

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020212.D
 Acq On : 20 Dec 2020 07:53
 Operator : JC/MD
 Sample : L5094-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5973(D)-R-121320

Quant Time: Dec 21 02:46:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

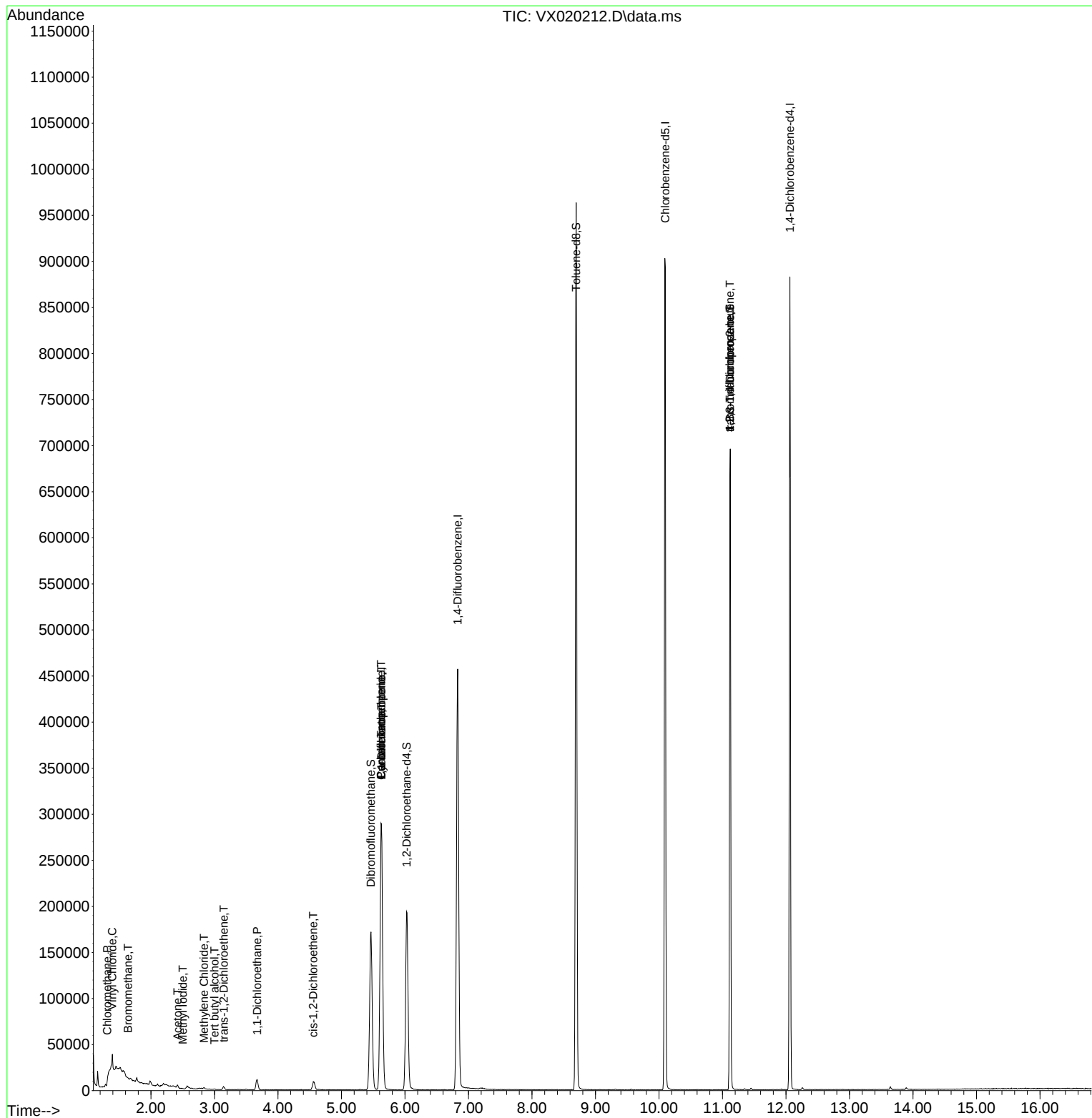
Internal Standards						
1) Pentafluorobenzene	5.623	168	282392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	469437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	434279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	178628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	186655	49.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.62%		
35) Dibromofluoromethane	5.465	113	151149	50.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.66%		
50) Toluene-d8	8.696	98	567957	49.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.26%		
62) 4-Bromofluorobenzene	11.116	95	194147	43.88	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.76%		
Target Compounds					Qvalue	
3) Chloromethane	1.313	50	939	0.26	ug/l	96
4) Vinyl Chloride	1.392	62	2636	0.68	ug/l	90
5) Bromomethane	1.636	94	359	0.29	ug/l	96
10) Methyl Iodide	2.502	142	77	3.30	ug/l #	42
11) Tert butyl alcohol	3.002	59	546	0.64	ug/l #	73
16) Acetone	2.416	43	3556	2.06	ug/l	97
20) Methylene Chloride	2.837	84	806	0.21	ug/l #	91
21) trans-1,2-Dichloroethene	3.148	96	1236	0.35	ug/l	87
24) 1,1-Dichloroethane	3.672	63	12996	2.11	ug/l	98
27) cis-1,2-Dichloroethene	4.556	96	5929	1.50	ug/l	90
31) Cyclohexane	5.629	56	5470	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21853	4.71	ug/l #	48
38) Carbon Tetrachloride	5.623	117	27262	6.18	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	95828	21.78	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	95828	64.61	ug/l #	12

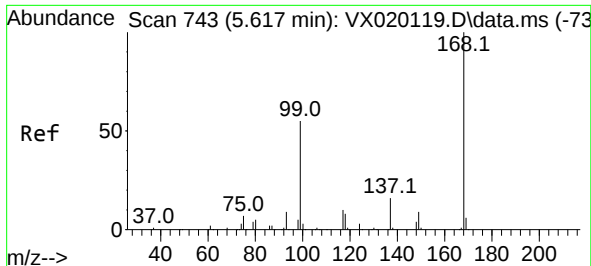
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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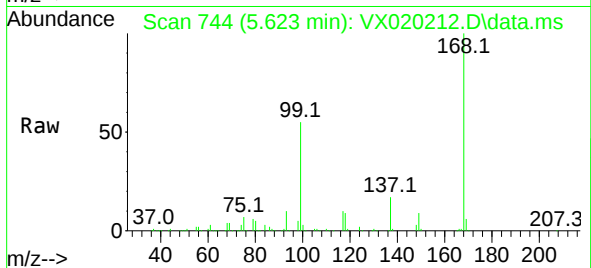
Quant Time: Dec 21 02:46:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



