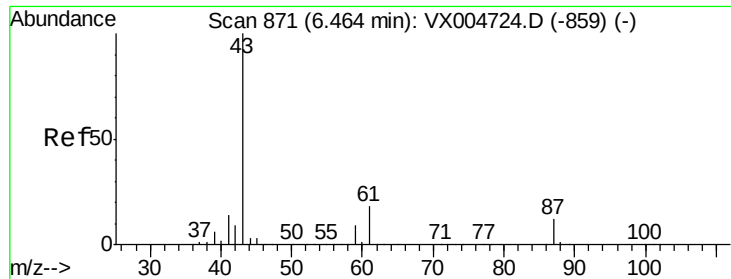
MMDadoda
10/10/2018 2:07:59 PM



#42
1,2-Dichloroethane
Concen: 22.568 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	8.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 22.529 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

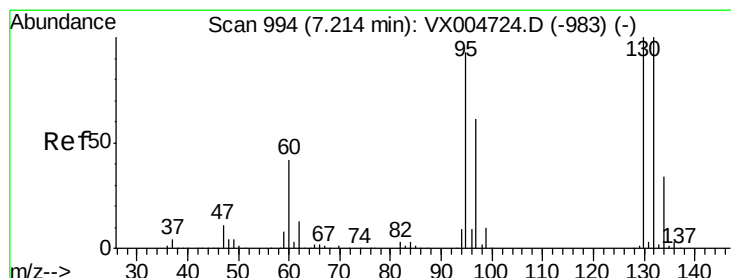
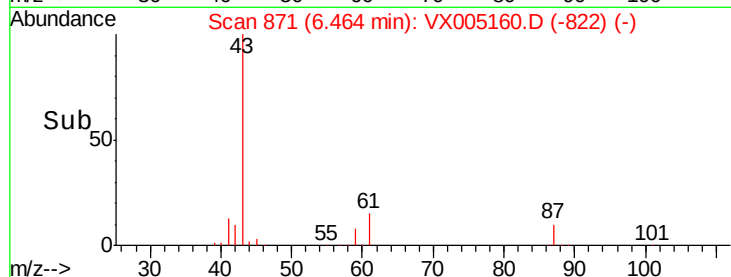
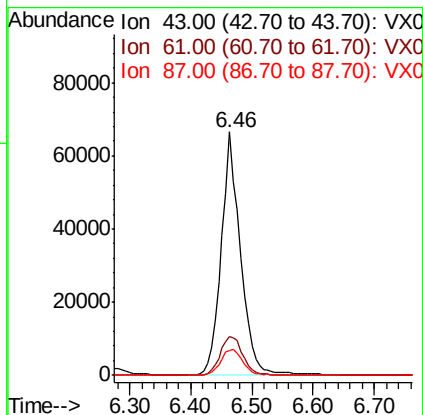
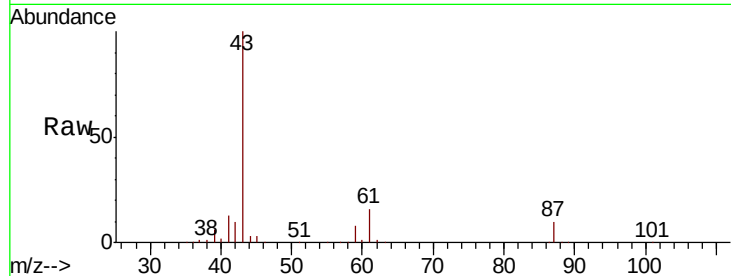
ClientSampleId :

VX1009WBS01

Tot Ion:	43	Resp:	144622
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.2	21.4
87	12.4	9.3	13.9

Manual Integrations
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10/10/2018 2:07:59 PM



#44

Trichloroethene

Concen: 23.664 ug/l

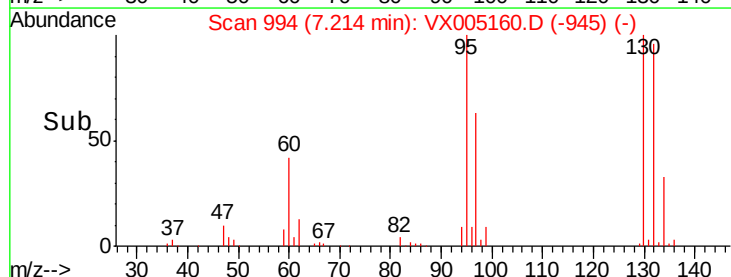
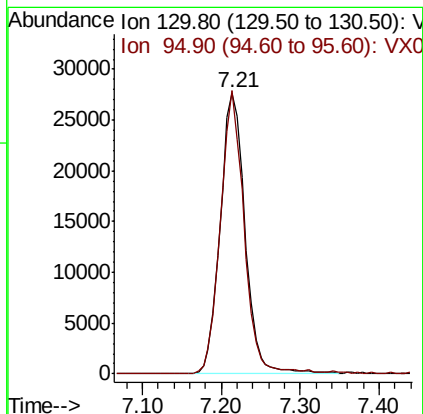
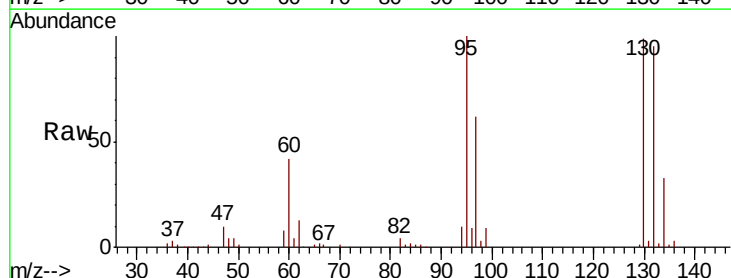
RT: 7.21 min Scan# 994

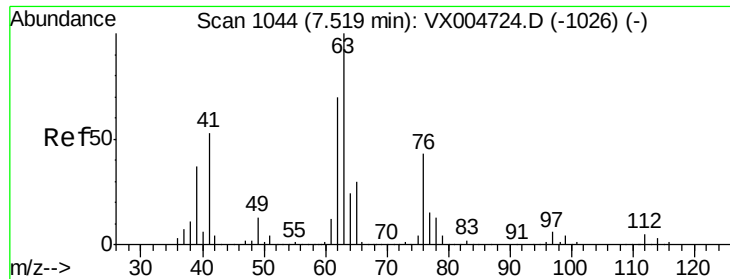
Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion:	130	Resp:	61021
Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	186.8





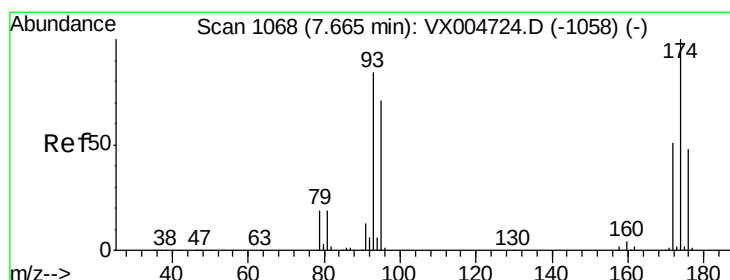
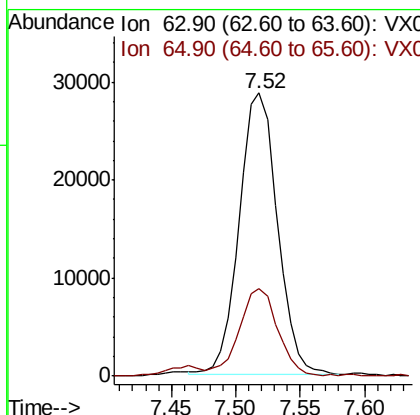
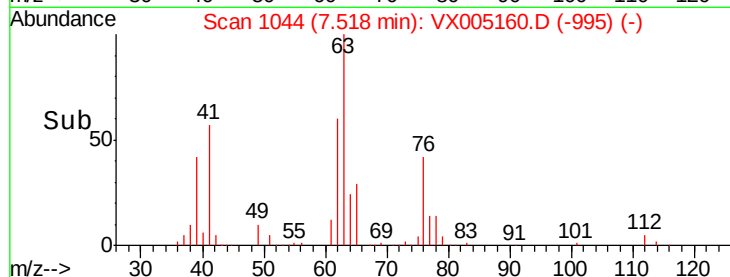
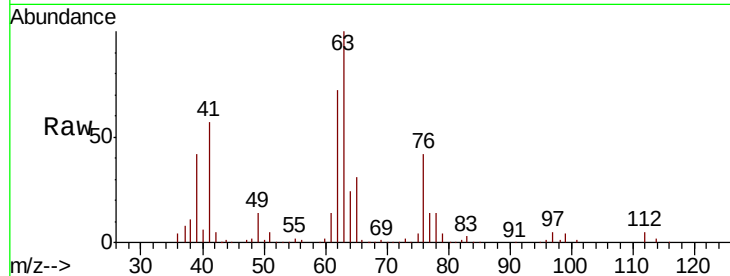
#45
 1,2-Dichloropropane
 Concen: 22.899 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion: 63 Resp: 58904
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.9 35.9

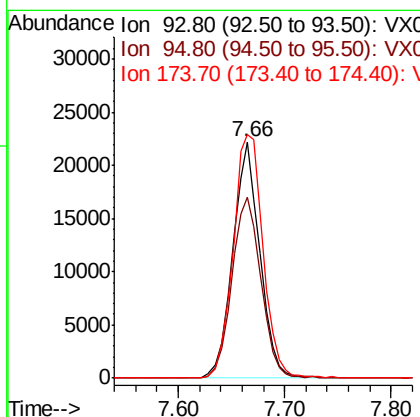
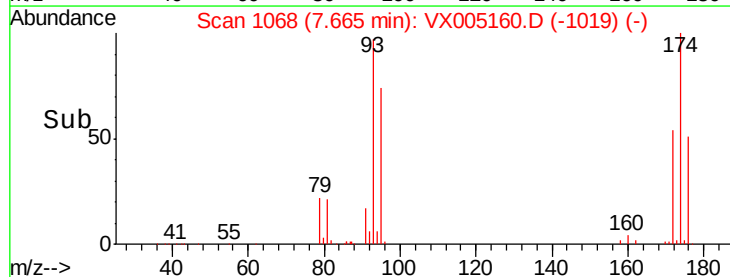
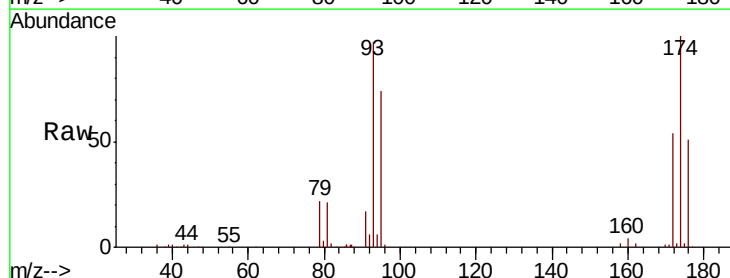
Manual Integrations
 APPROVED

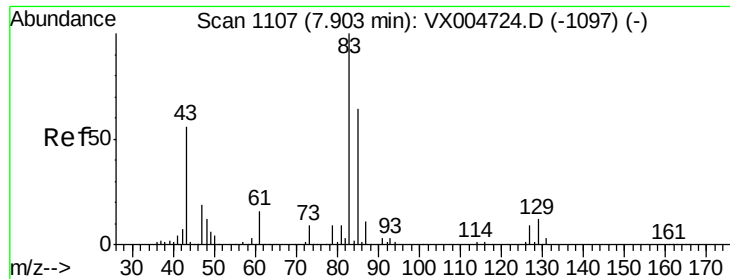
MMDadoda
 10/10/2018 2:07:59 PM



#46
 Dibromomethane
 Concen: 24.455 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion: 93 Resp: 39535
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.7 100.1
 174 113.8 92.7 139.1





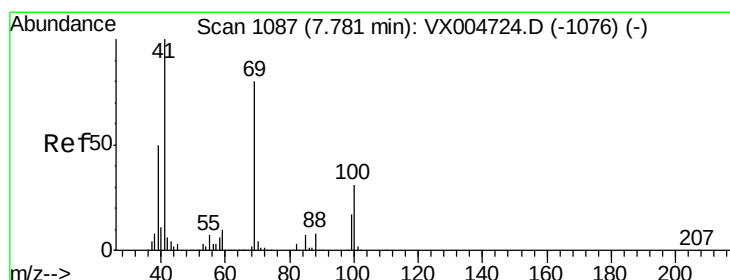
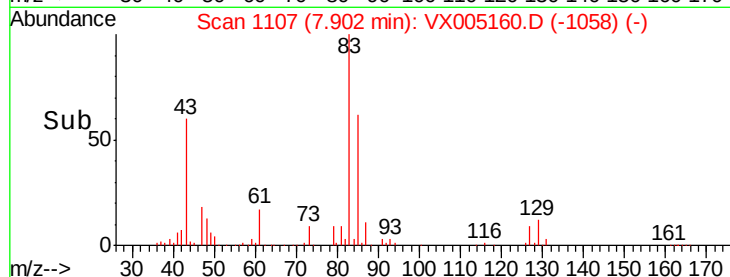
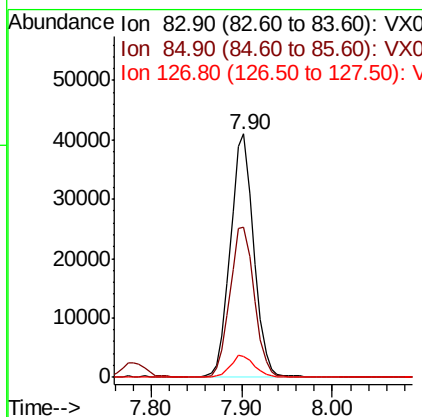
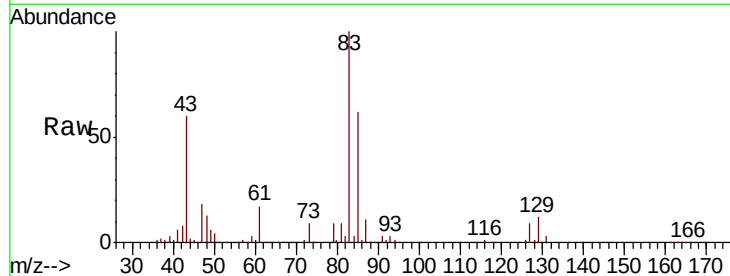
#47
Bromodichloromethane
Concen: 24.259 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	83	Resp	73426
Ion Ratio	100	Lower	Upper
83	100		
85	61.9	51.2	76.8
127	8.7	7.0	10.6

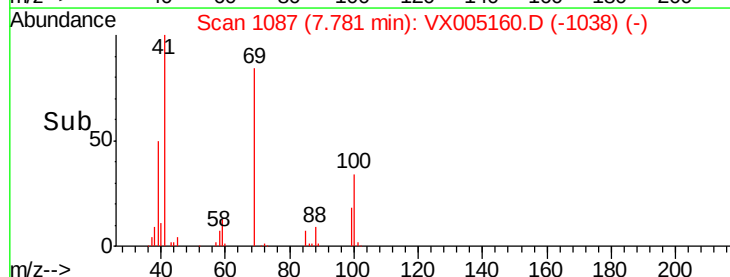
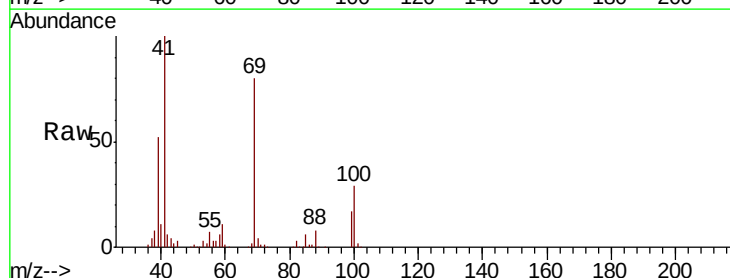
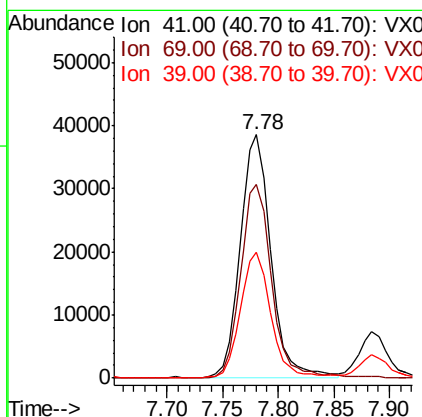
Manual Integrations
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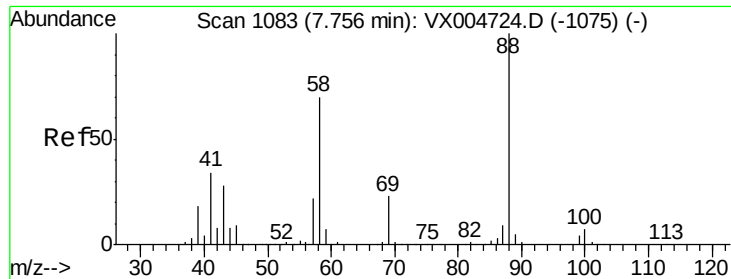
MMDadoda
10/10/2018 2:07:59 PM



#48
Methyl methacrylate
Concen: 25.261 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	41	Resp	73602
Ion Ratio	100	Lower	Upper
41	100		
69	81.5	63.8	95.6
39	50.8	40.7	61.1





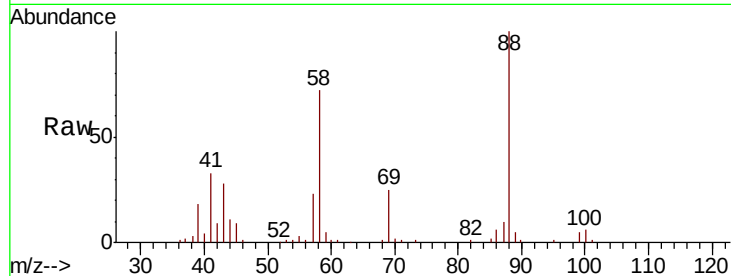
#49
1,4-Dioxane
Concen: 454.068 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.1	37.7
58	74.3	56.2	84.2