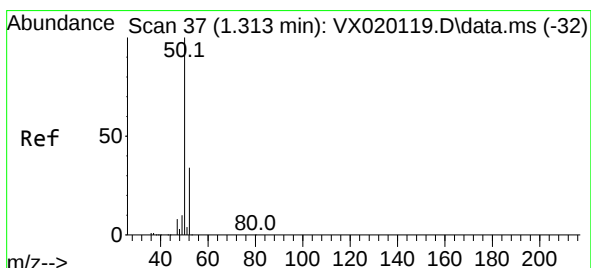
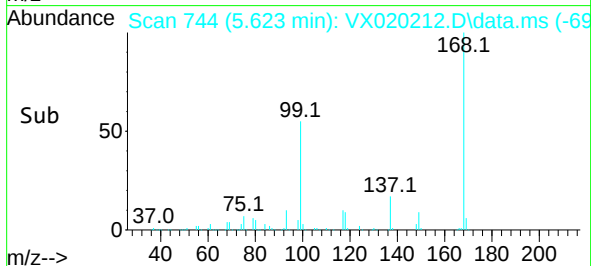
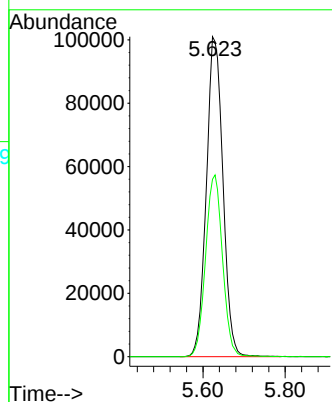


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

Instrument :
MSVOA_X
ClientSampleId :
49-5973(D)-R-121320

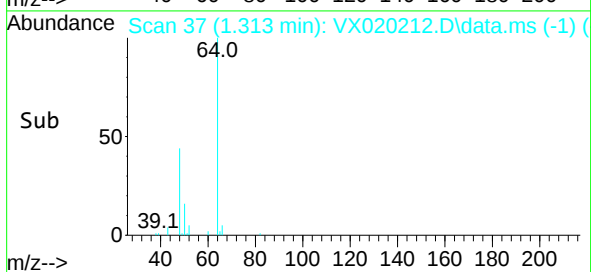
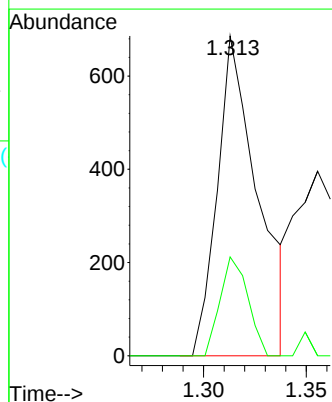
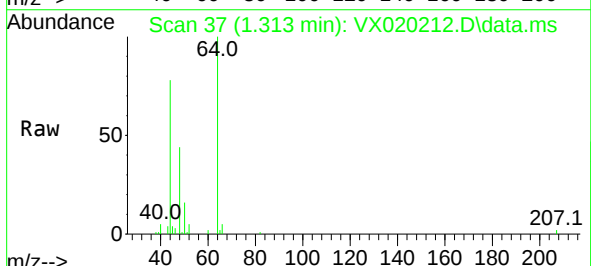


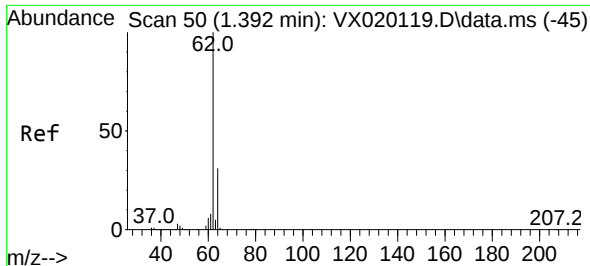
Tgt Ion:168 Resp: 282392
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

Tgt Ion: 50 Resp: 939
Ion Ratio Lower Upper
50 100
52 30.9 26.4 39.6

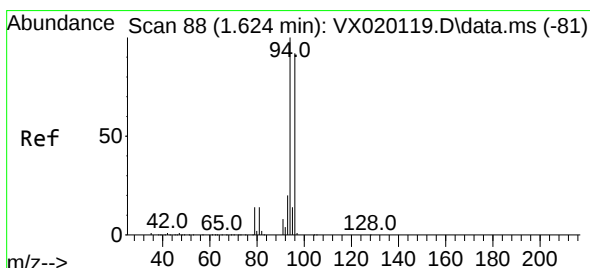
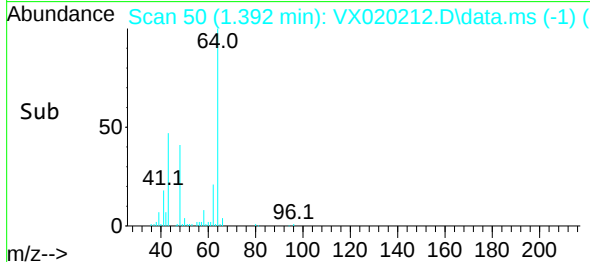
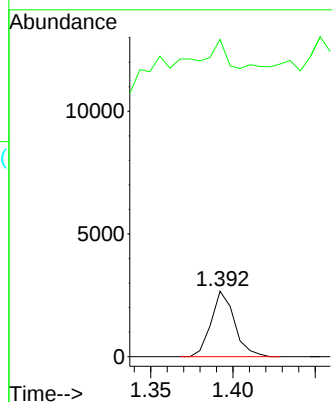
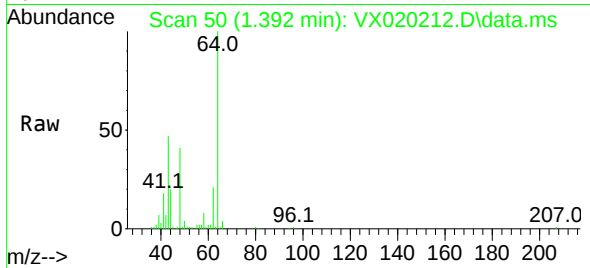




#4
 Vinyl Chloride
 Concen: 0.68 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

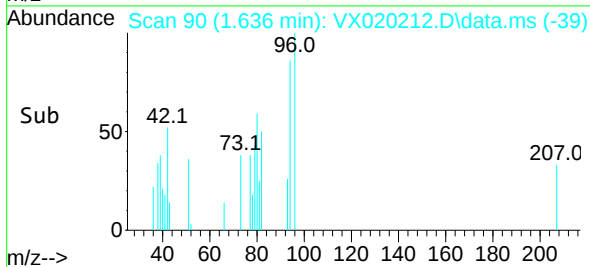
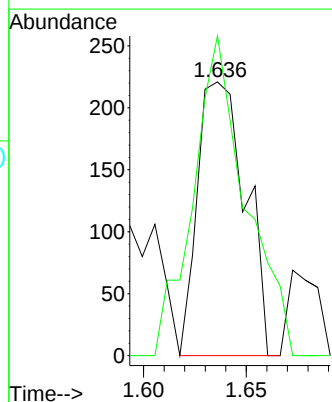
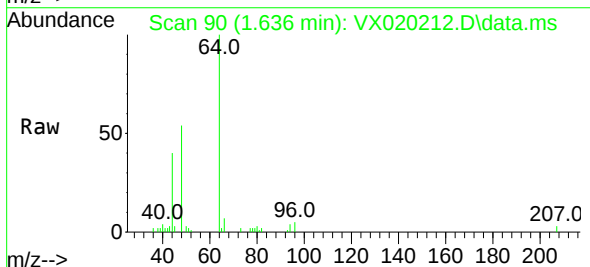
Instrument :
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 ClientSampleId :
 49-5973(D)-R-121320