Manual Integrations
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MMDadoda
10/10/2018 2:07:59 PM

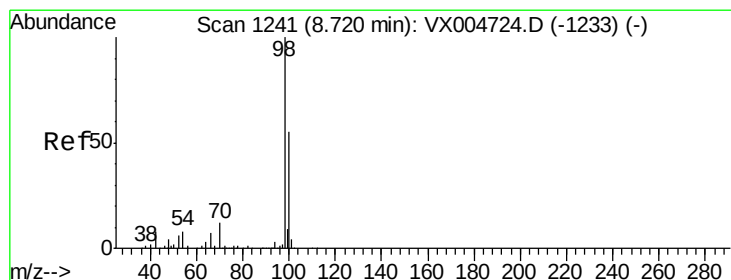
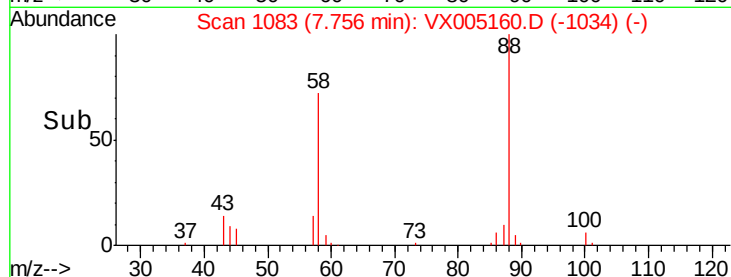
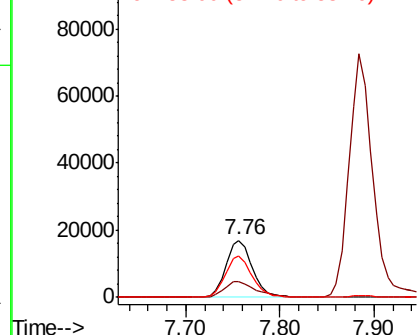


Abundance

Ion 88.00 (87.70 to 88.70): VX0

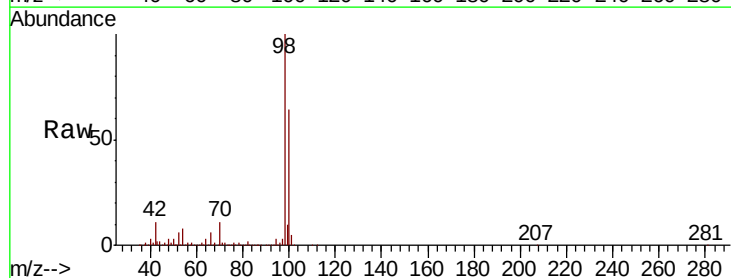
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.783 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

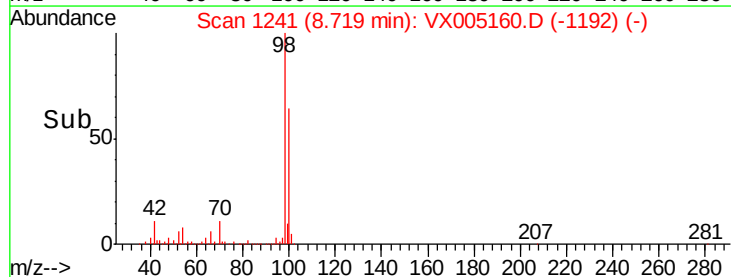
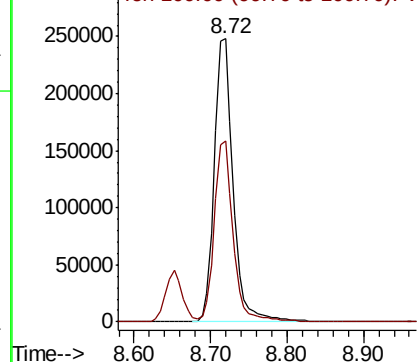
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9

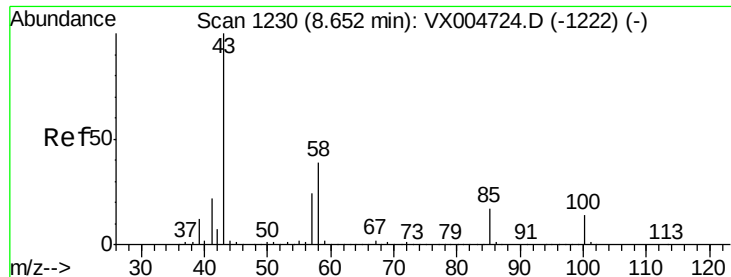


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





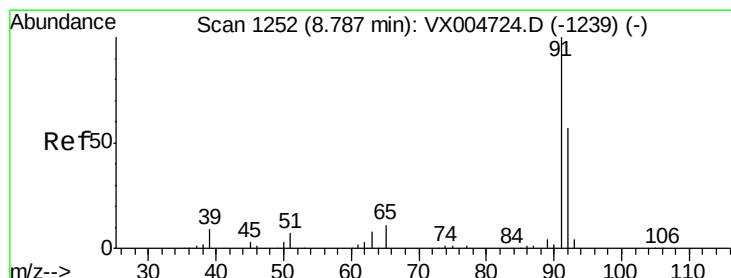
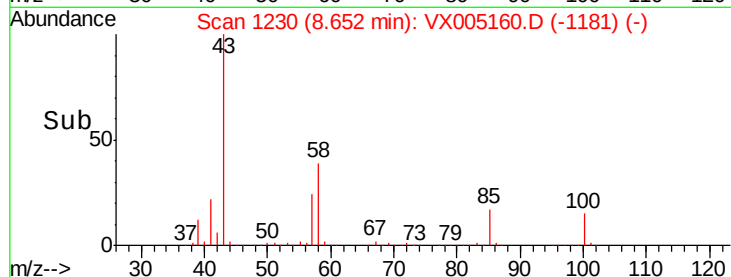
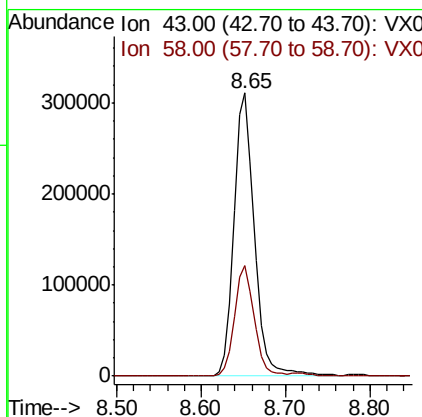
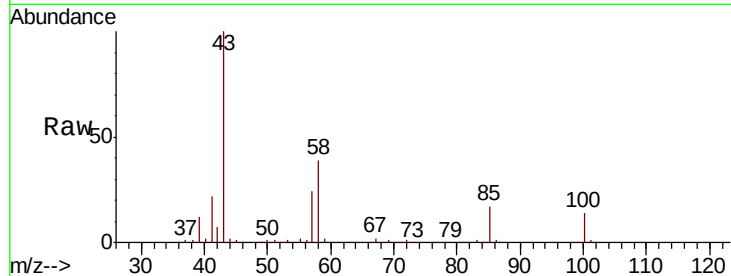
#51
4-Methyl-2-Pentanone
Concen: 126.089 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.5	45.7

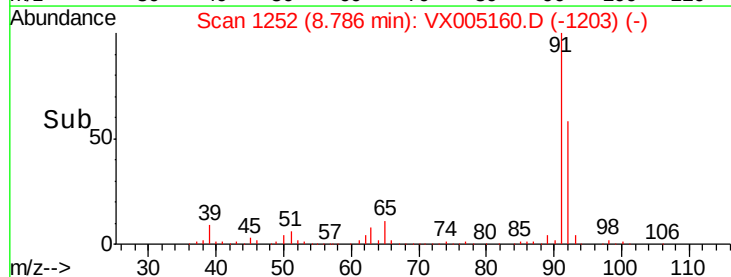
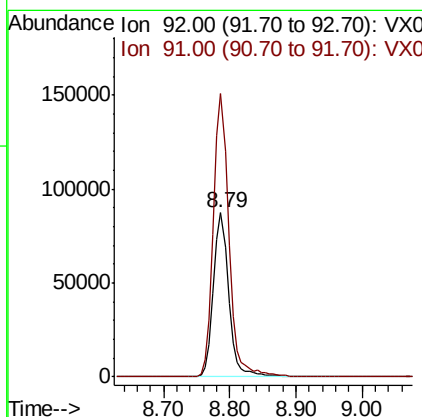
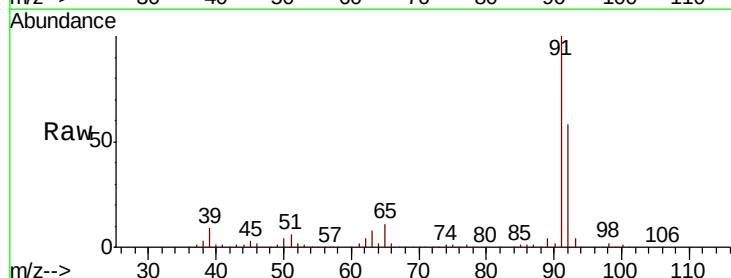
Manual Integrations
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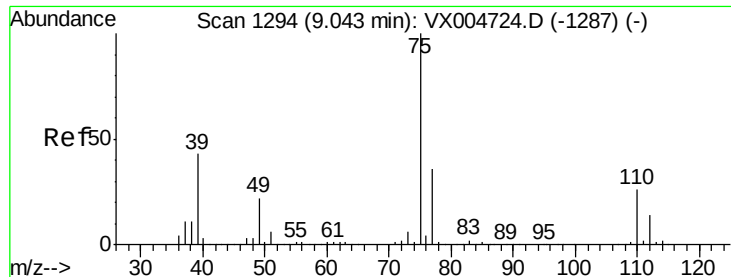
MMDadoda
10/10/2018 2:07:59 PM



#52
Toluene
Concen: 24.515 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.6	136.7	205.1





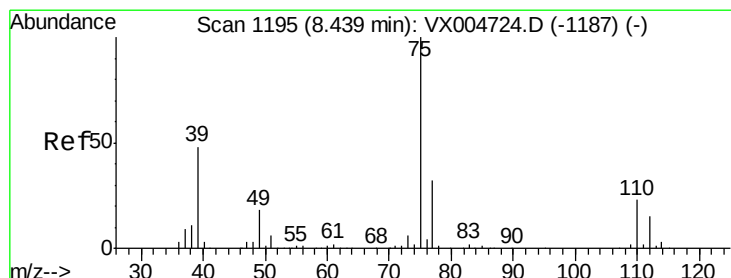
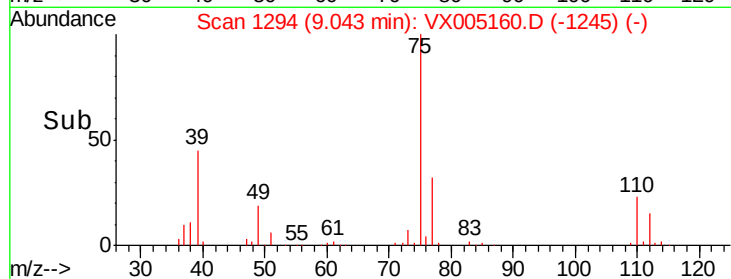
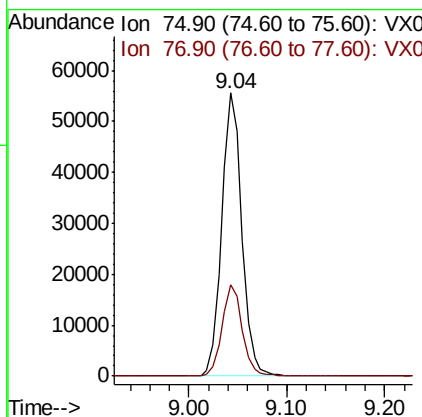
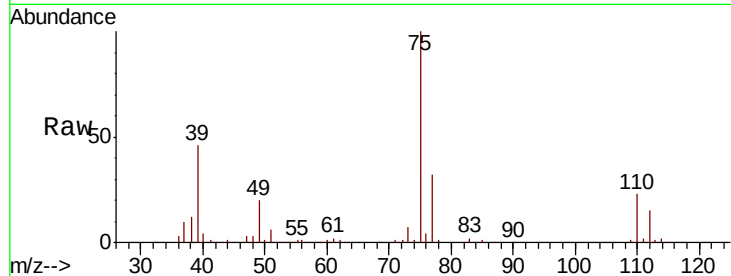
#53
 t-1,3-Dichloropropene
 Concen: 23.178 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion: 75 Resp: 79277
 Ion Ratio Lower Upper
 75 100
 77 32.2 28.9 43.3

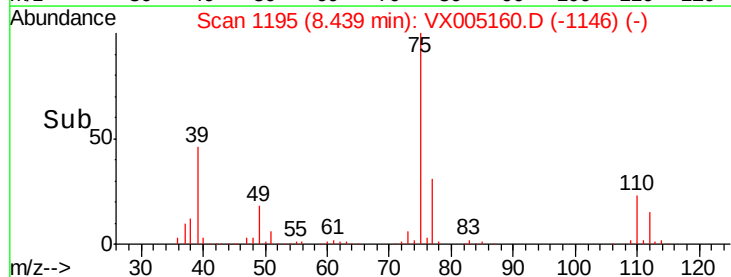
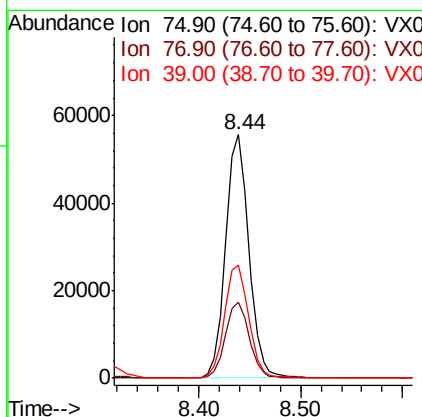
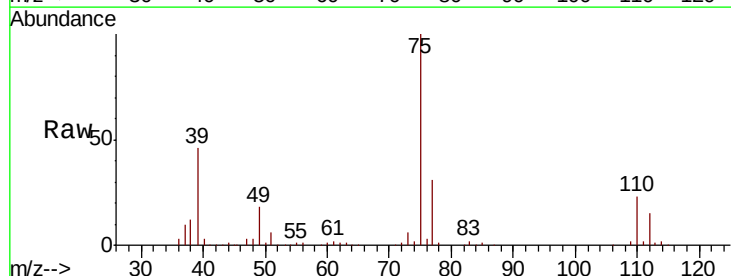
Manual Integrations
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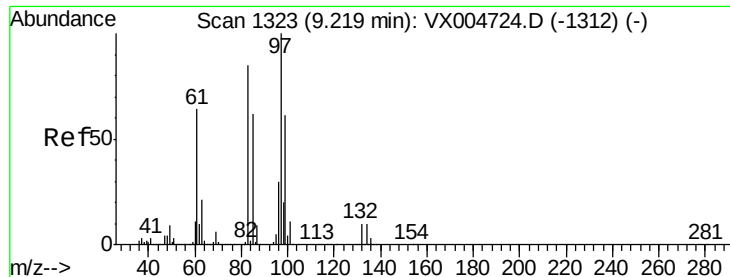
MMDadoda
 10/10/2018 2:07:59 PM



#54
 cis-1,3-Dichloropropene
 Concen: 24.609 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion: 75 Resp: 88162
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 46.1 38.3 57.5





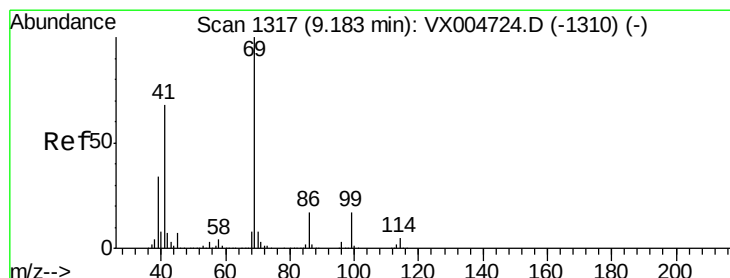
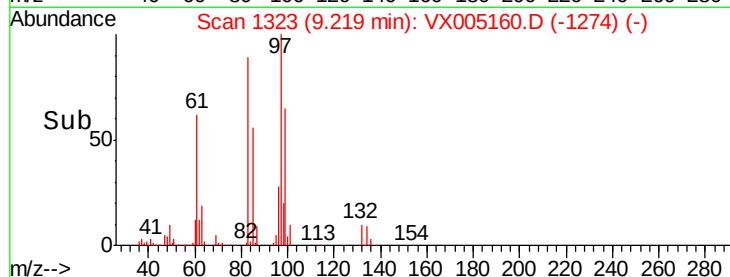
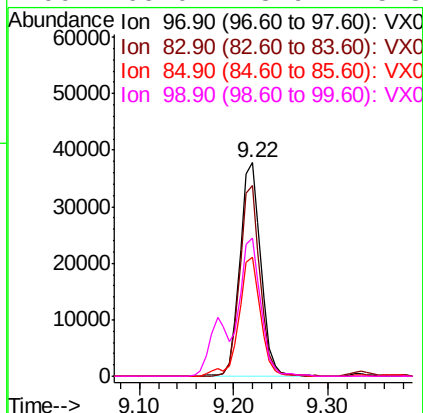
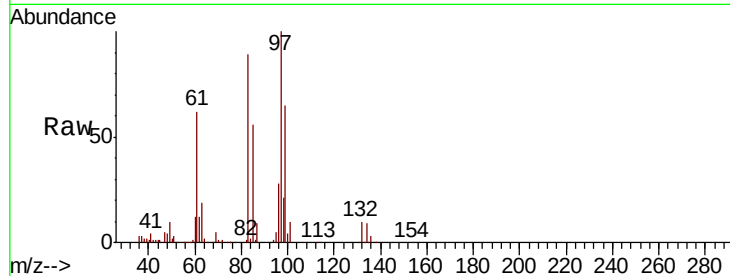
#55
 1,1,2-Trichloroethane
 Concen: 23.130 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion:	97	Resp:	58397
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.2	102.2
85	55.8	49.9	74.9
99	65.0	48.9	73.3

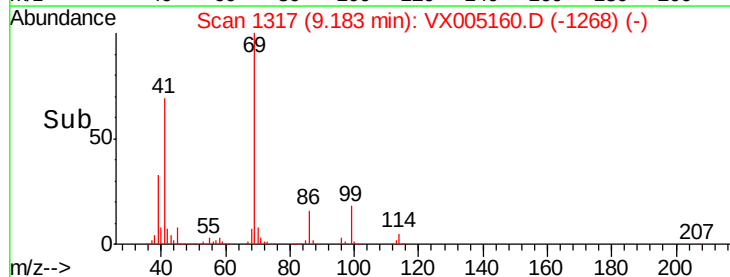
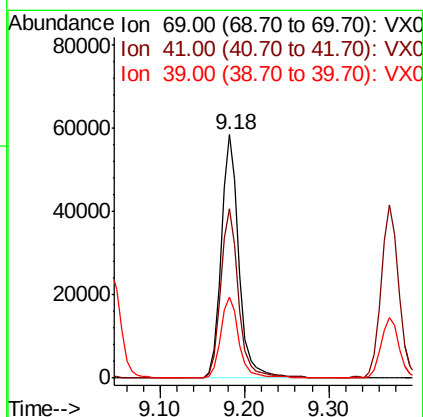
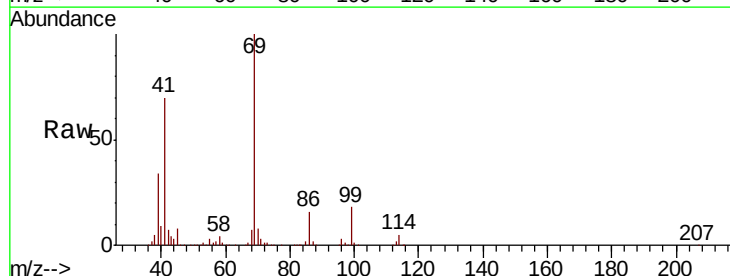
Manual Integrations
 APPROVED

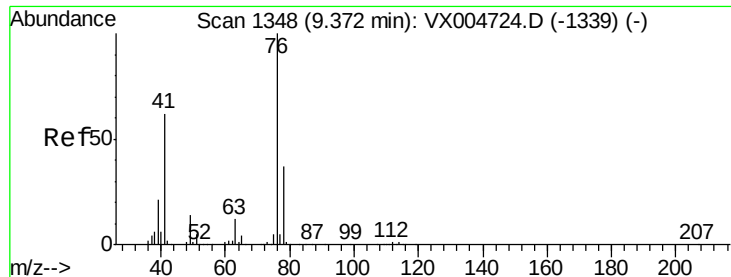
MMDadoda
 10/10/2018 2:07:59 PM



#56
 Ethyl methacrylate
 Concen: 22.397 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion:	69	Resp:	84894
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.9	85.3
39	33.9	28.4	42.6





#57

1,3-Dichloropropane

Concen: 23.147 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 76 Resp: 97265

Ion Ratio Lower Upper

76 100

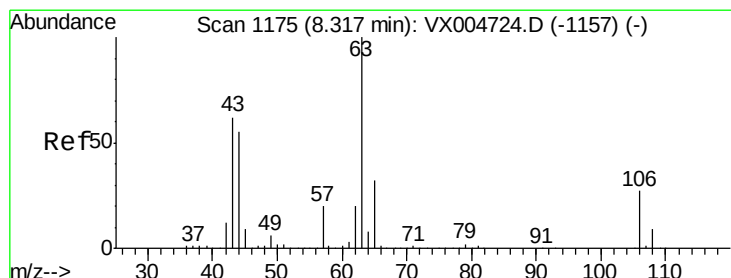
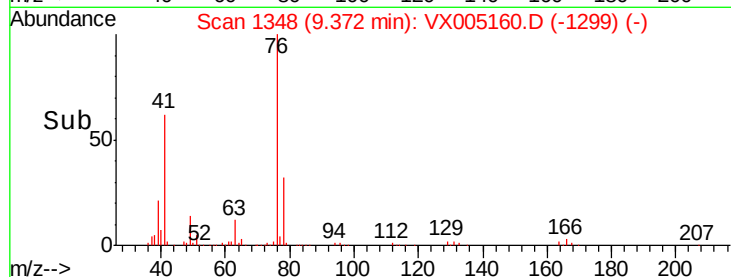
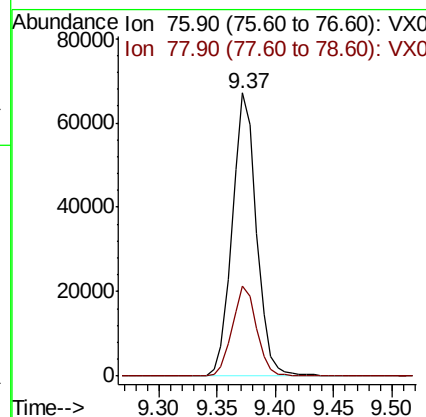
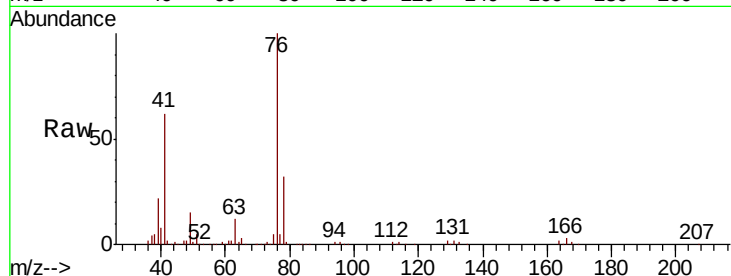
78 32.1 26.6 40.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 105.799 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005160.D

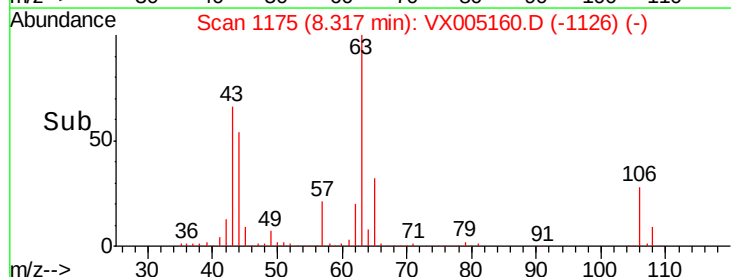
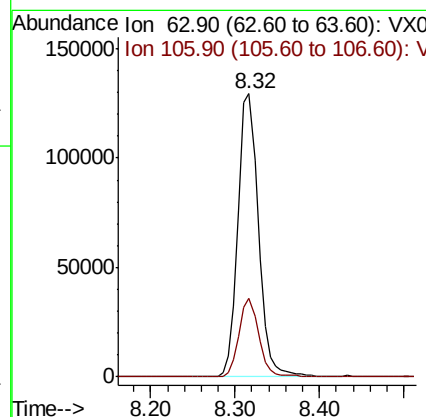
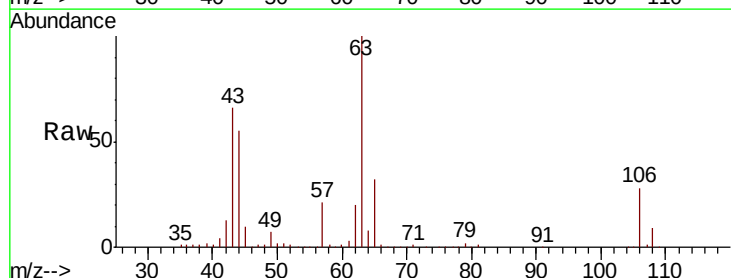
Acq: 09 Oct 2018 15:48

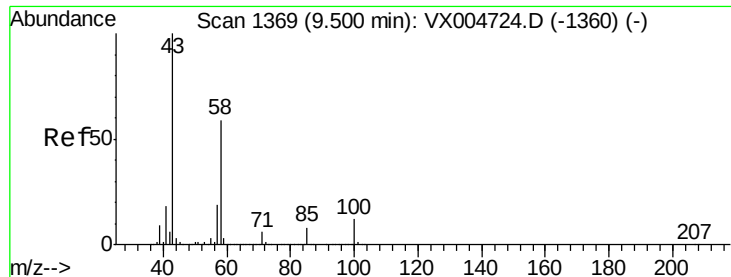
Tgt Ion: 63 Resp: 211207

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.6





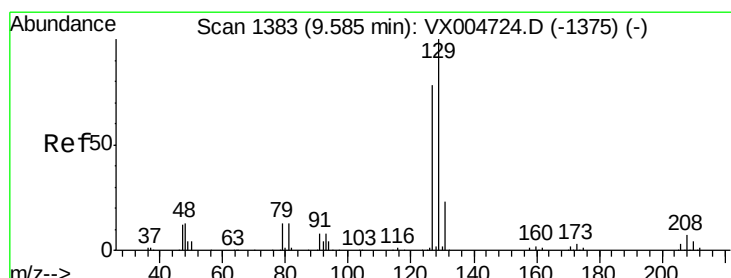
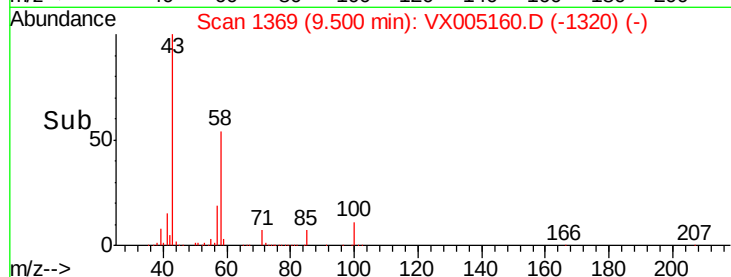
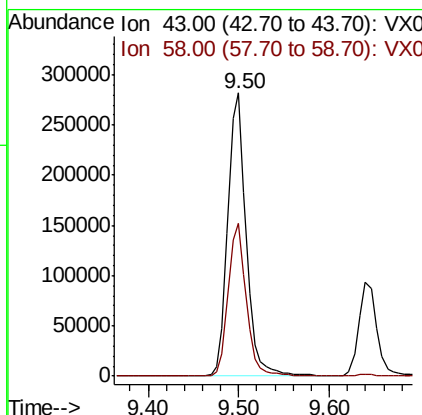
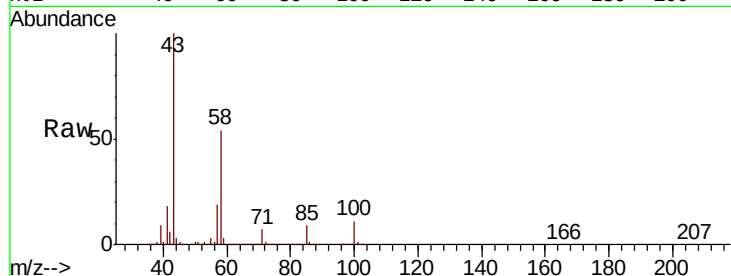
#59
2-Hexanone
Concen: 117.944 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion: 43 Resp: 397254
Ion Ratio Lower Upper
43 100
58 53.2 28.4 85.3

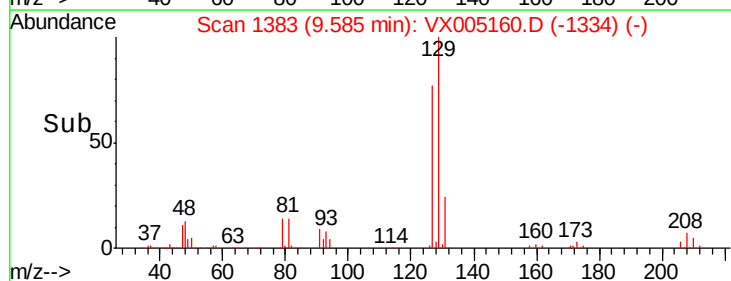
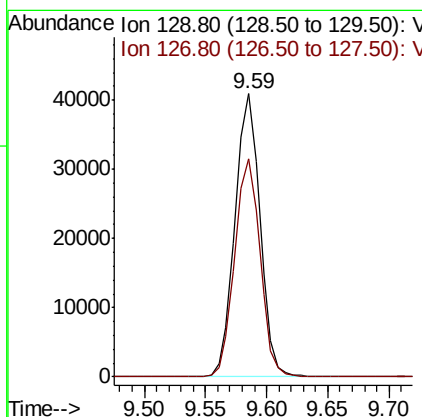
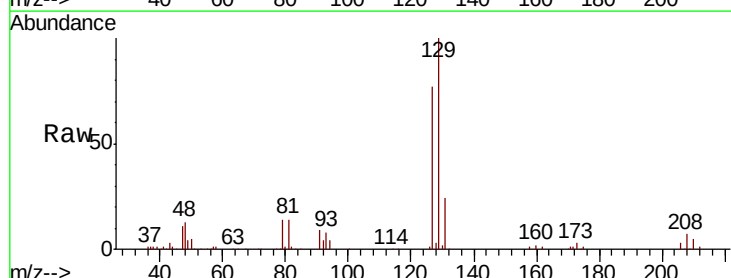
Manual Integrations
APPROVED

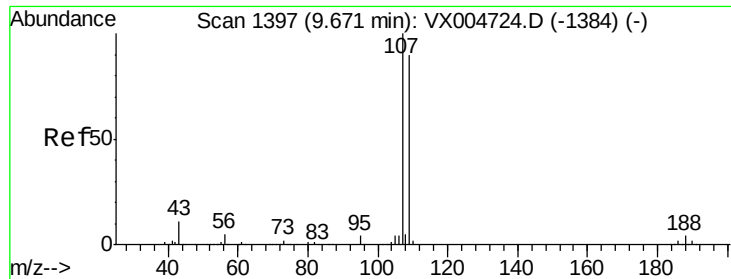
MMDadoda
10/10/2018 2:07:59 PM



#60
Dibromochloromethane
Concen: 22.913 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion: 129 Resp: 57853
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 22.188 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion:107 Resp: 59993

Ion Ratio Lower Upper

107 100

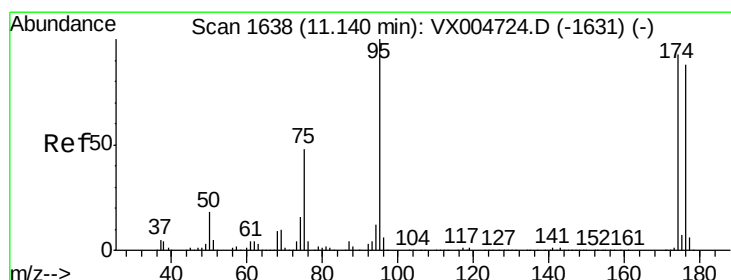
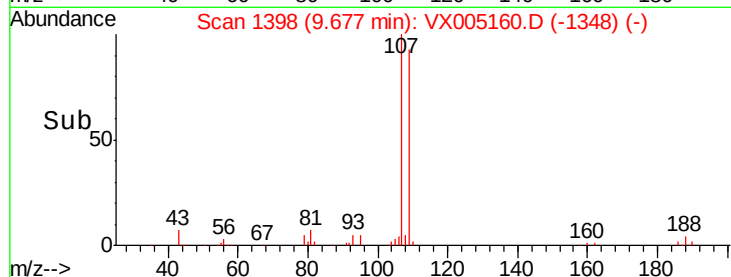
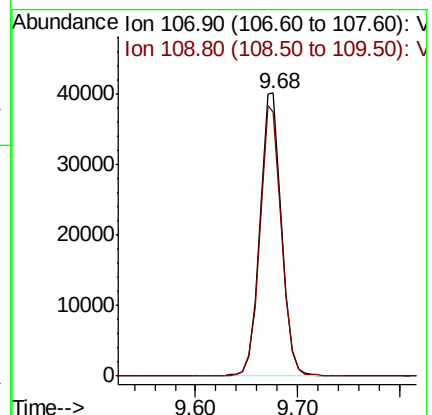
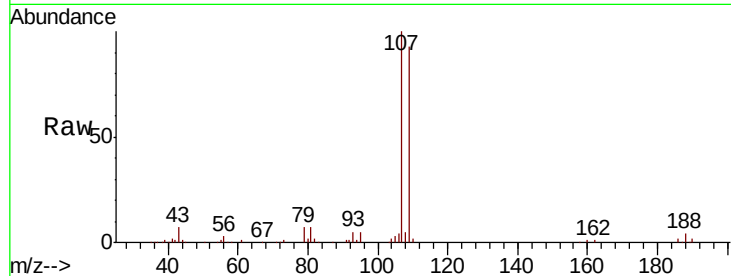
109 95.4 72.1 108.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 53.681 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

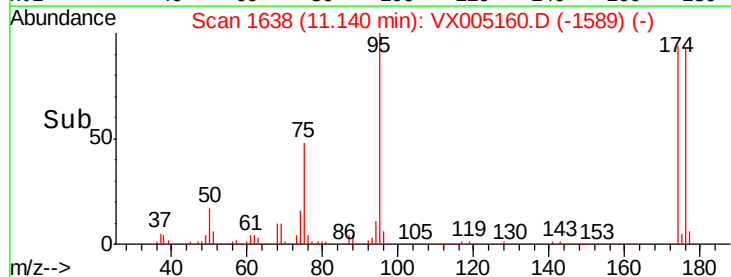
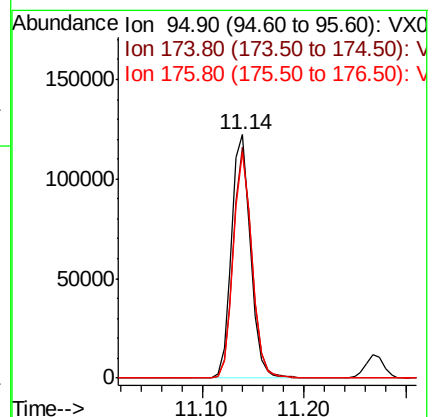
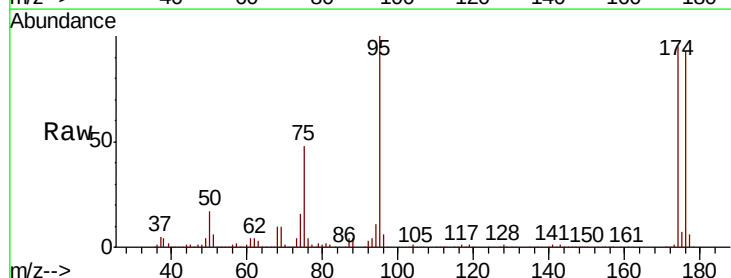
Tgt Ion: 95 Resp: 157883