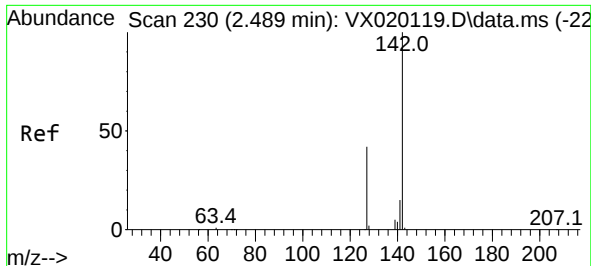
Tgt Ion: 62 Resp: 2636
 Ion Ratio Lower Upper
 62 100
 64 37.5 25.7 38.5



#5
 Bromomethane
 Concen: 0.29 ug/l
 RT: 1.636 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

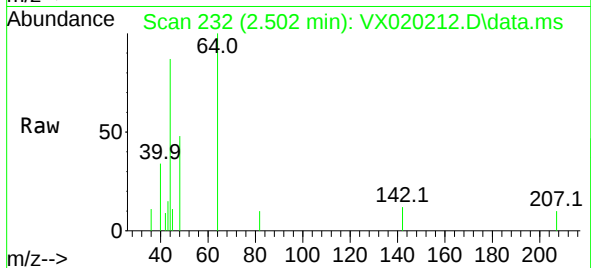
Tgt Ion: 94 Resp: 359
 Ion Ratio Lower Upper
 94 100
 96 91.4 76.4 114.6



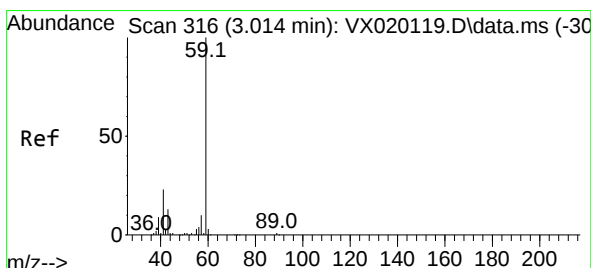
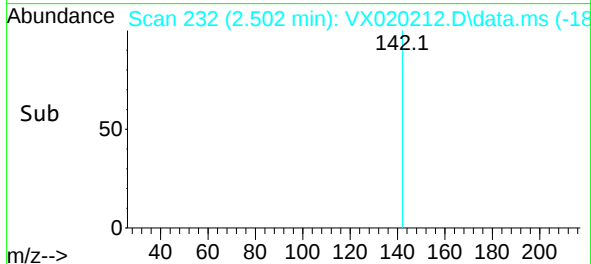
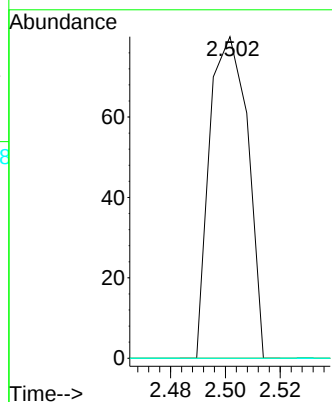


#10
Methyl Iodide
Concen: 3.30 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

Instrument :
MSVOA_X
ClientSampleId :
49-5973(D)-R-121320

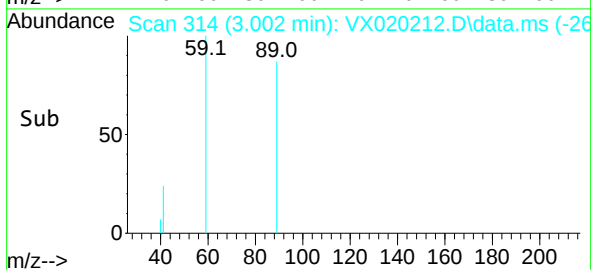
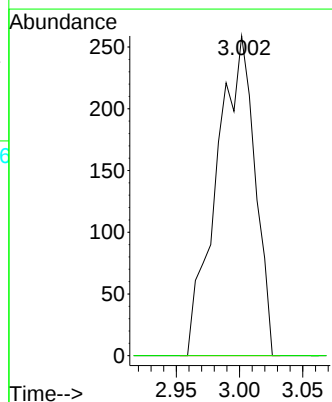
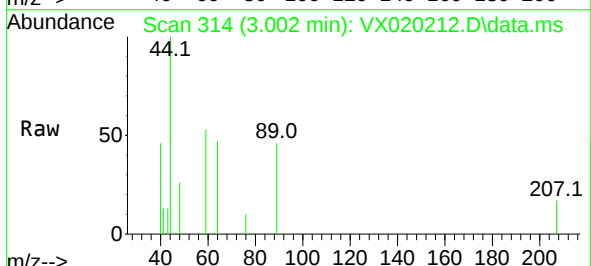


Tgt Ion:142 Resp: 77
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.64 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

Tgt Ion: 59 Resp: 546
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

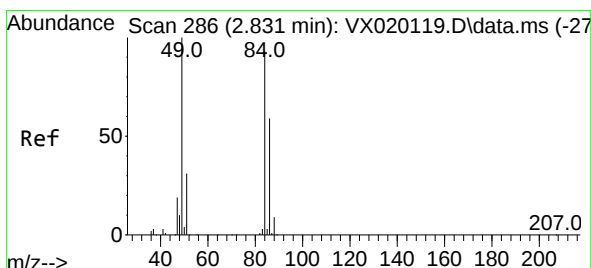
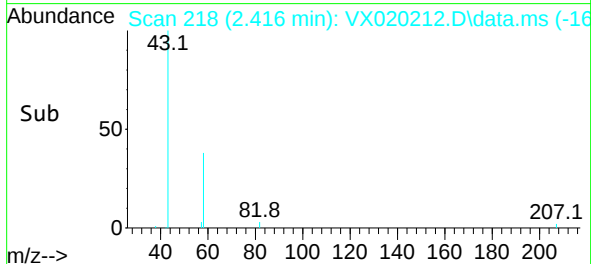
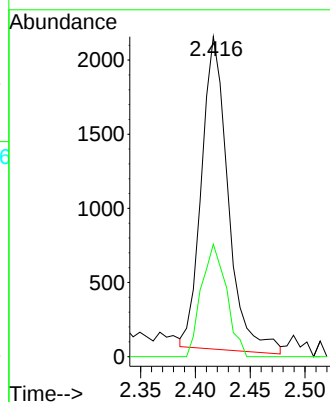
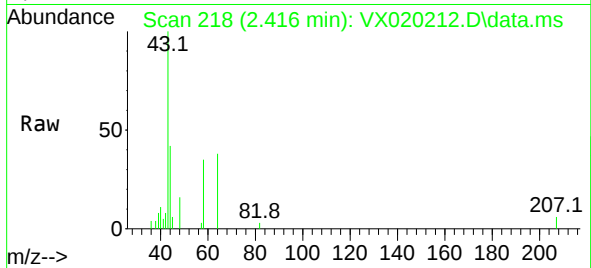