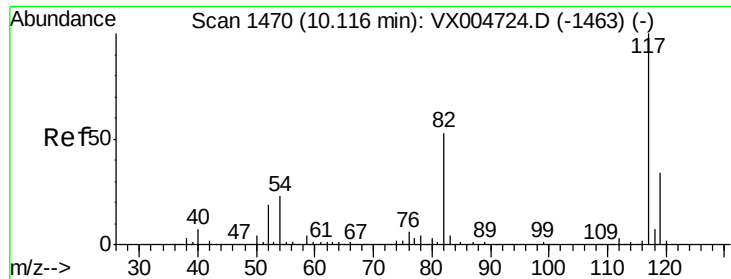
Ion Ratio Lower Upper

95 100

174 91.6 0.0 185.0

176 89.9 0.0 180.2





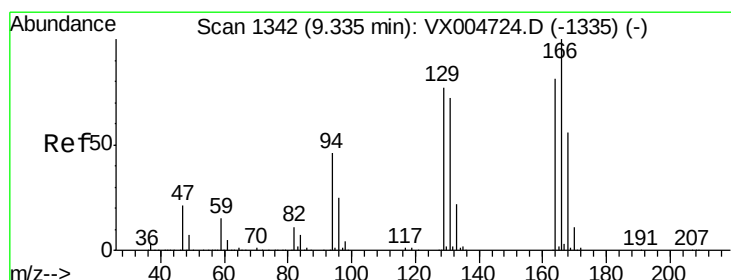
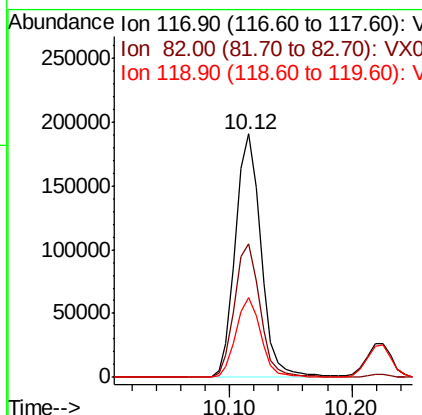
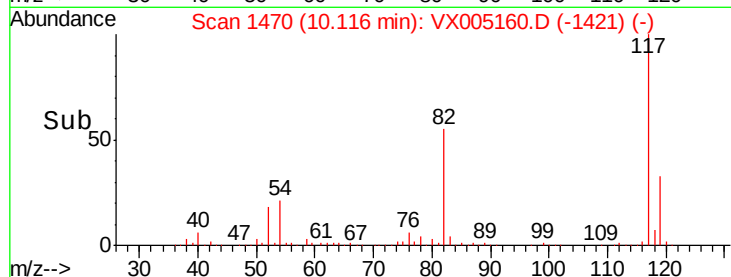
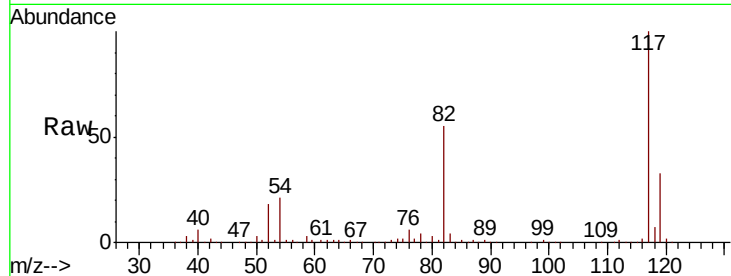
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.2	63.4
119	32.8	27.4	41.0

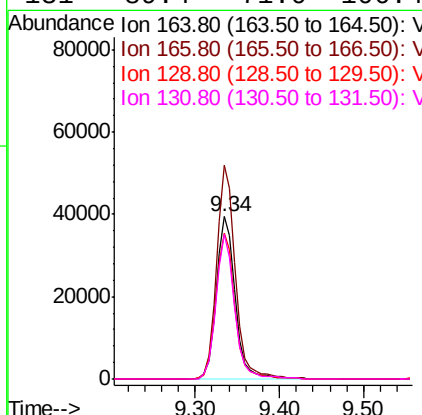
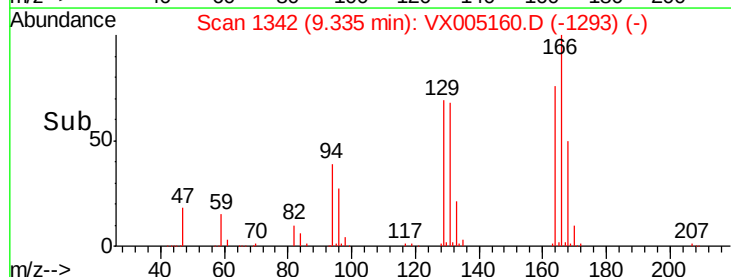
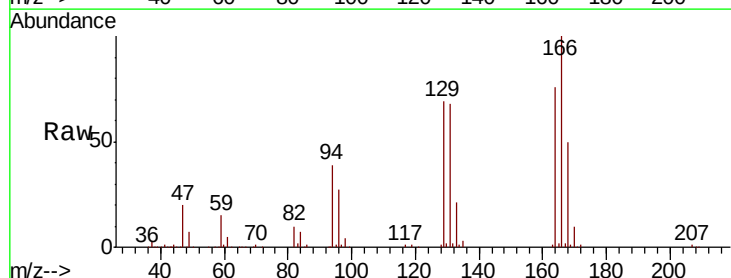
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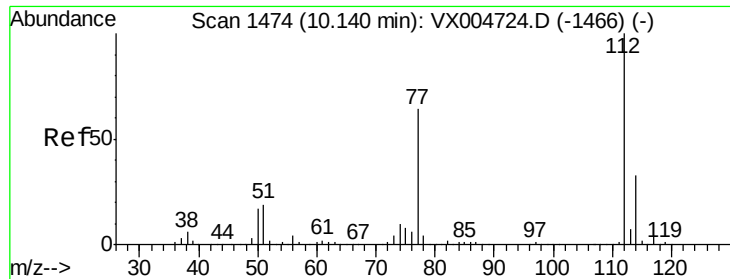
MMDadoda
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#64
Tetrachloroethene
Concen: 22.578 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	98.4	147.6
129	90.4	76.1	114.1
131	89.4	71.0	106.4





#65

Chlorobenzene

Concen: 22.138 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion:112 Resp: 156708

Ion Ratio Lower Upper

112 100

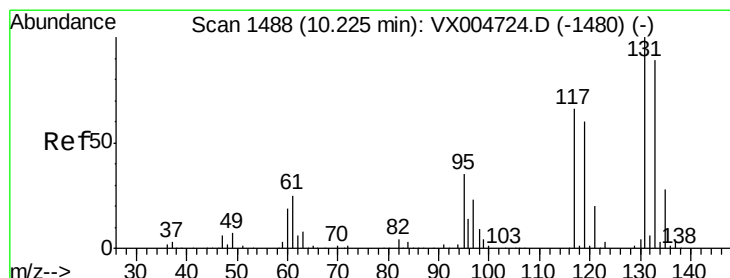
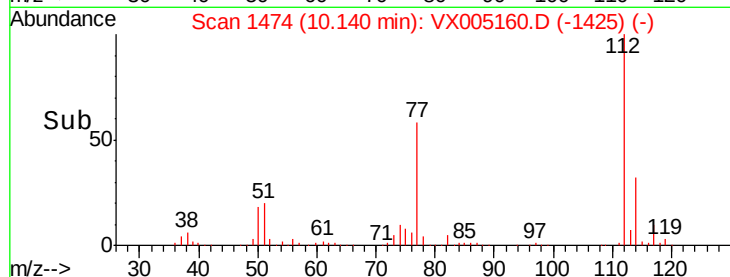
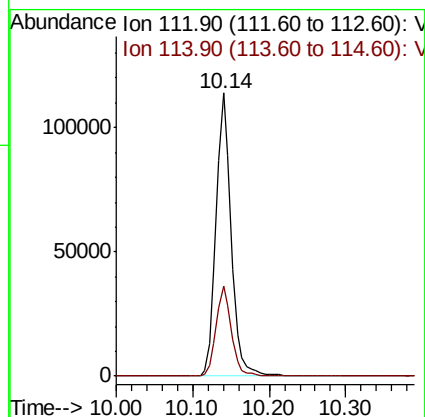
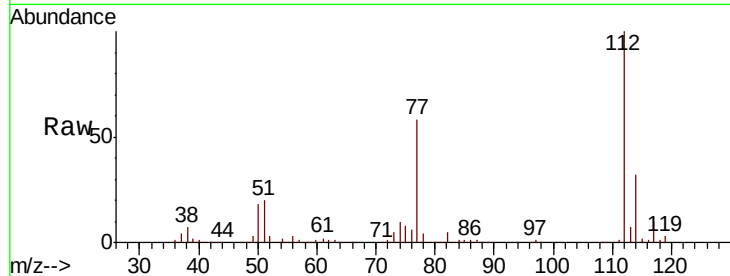
114 31.8 26.7 40.1

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 22.791 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

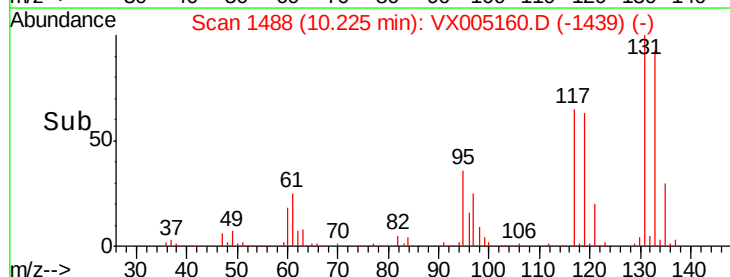
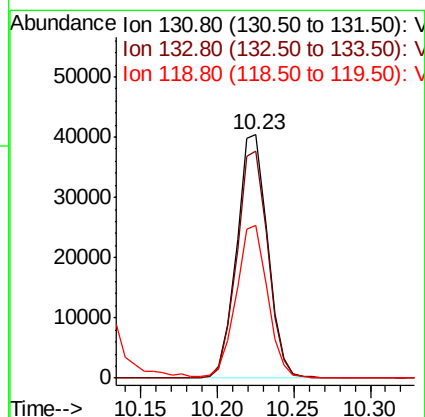
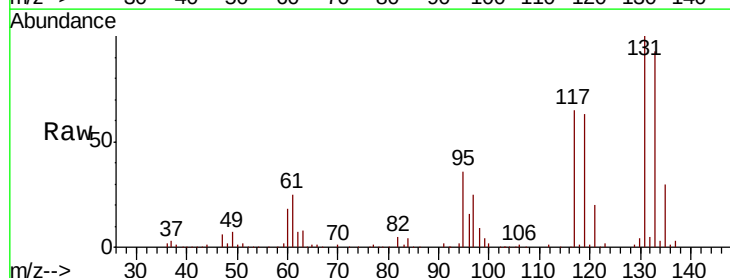
Tgt Ion:131 Resp: 56715

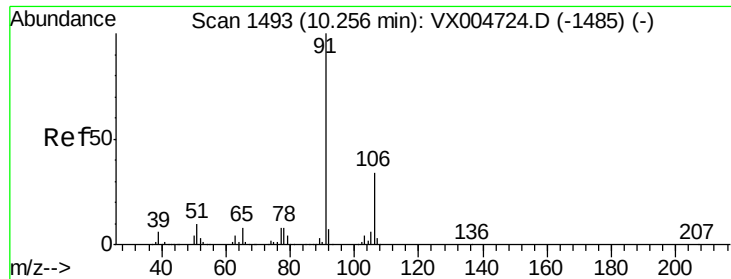
Ion Ratio Lower Upper

131 100

133 93.8 48.4 145.0

119 63.9 32.3 96.8





#67

Ethyl Benzene

Concen: 23.134 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 91 Resp: 259986

Ion Ratio Lower Upper

91 100

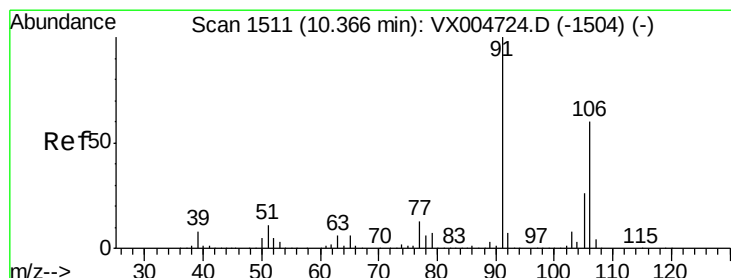
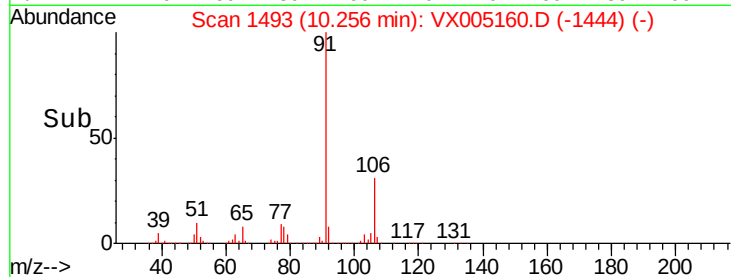
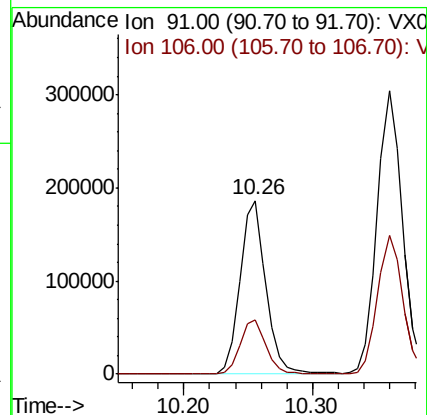
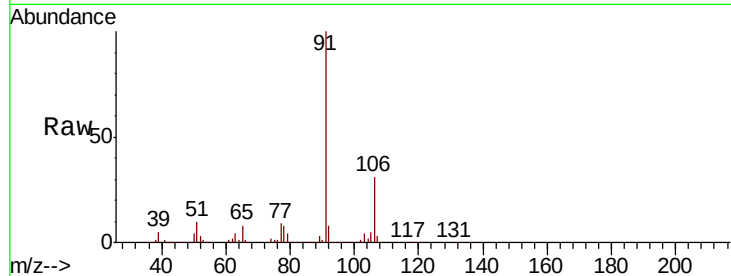
106 31.1 26.9 40.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 46.878 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005160.D

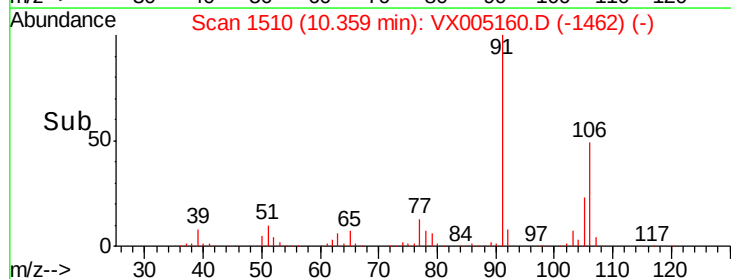
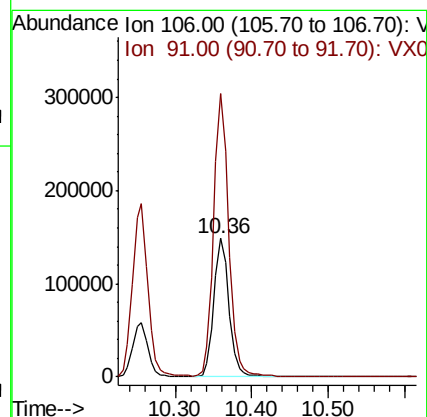
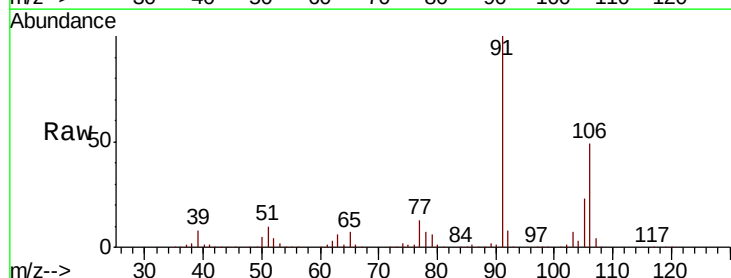
Acq: 09 Oct 2018 15:48