#16
Acetone
Concen: 2.06 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

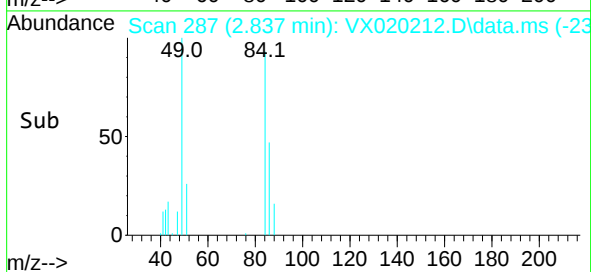
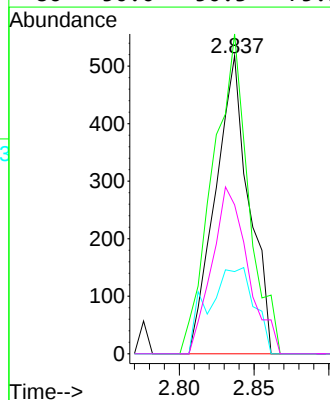
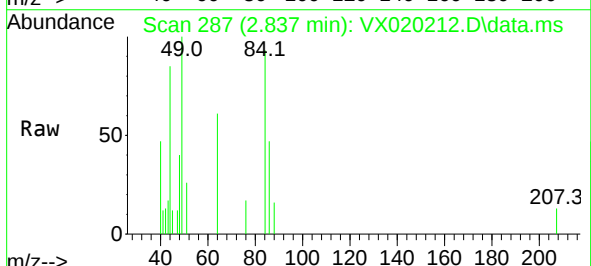
Instrument :
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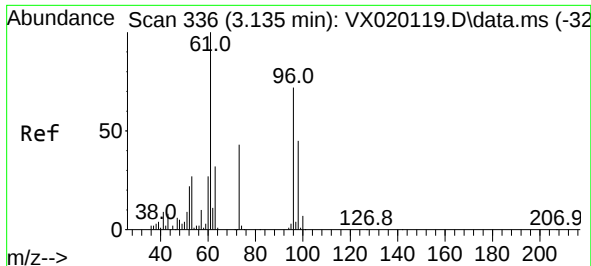
Tgt Ion: 43 Resp: 3556
Ion Ratio Lower Upper
43 100
58 36.3 27.8 41.8



#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

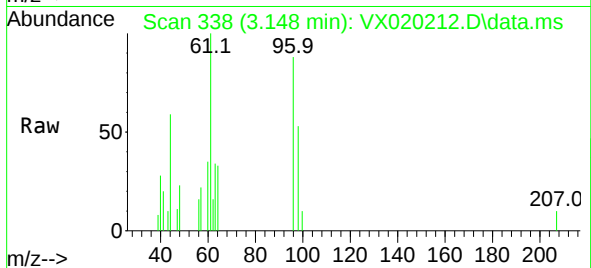
Tgt Ion: 84 Resp: 806
Ion Ratio Lower Upper
84 100
49 107.3 88.6 132.8
51 27.6 27.0 40.6
86 50.0 50.3 75.5#



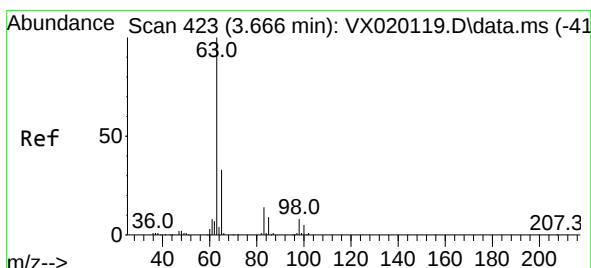
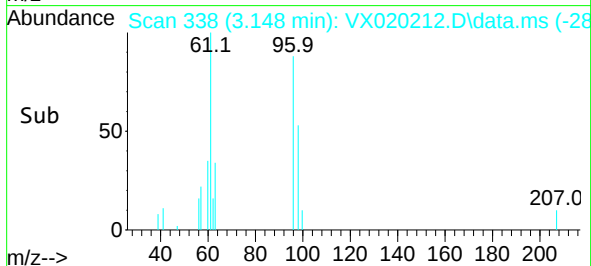
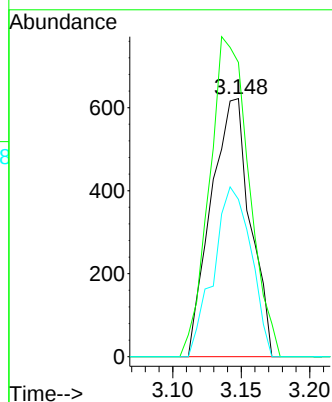


#21
trans-1,2-Dichloroethene
Concen: 0.35 ug/l
RT: 3.148 min Scan# 338
Delta R.T. 0.013 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

Instrument :
MSVOA_X
ClientSampleId :
49-5973(D)-R-121320

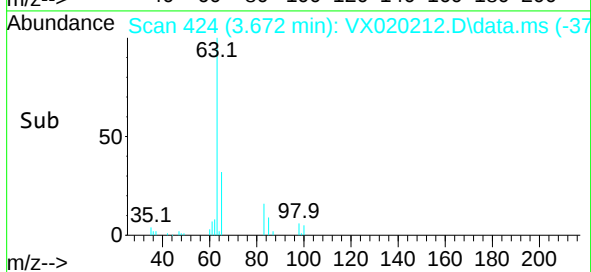
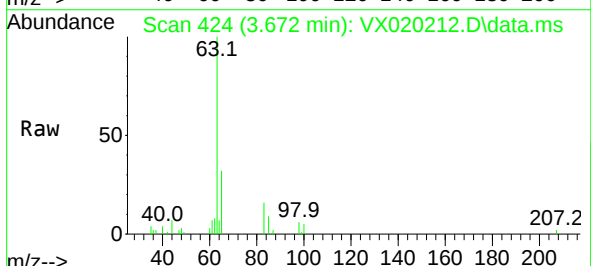
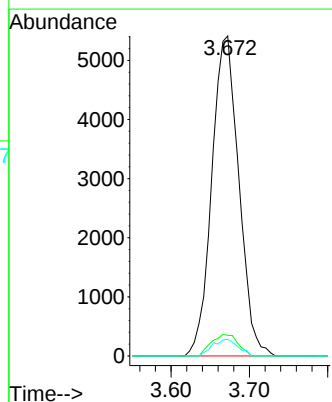


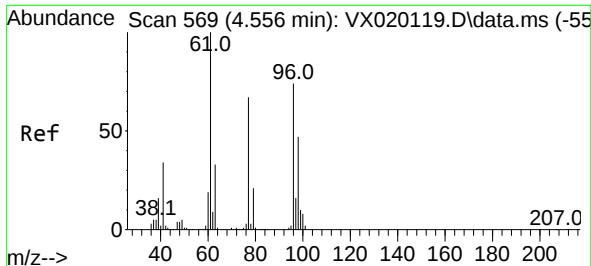
Tgt Ion: 96 Resp: 1236
Ion Ratio Lower Upper
96 100
61 114.0 107.7 161.5
98 60.9 50.4 75.6



#24
1,1-Dichloroethane
Concen: 2.11 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

Tgt Ion: 63 Resp: 12996
Ion Ratio Lower Upper
63 100
98 6.4 3.8 11.2
100 5.2 2.5 7.5

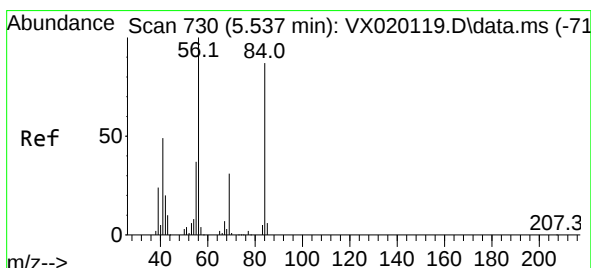
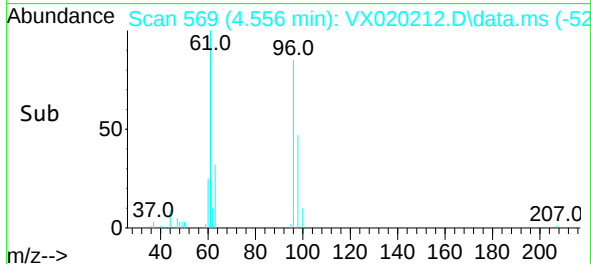
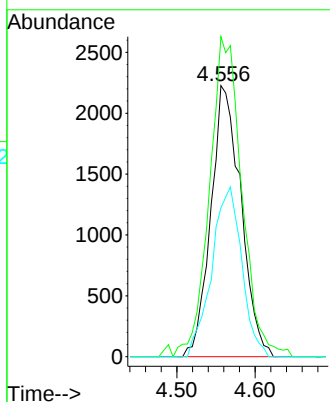
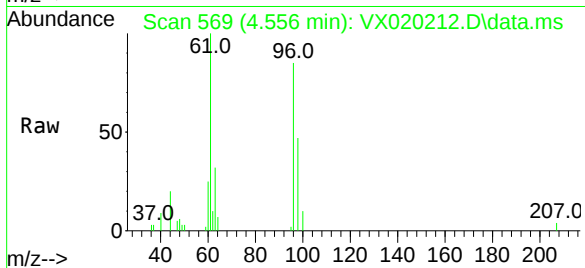




#27
 cis-1,2-Dichloroethene
 Concen: 1.50 ug/l
 RT: 4.556 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

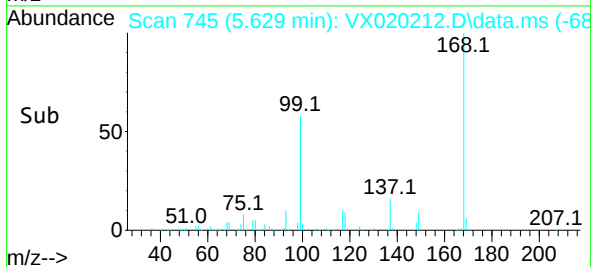
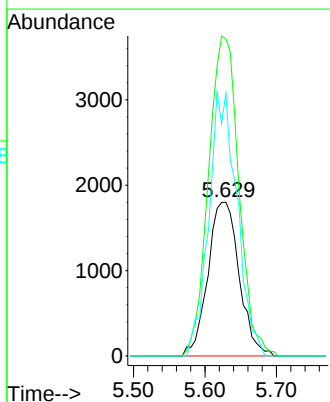
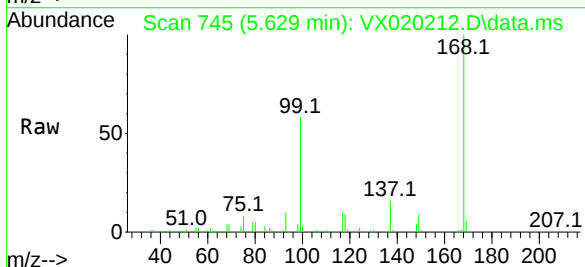
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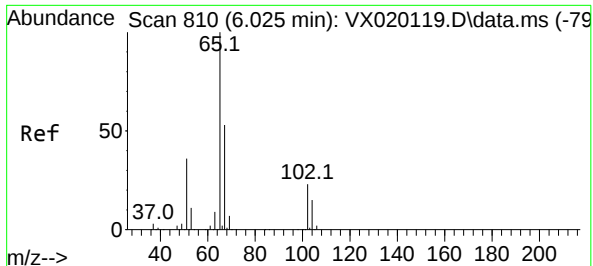
Tgt Ion:	96	Resp:	5929
Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	285.6
98	62.5	0.0	129.6



#31
 Cyclohexane
 Concen: 1.05 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.092 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

Tgt Ion:	56	Resp:	5470
Ion	Ratio	Lower	Upper
56	100		
69	206.2	25.3	37.9#
84	170.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.31 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020212.D

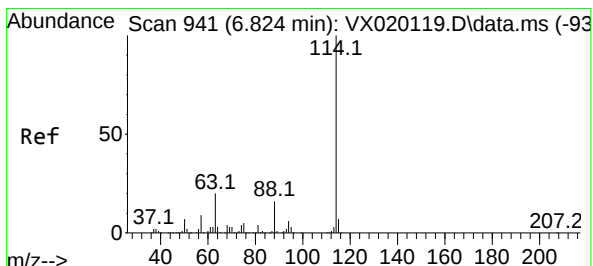
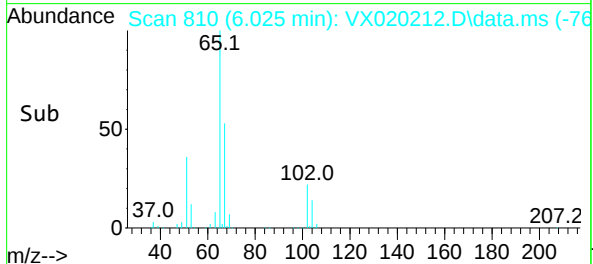
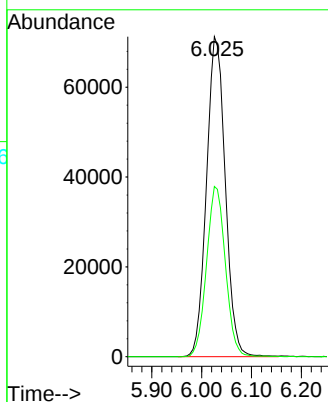
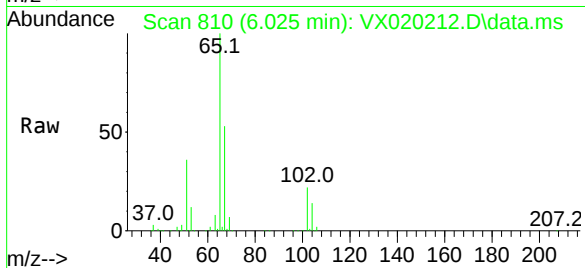
Acq: 20 Dec 2020 07:53