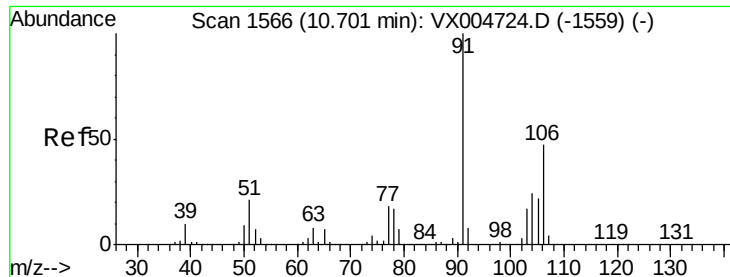
Tgt Ion: 106 Resp: 205867

Ion Ratio Lower Upper

106 100

91 203.6 157.5 236.3





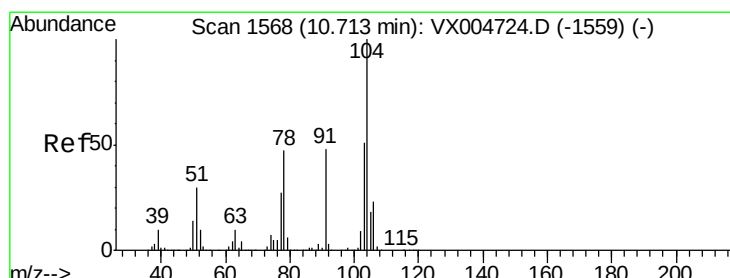
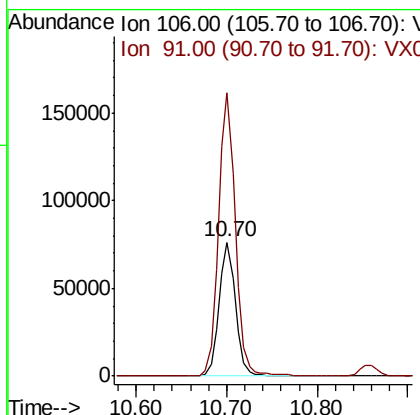
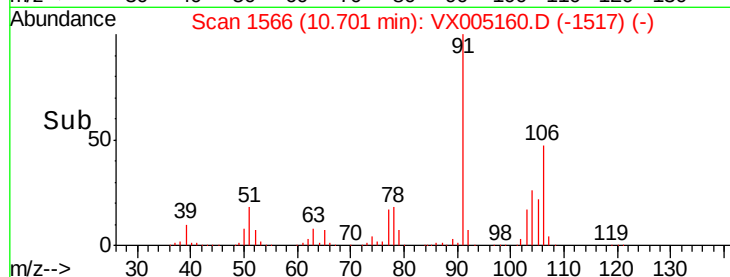
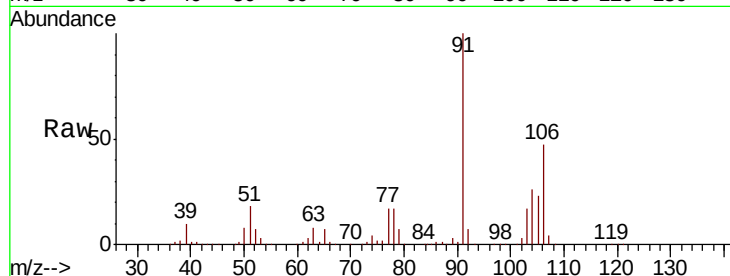
#69
o-Xylene
Concen: 24.250 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion:106 Resp: 97814
Ion Ratio Lower Upper
106 100
91 214.6 108.3 324.8

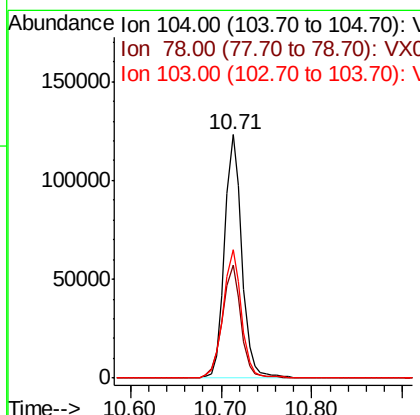
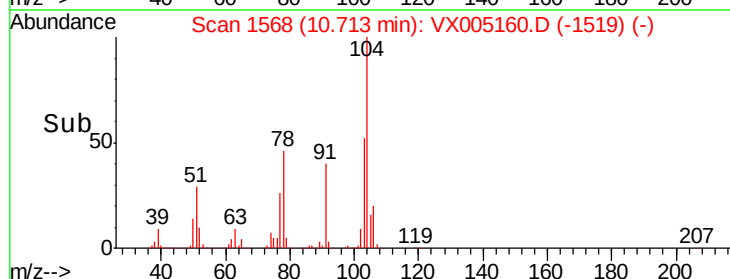
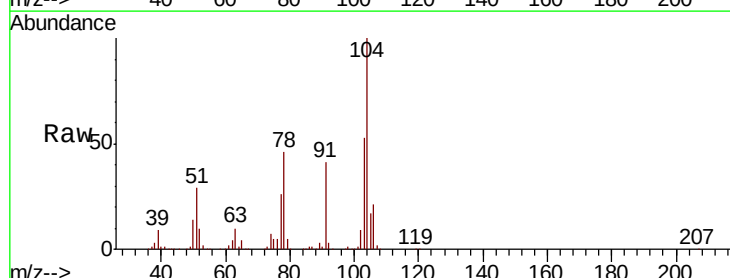
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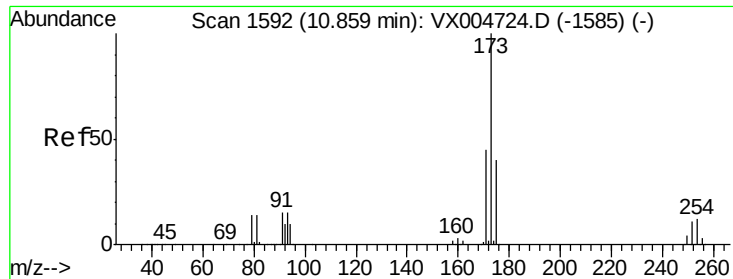
MMDadoda
10/10/2018 2:07:59 PM



#70
Styrene
Concen: 22.939 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion:104 Resp: 163921
Ion Ratio Lower Upper
104 100
78 50.2 40.0 60.0
103 56.2 44.3 66.5





#71

Bromoform

Concen: 21.836 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

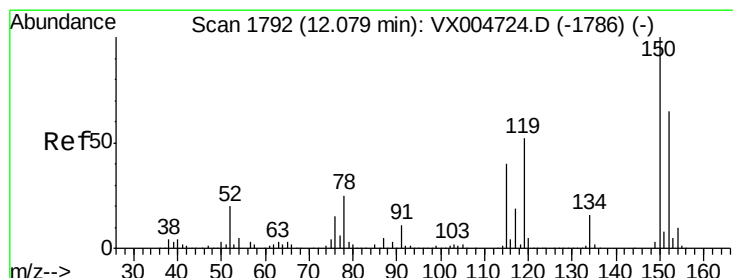
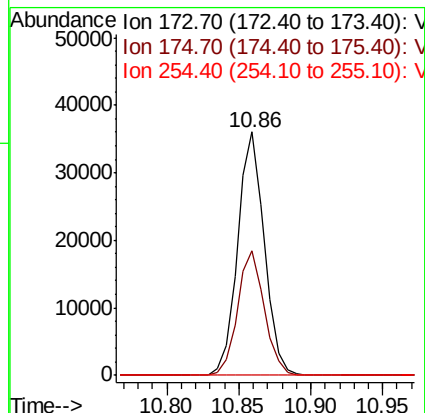
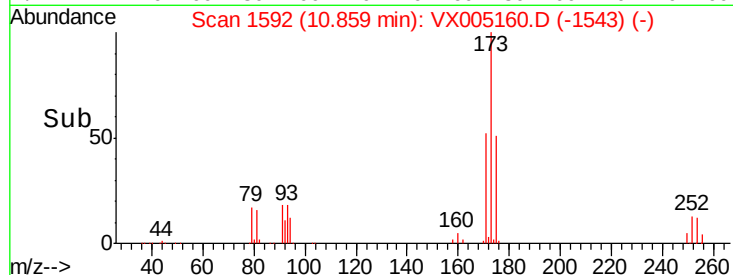
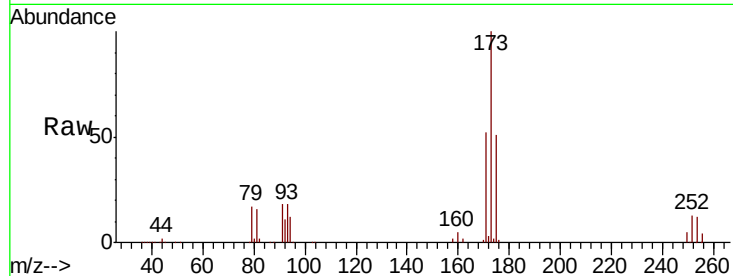
ClientSampleId :

VX1009WBS01

Tot Ion:	173	Resp:	46522
Ion Ratio	Lower	Upper	
173	100		
175	51.2	23.3	69.8
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

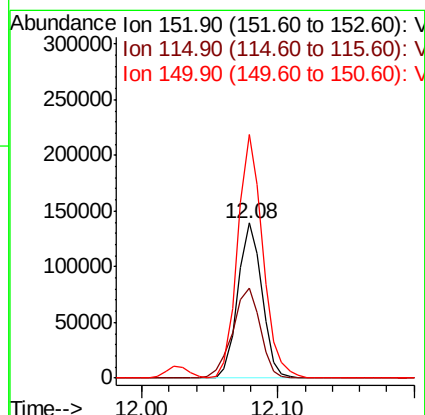
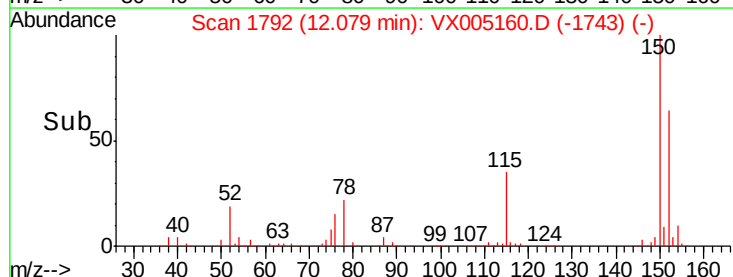
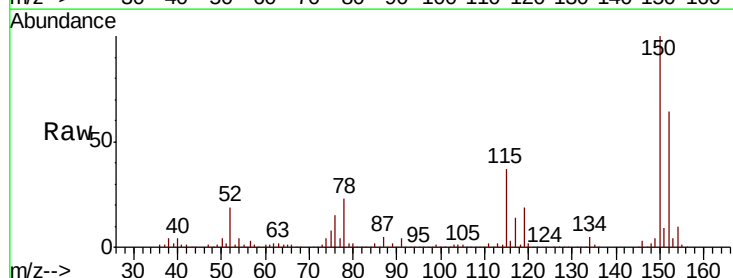
RT: 12.08 min Scan# 1792

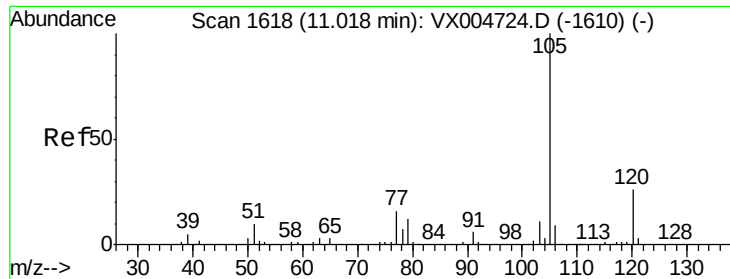
Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion:	152	Resp:	171050
Ion Ratio	Lower	Upper	
152	100		
115	66.9	40.2	120.6
150	164.6	0.0	351.0





#73

Isopropylbenzene

Concen: 24.928 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 105 Resp: 268759

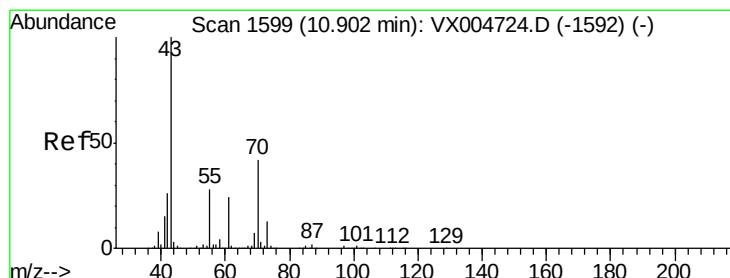
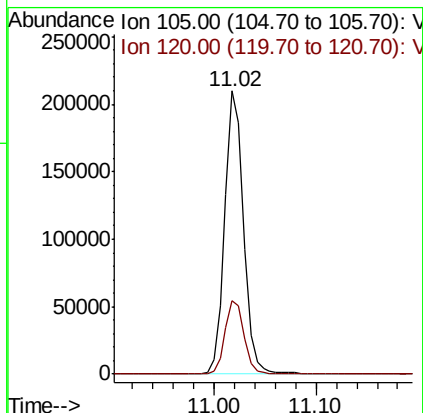
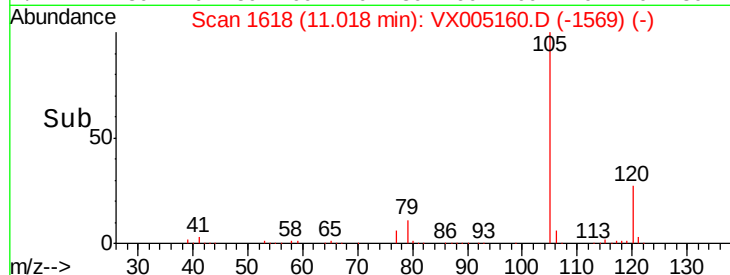
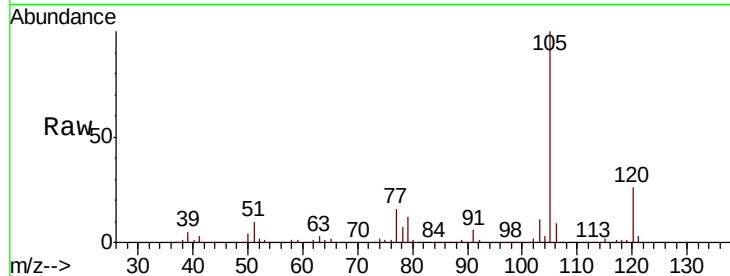
Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5

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#74

N-ethyl acetate

Concen: 21.925 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion: 43 Resp: 123903

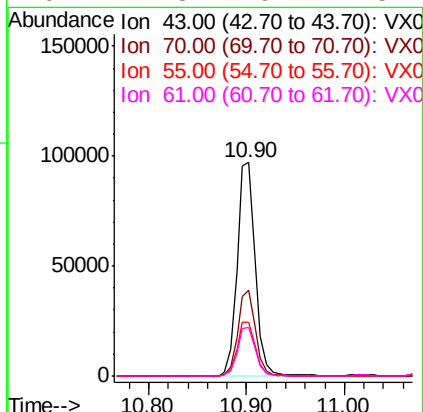
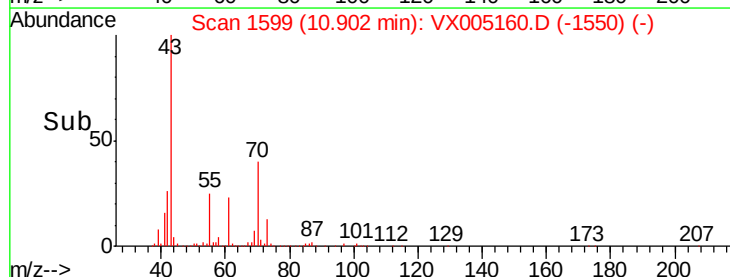
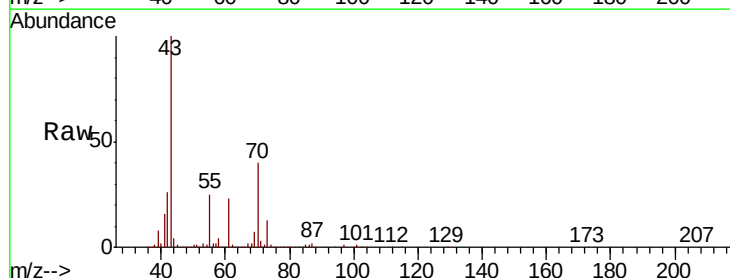
Ion Ratio Lower Upper

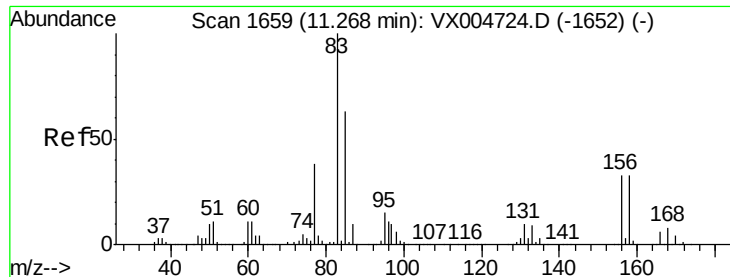
43 100

70 39.7 32.6 48.8

55 26.0 21.6 32.4

61 22.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.185 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

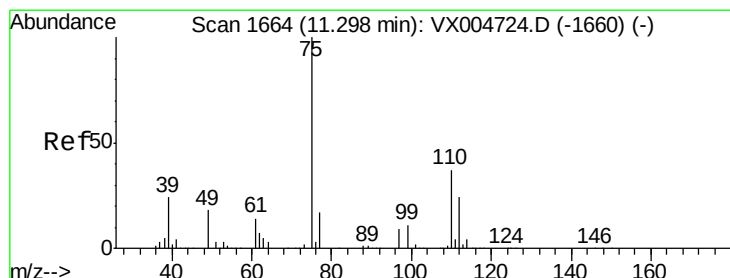
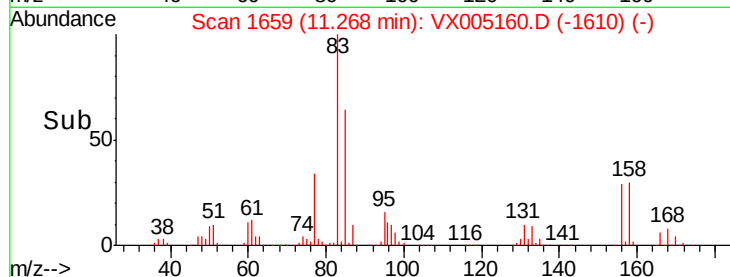
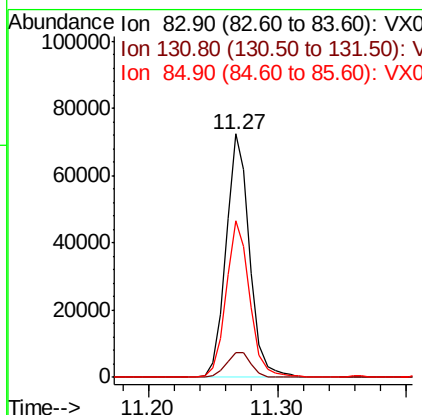
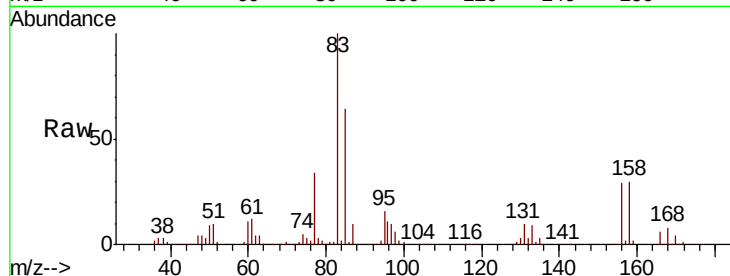
ClientSampleId :