Tgt Ion: 65 Resp: 186655

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020212.D

Acq: 20 Dec 2020 07:53

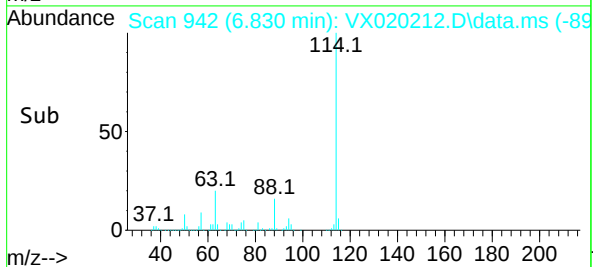
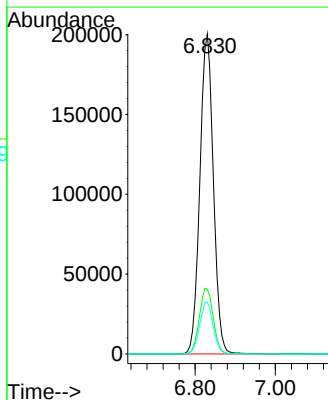
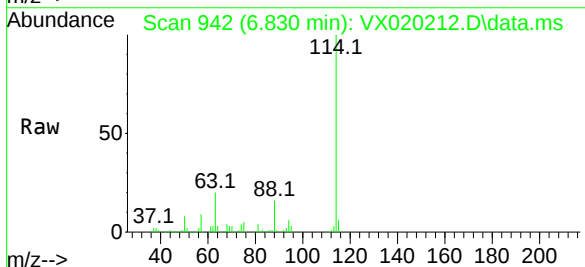
Tgt Ion: 114 Resp: 469437

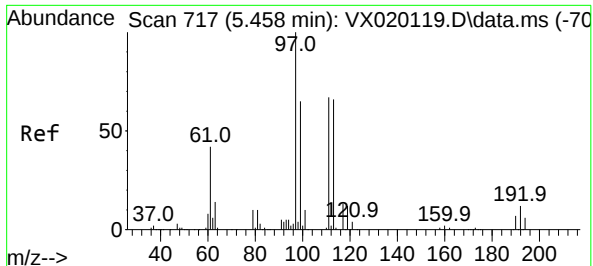
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

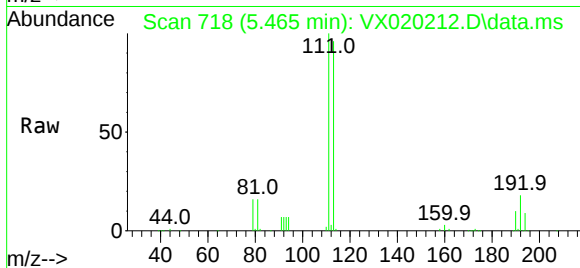
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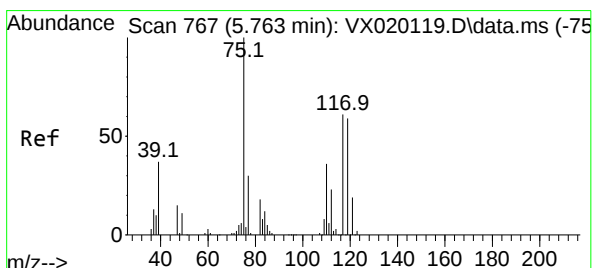
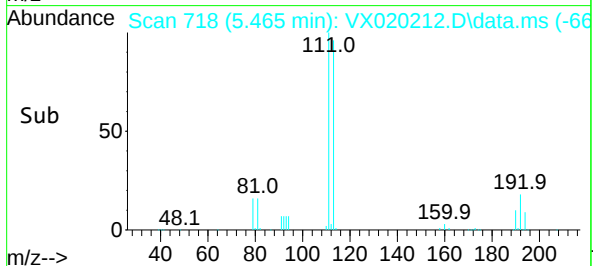
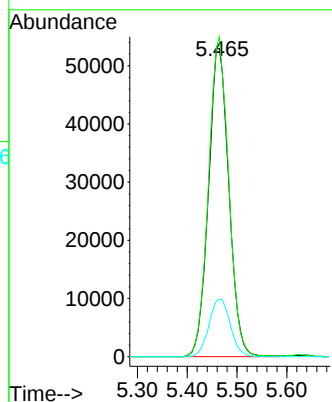


#35
Dibromofluoromethane
Concen: 50.33 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

Instrument :
MSVOA_X
ClientSampleId :
49-5973(D)-R-121320

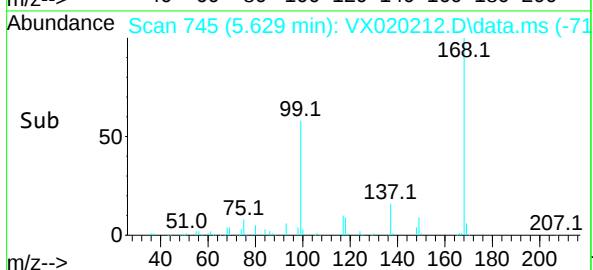
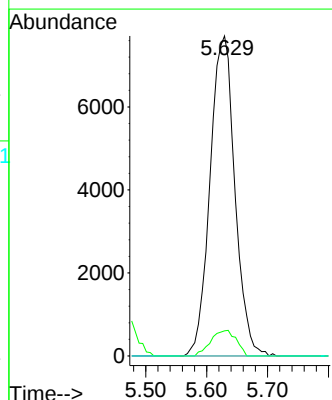
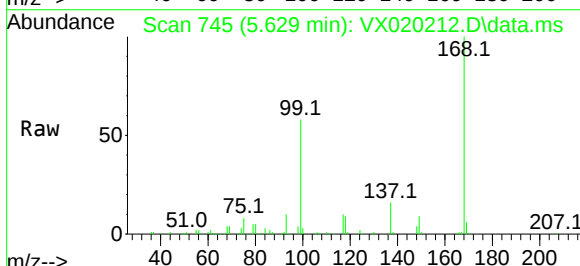


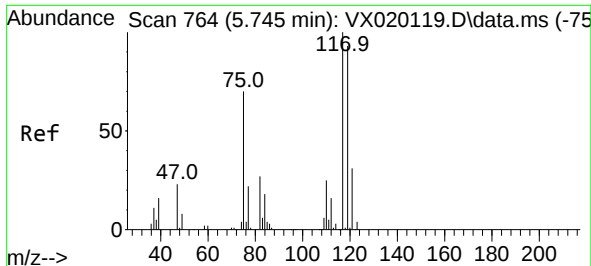
Tgt Ion:113 Resp: 151149
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