VX1009WBS01

Tot Ion:	83	Resp:	92976
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.3
85	64.5	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 22.736 ug/l m

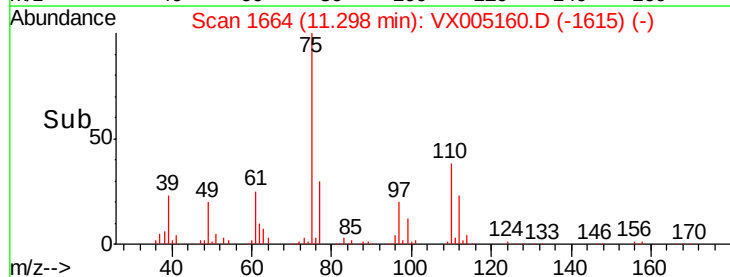
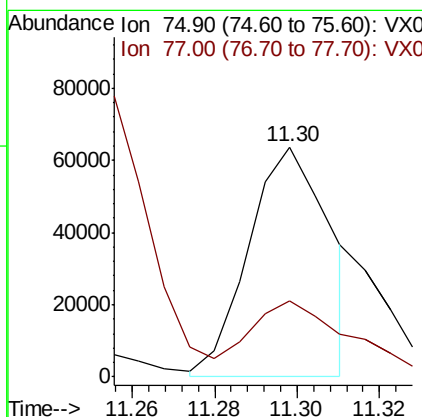
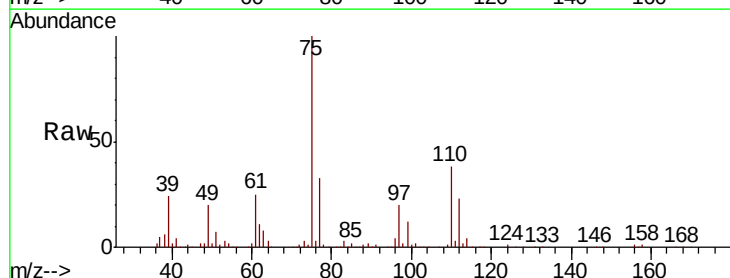
RT: 11.30 min Scan# 1664

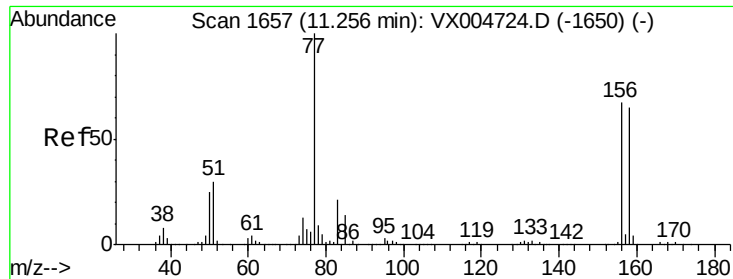
Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion:	75	Resp:	87165
Ion	Ratio	Lower	Upper
75	100		
77	40.9	21.4	64.3





#77

Bromobenzene

Concen: 22.965 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion:156 Resp: 71917

Ion Ratio Lower Upper

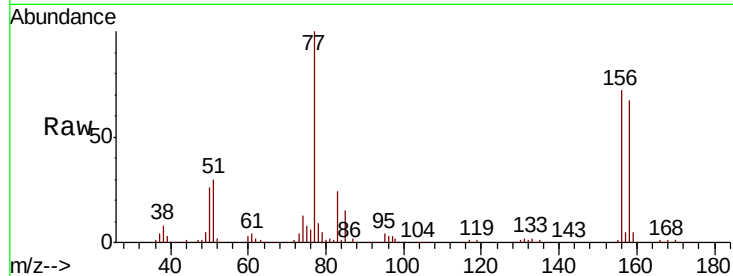
156 100

77 144.4 73.4 220.2

158 96.9 49.1 147.4

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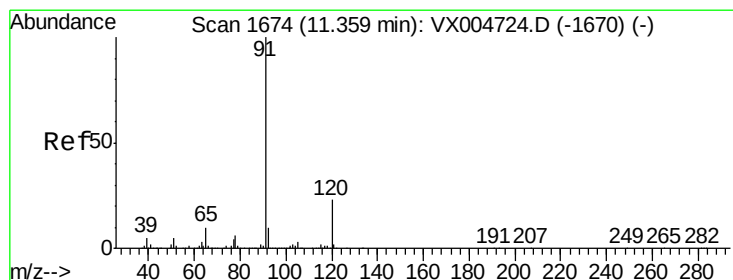
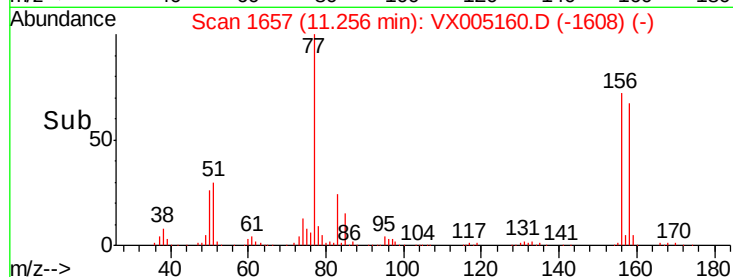
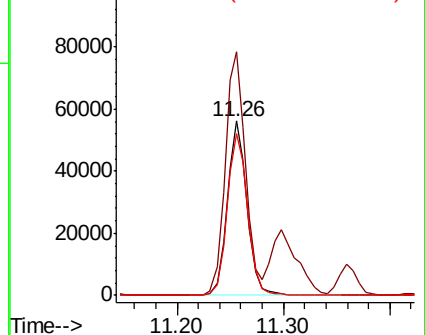
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 24.758 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005160.D

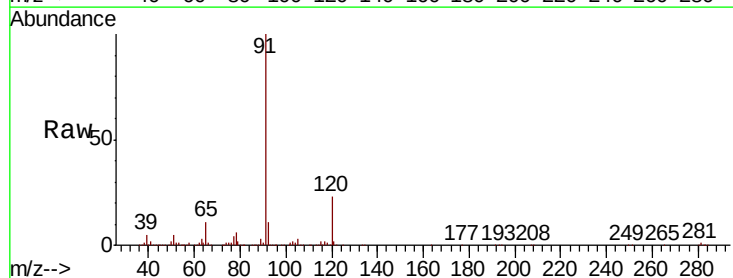
Acq: 09 Oct 2018 15:48

Tgt Ion: 91 Resp: 306269

Ion Ratio Lower Upper

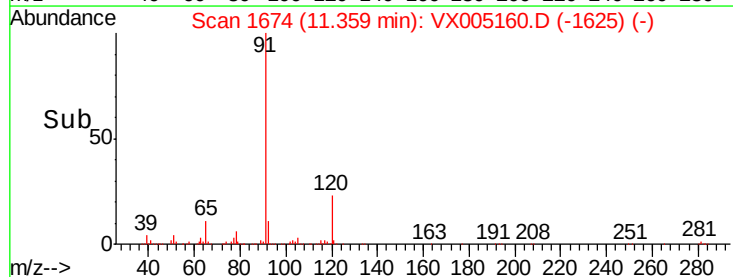
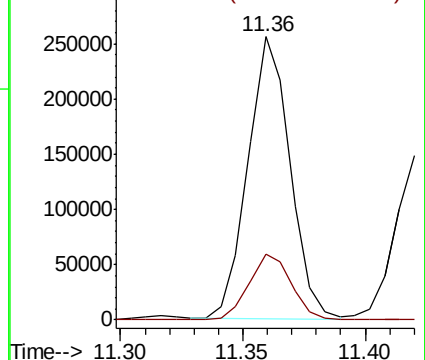
91 100

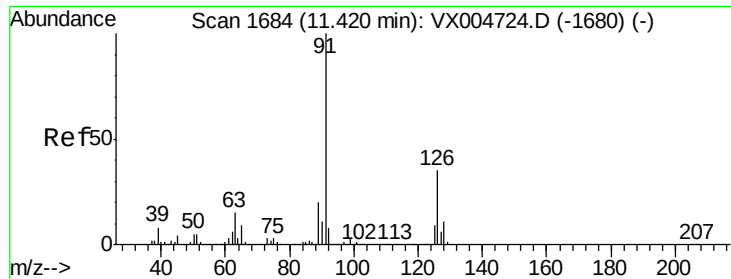
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





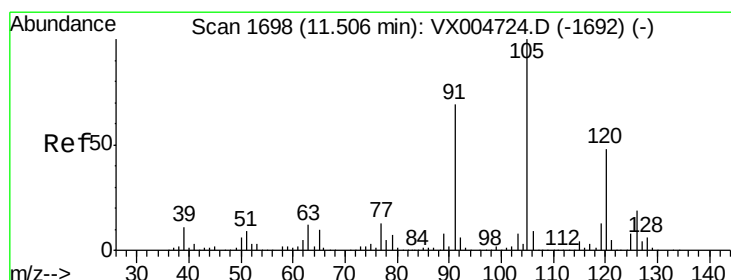
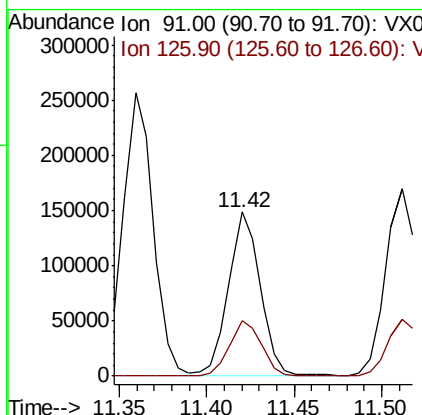
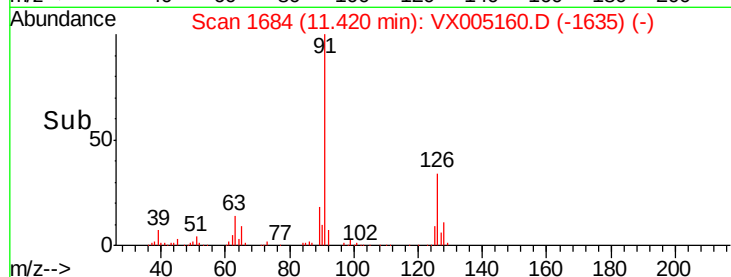
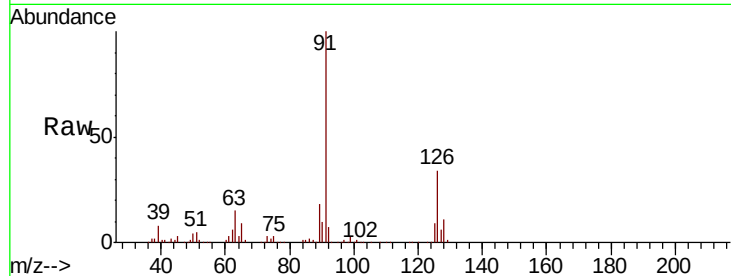
#79
 2-Chlorotoluene
 Concen: 24.152 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion: 91 Resp: 186232
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.6 52.9

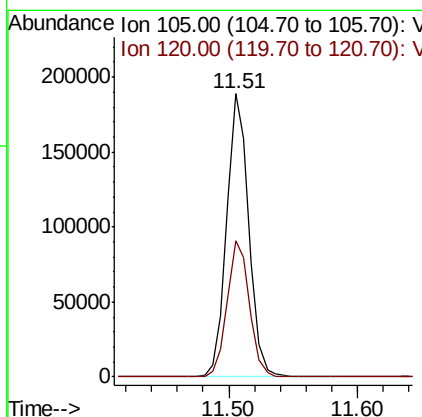
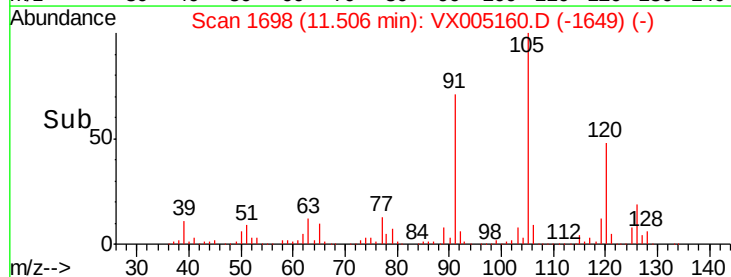
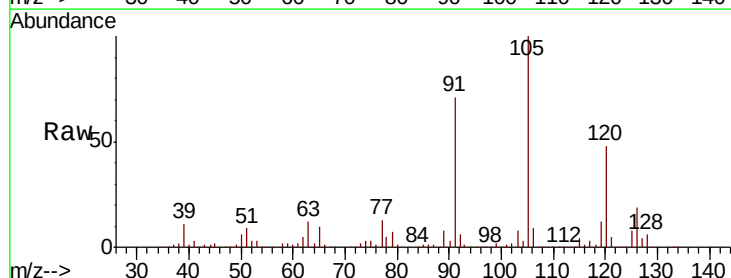
Manual Integrations
 APPROVED

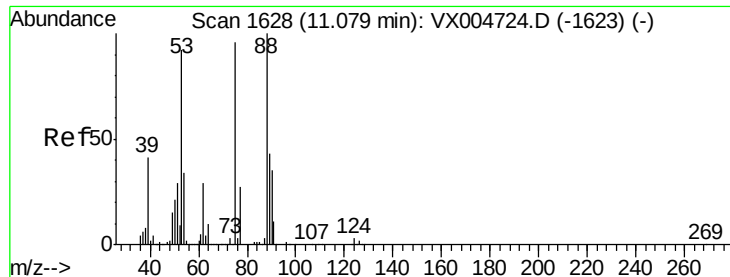
MMDadoda
 10/10/2018 2:07:59 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 23.008 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion: 105 Resp: 228416
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8





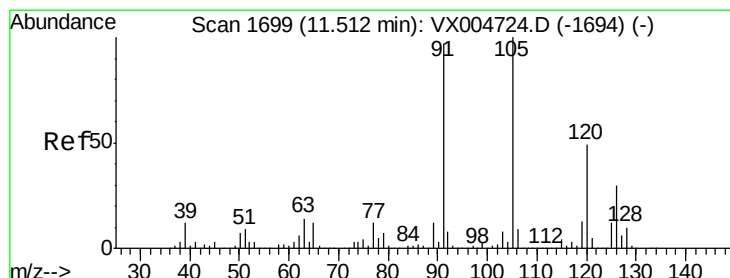
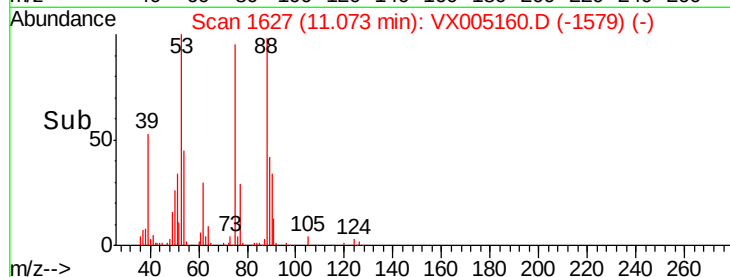
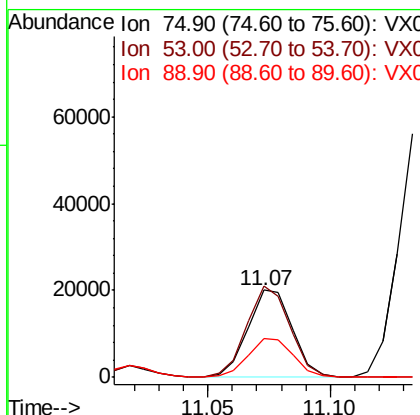
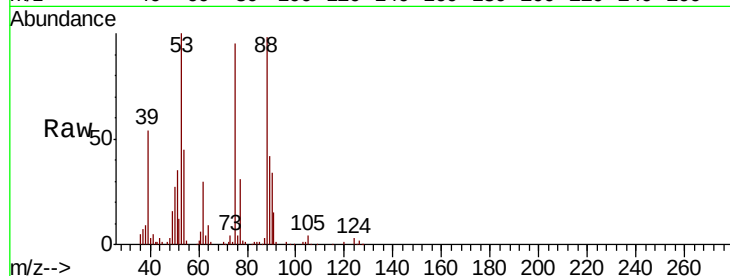
#81
trans-1,4-Dichloro-2-butene
Concen: 19.305 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.9	80.2	120.4
89	45.9	37.1	55.7