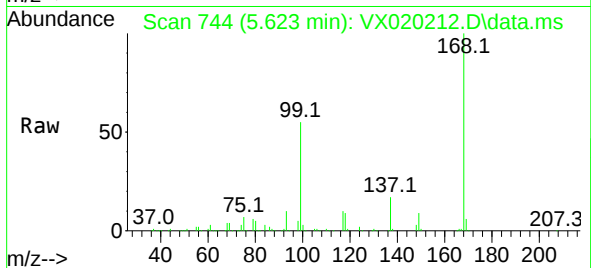
Tgt Ion: 75 Resp: 21853
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#



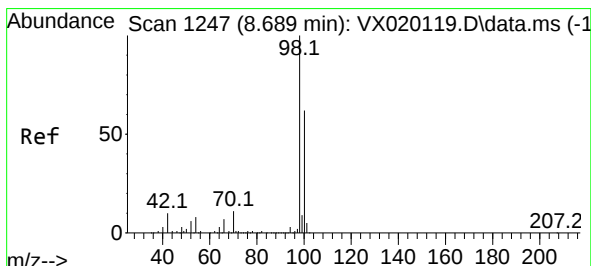
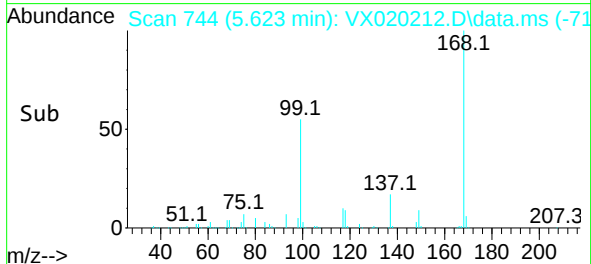
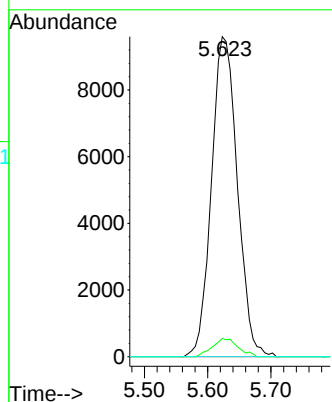


#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

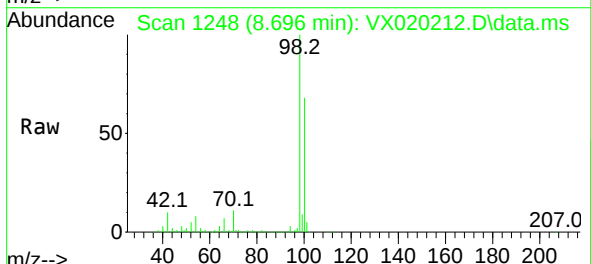
Instrument :
MSVOA_X
ClientSampleId :
49-5973(D)-R-121320



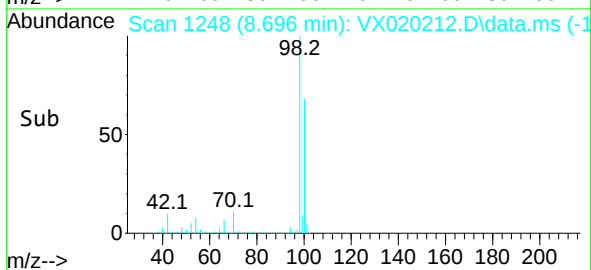
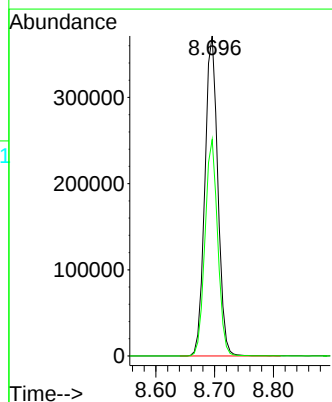
Tgt Ion:117 Resp: 27262
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

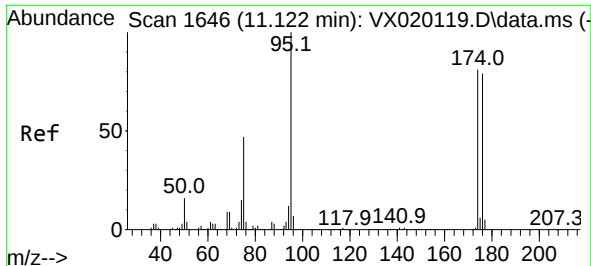


#50
Toluene-d8
Concen: 49.13 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53



Tgt Ion: 98 Resp: 567957
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

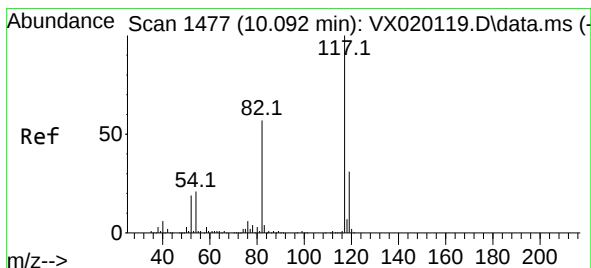
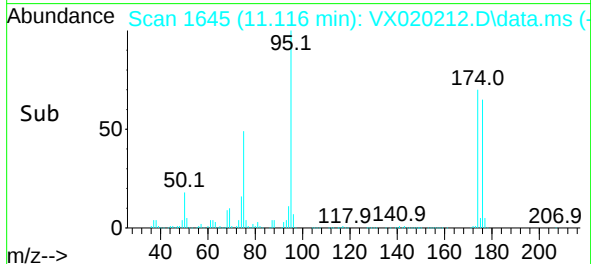
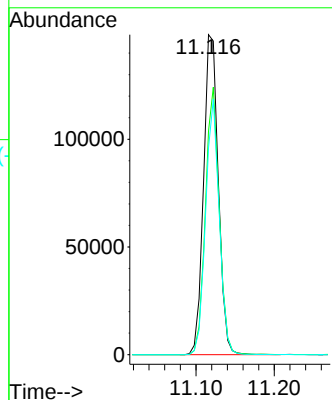
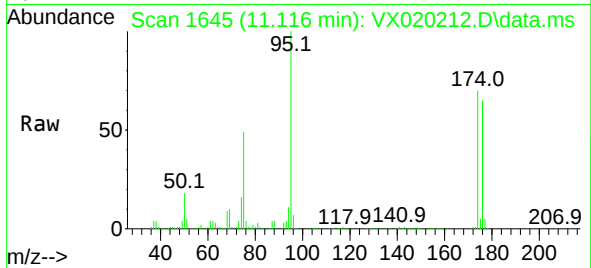




#62
4-Bromofluorobenzene
Concen: 43.88 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