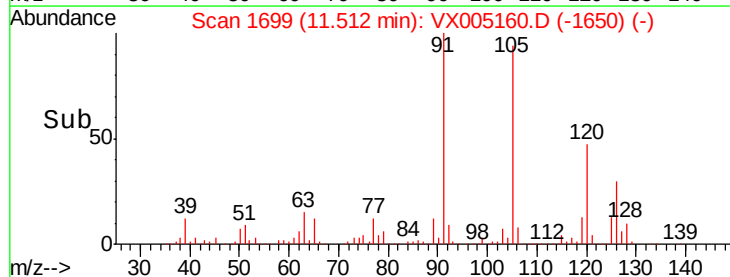
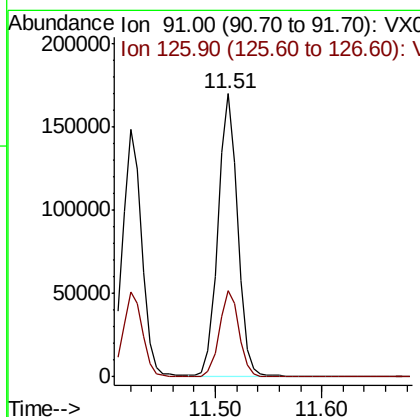
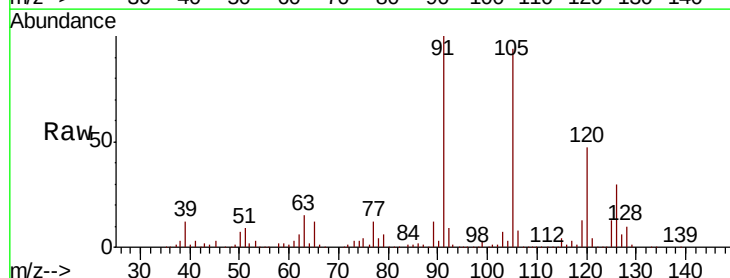
Manual Integrations
APPROVED

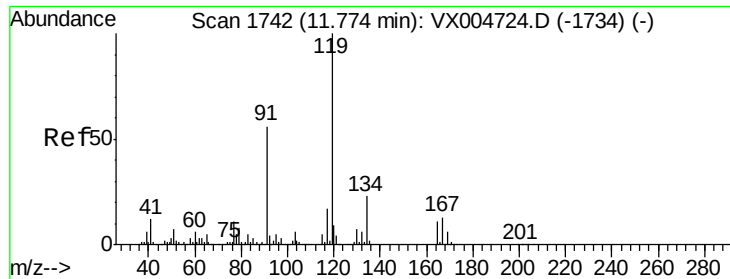
MMDadoda
10/10/2018 2:07:59 PM



#82
4-Chlorotoluene
Concen: 24.039 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.5	46.5





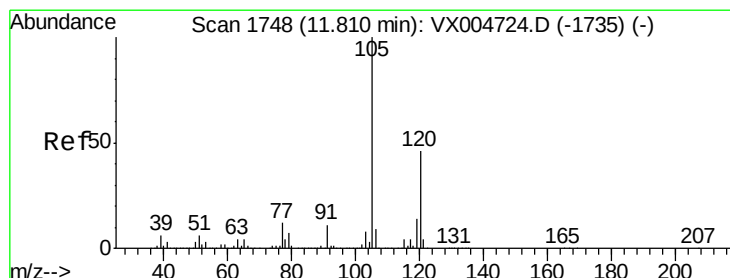
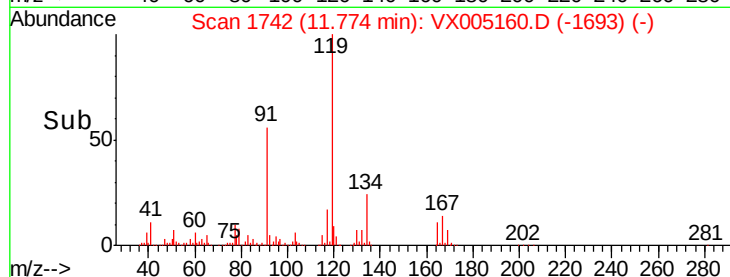
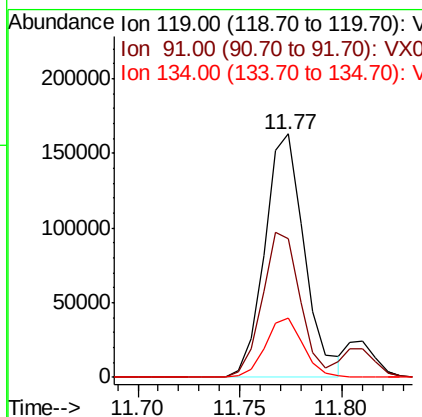
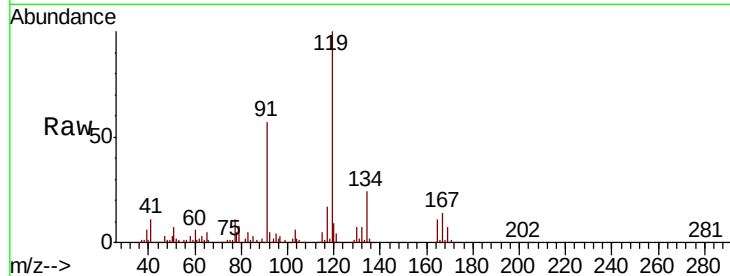
#83
tert-Butylbenzene
Concen: 24.902 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.8	27.5	82.5
134	23.0	11.5	34.4

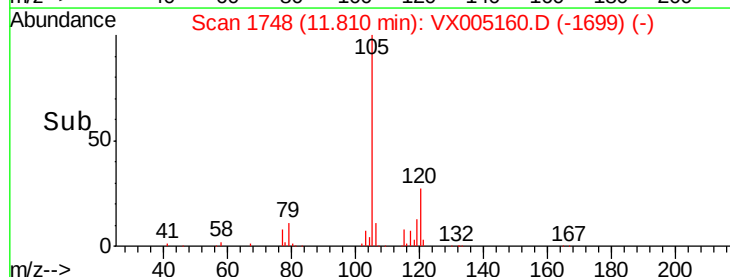
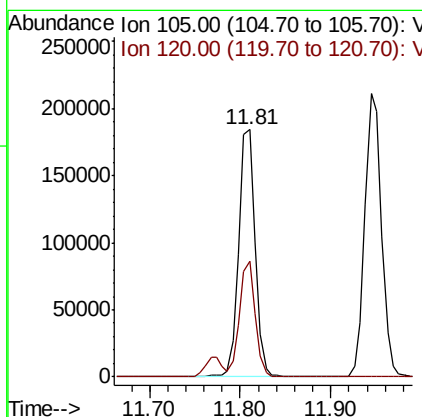
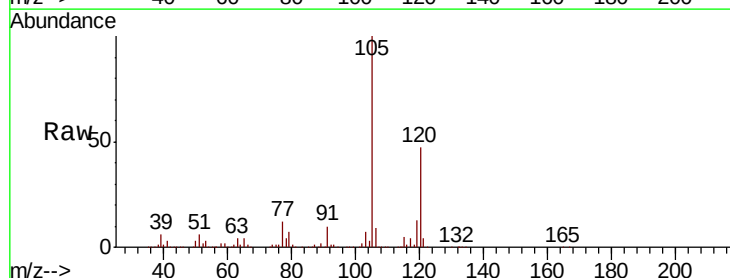
Manual Integrations
APPROVED

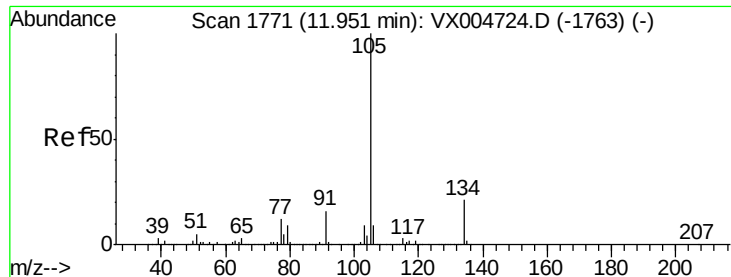
MMDadoda
10/10/2018 2:07:59 PM



#84
1,2,4-Trimethylbenzene
Concen: 22.700 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.8	68.3





#85

sec-Butylbenzene

Concen: 24.879 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion:105 Resp: 268996

Ion Ratio Lower Upper

105 100

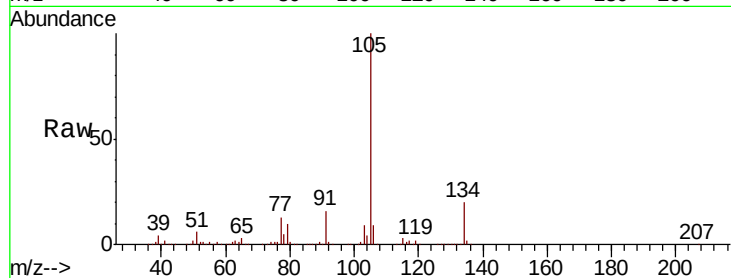
134 20.4 10.2 30.4

Manual Integrations

APPROVED

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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

200000

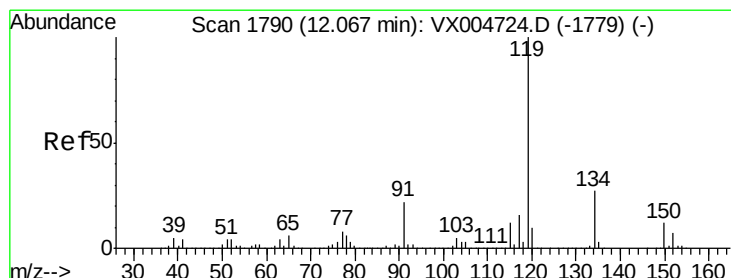
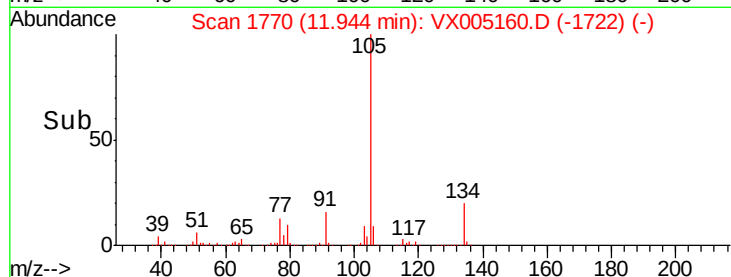
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 24.633 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

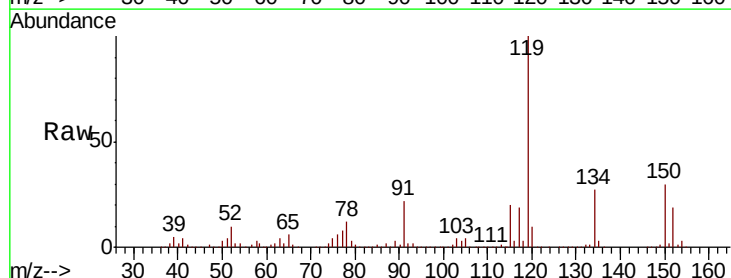
Tgt Ion:119 Resp: 241305

Ion Ratio Lower Upper

119 100

134 26.1 13.4 40.1

91 23.0 11.5 34.4



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

250000

200000

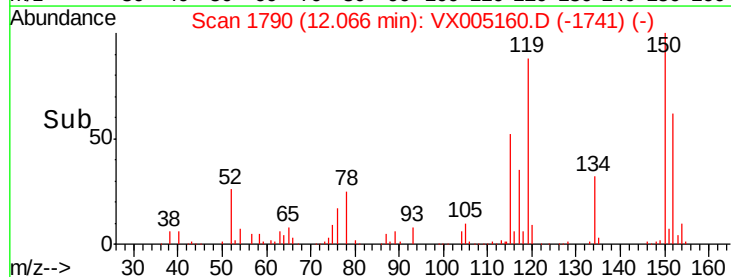
150000

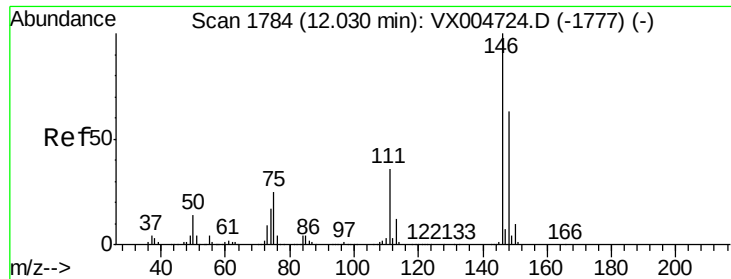
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50000

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Time-->





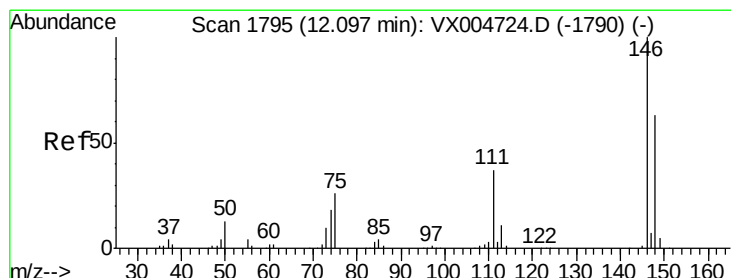
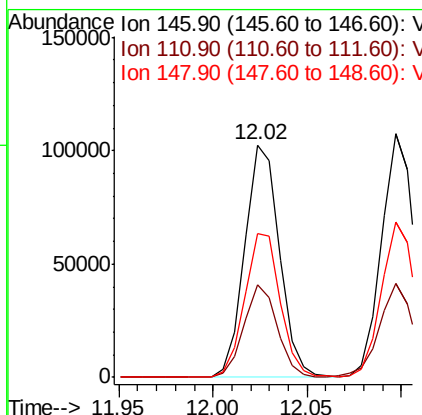
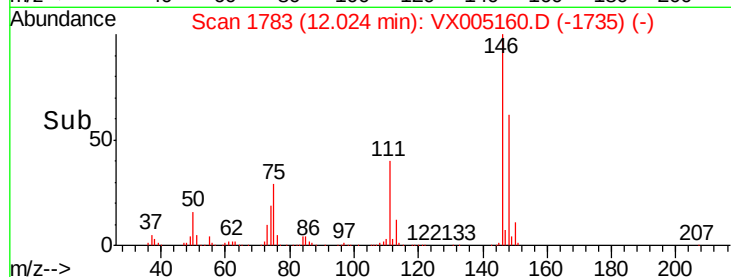
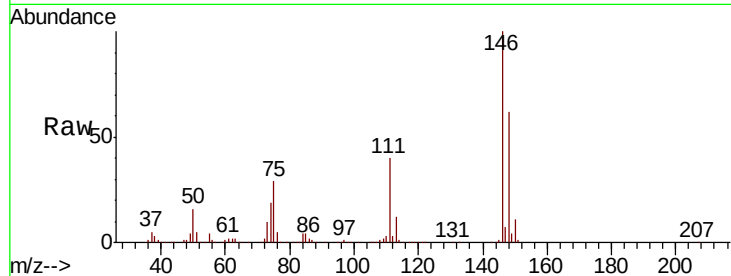
#87
 1,3-Dichlorobenzene
 Concen: 22.491 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	63.3	31.8	95.3

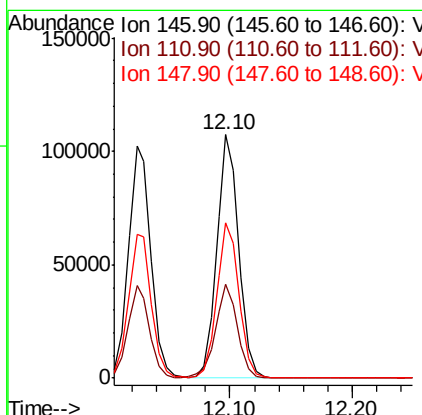
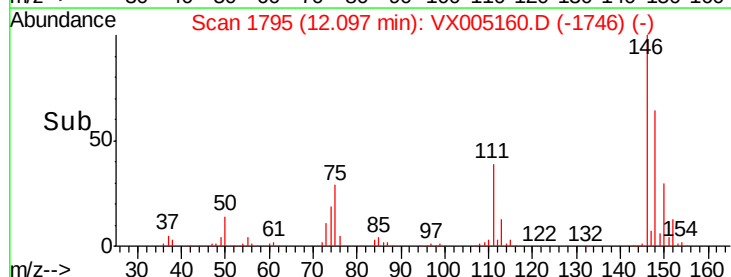
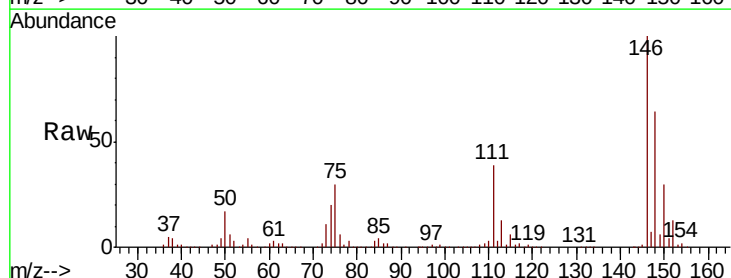
Manual Integrations
 APPROVED

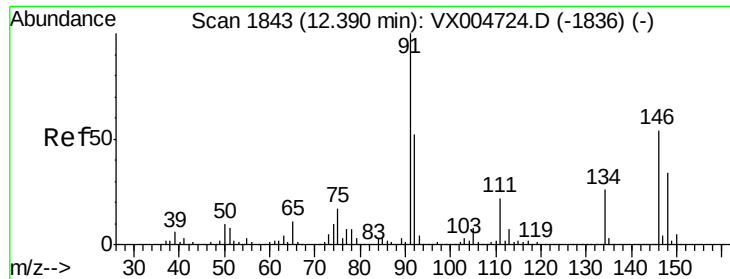
MMDadoda
 10/10/2018 2:07:59 PM



#88
 1,4-Dichlorobenzene
 Concen: 22.218 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.2
148	64.5	32.0	96.0