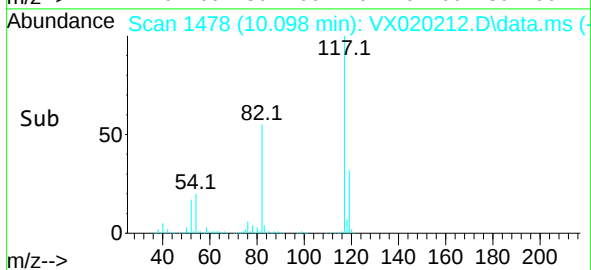
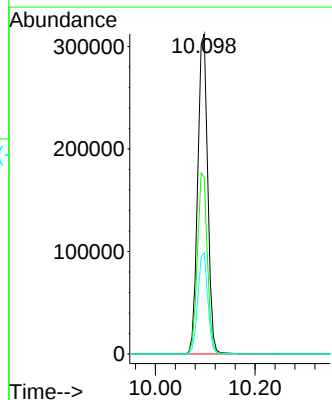
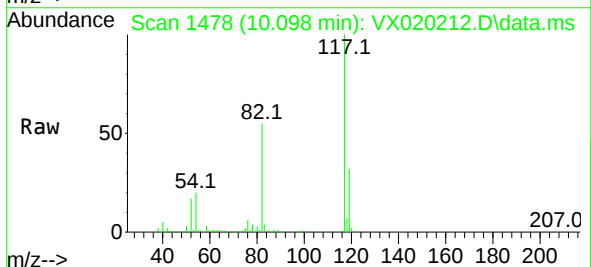
Instrument :
MSVOA_X
ClientSampleId :
49-5973(D)-R-121320

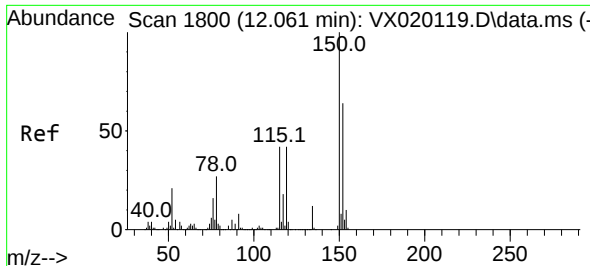
Tgt Ion: 95 Resp: 194147
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 73.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

Tgt Ion: 117 Resp: 434279
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 31.6 26.6 39.8

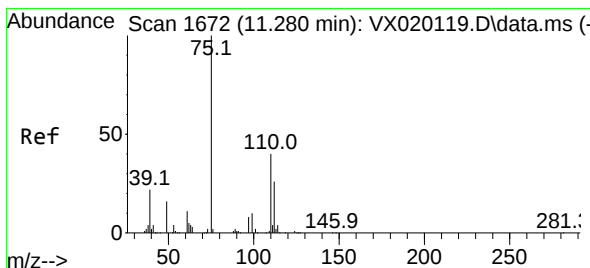
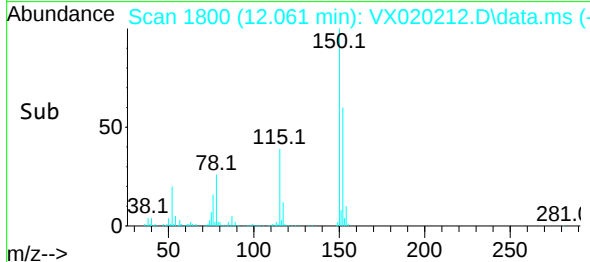
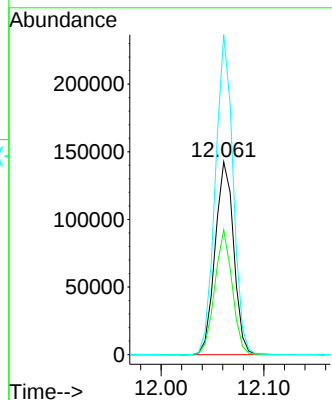
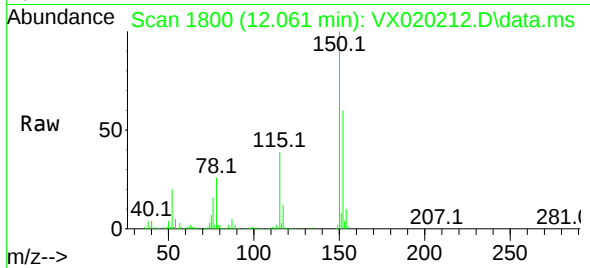




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

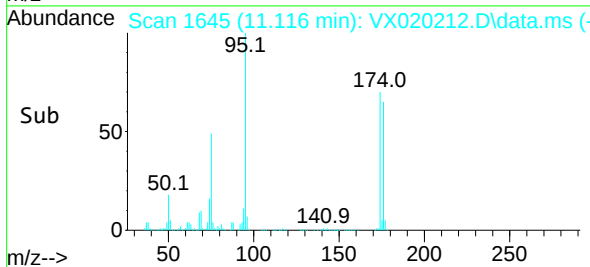
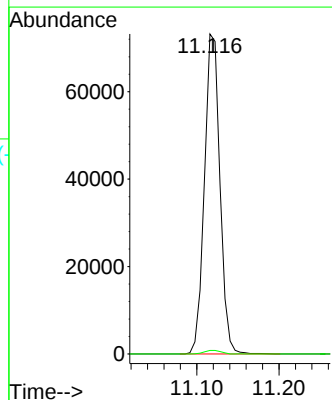
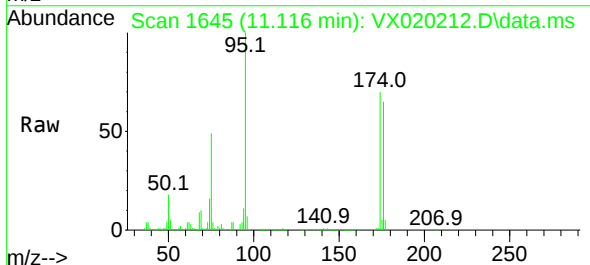
Instrument :
 MSVOA_X
 ClientSampleId :
 49-5973(D)-R-121320

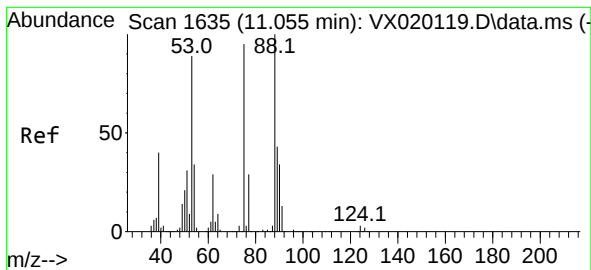
Tgt Ion:152 Resp: 178628
 Ion Ratio Lower Upper
 152 100
 115 60.8 41.1 123.3
 150 158.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.78 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

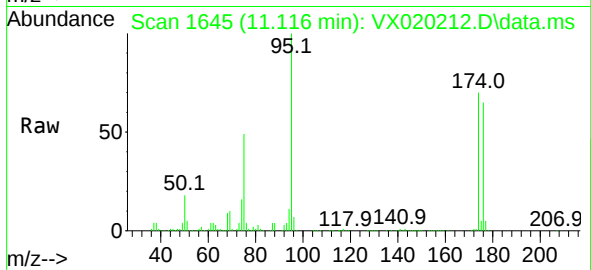
Tgt Ion: 75 Resp: 95828
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.61 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5973(D)-R-121320



Tgt Ion: 75 Resp: 95828
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