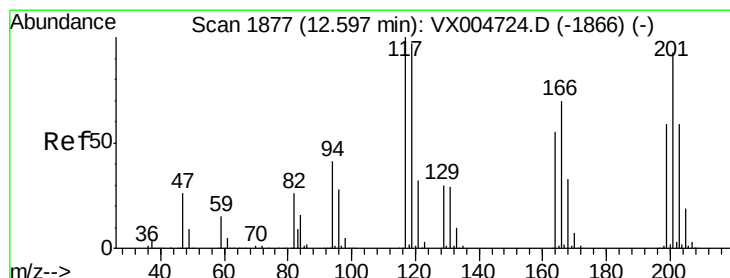
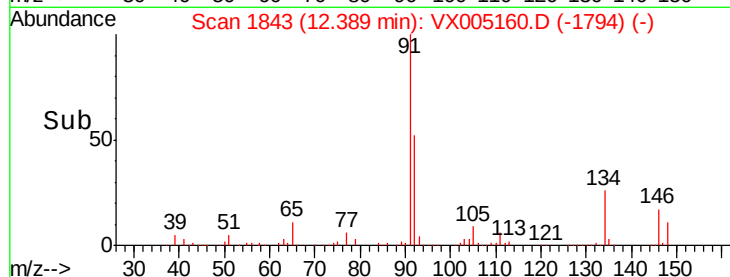
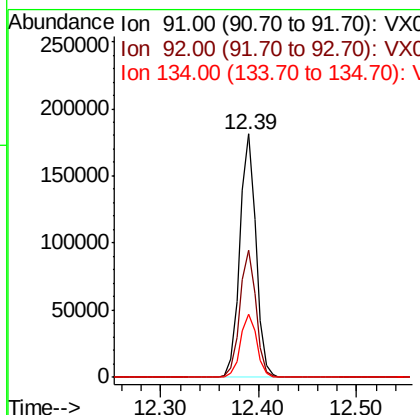
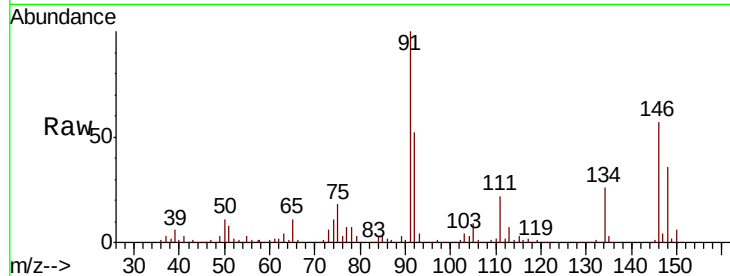
#89
n-Butylbenzene
Concen: 23.269 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	26.2	13.2	39.6

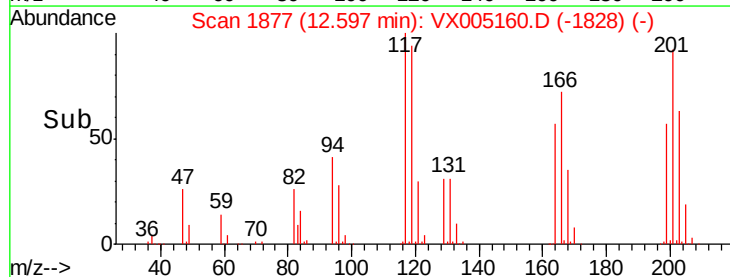
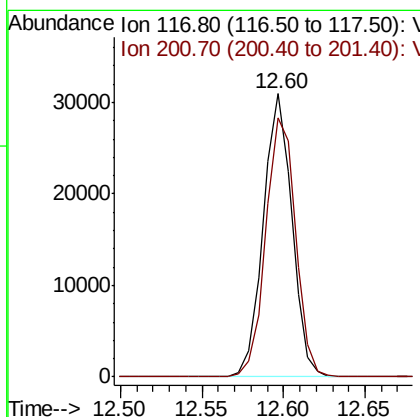
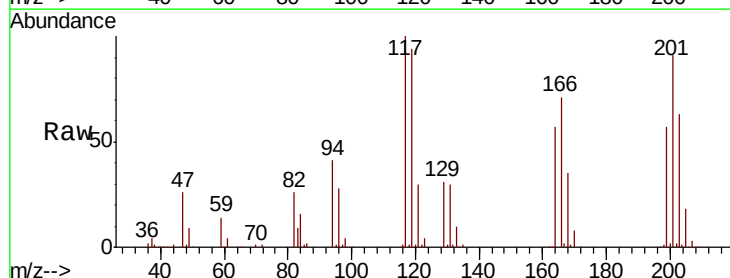
Manual Integrations
APPROVED

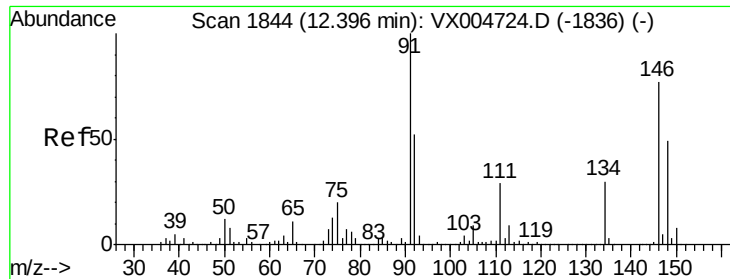
MMDadoda
10/10/2018 2:07:59 PM



#90
Hexachloroethane
Concen: 23.153 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.9	48.4	145.0





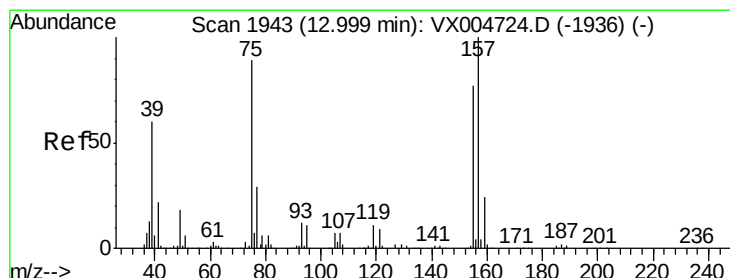
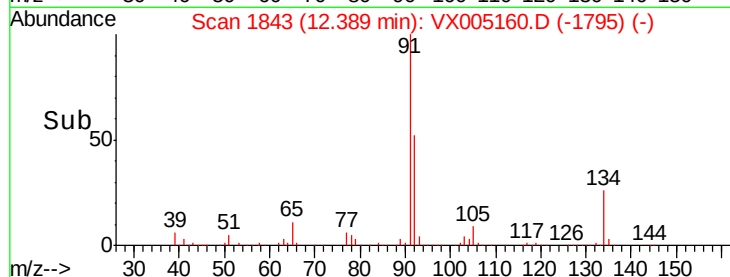
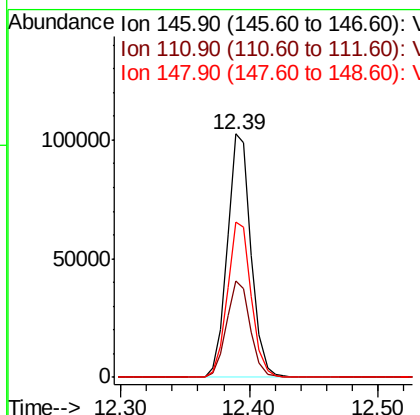
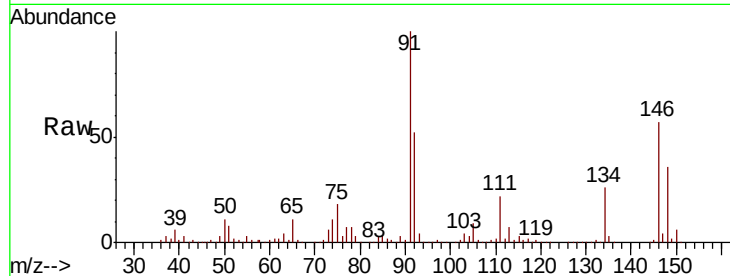
#91
 1,2-Dichlorobenzene
 Concen: 21.689 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX1009WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.2	31.8	95.4

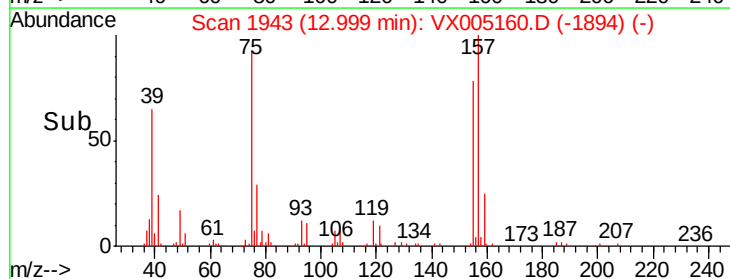
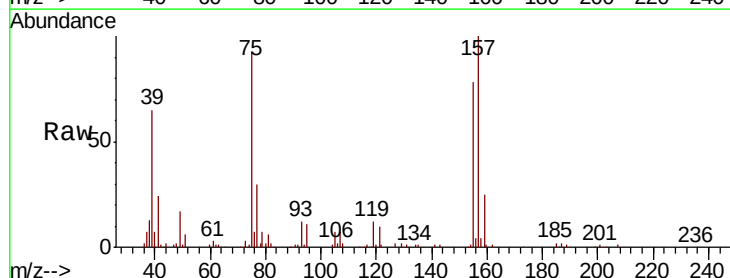
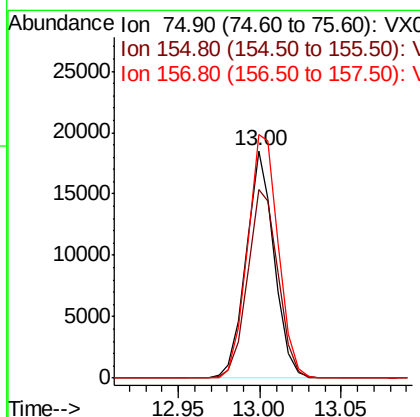
Manual Integrations
 APPROVED

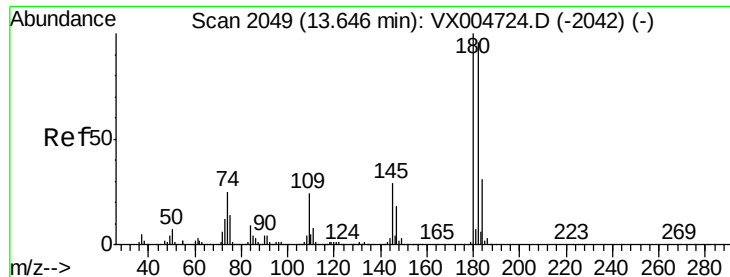
MMDadoda
 10/10/2018 2:07:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.977 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	46.1	138.3
157	117.3	60.2	180.6





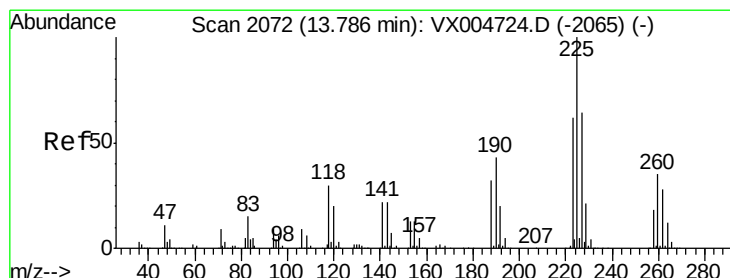
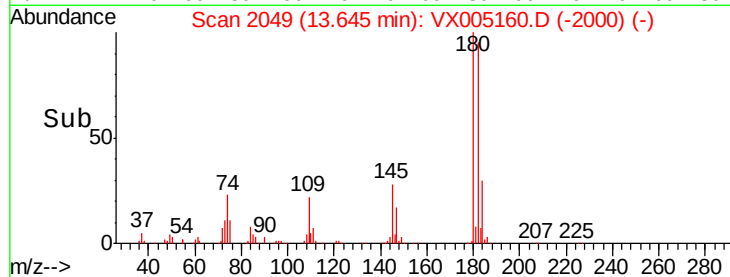
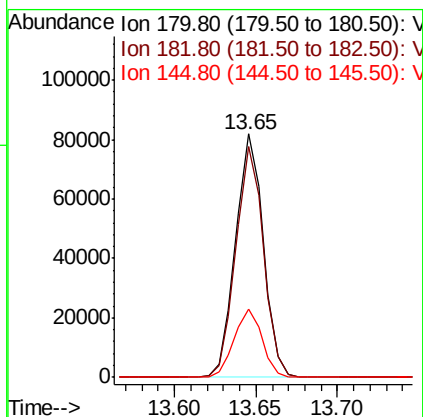
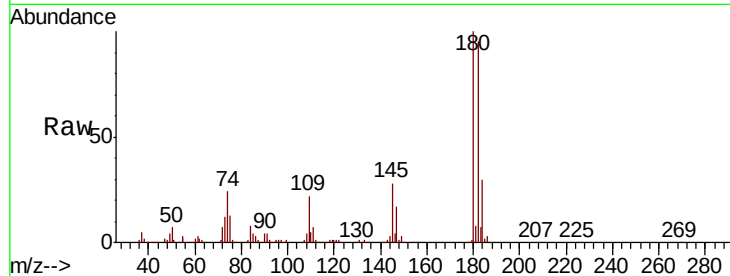
#93
 1,2,4-Trichlorobenzene
 Concen: 22.640 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.4
145	28.1	14.1	42.4

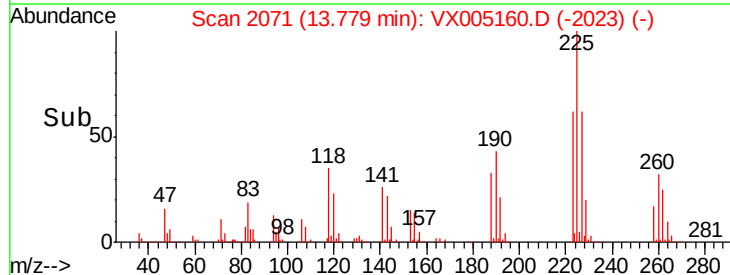
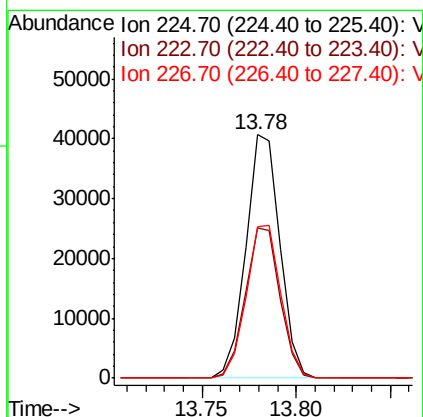
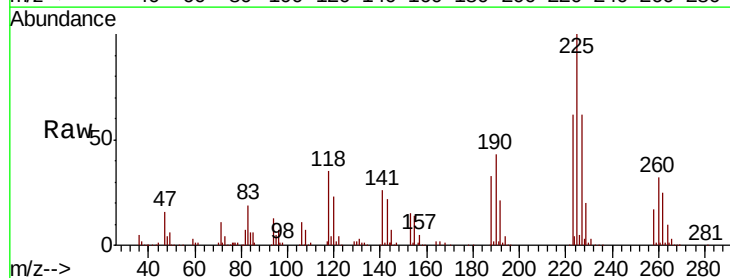
Manual Integrations
 APPROVED

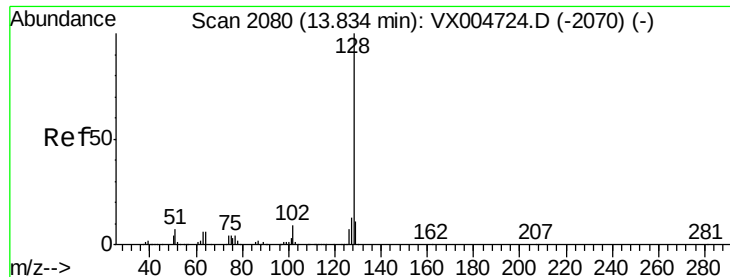
MMDadoda
 10/10/2018 2:07:59 PM



#94
 Hexachlorobutadiene
 Concen: 22.884 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.8
227	64.0	31.9	95.5





#95

Naphthalene

Concen: 21.327 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

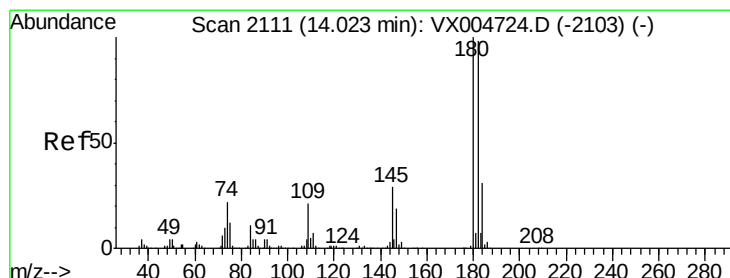
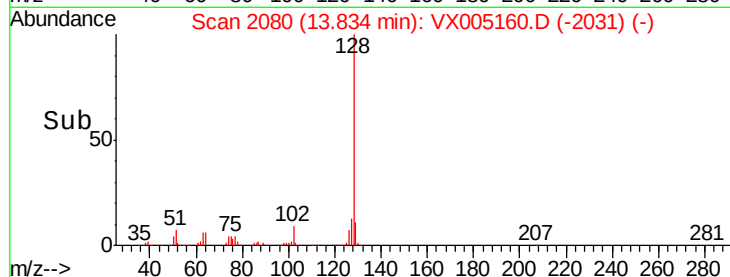
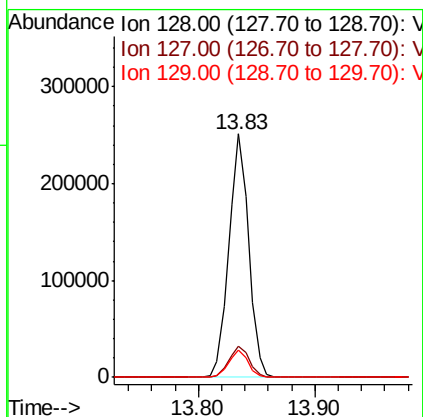
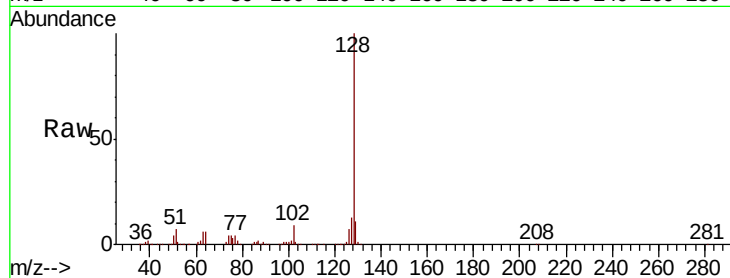
ClientSampleId :

VX1009WBS01

Tot Ion:	128	Resp:	297484
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/10/2018 2:07:59 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.821 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion:	180	Resp:	101055
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.9	143.8
145	29.6	15.0	45.0

