

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020183.D
 Acq On : 19 Dec 2020 19:53
 Operator : JC/MD
 Sample : L5096-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW032-121220

Quant Time: Dec 21 02:36:26 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	5.629	168	298586	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	497024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	458475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	196748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	196074	48.99	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.98%
35) Dibromofluoromethane	5.464	113	156596	49.25	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.50%
50) Toluene-d8	8.695	98	603756	49.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.66%
62) 4-Bromofluorobenzene	11.122	95	212685	45.41	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.82%

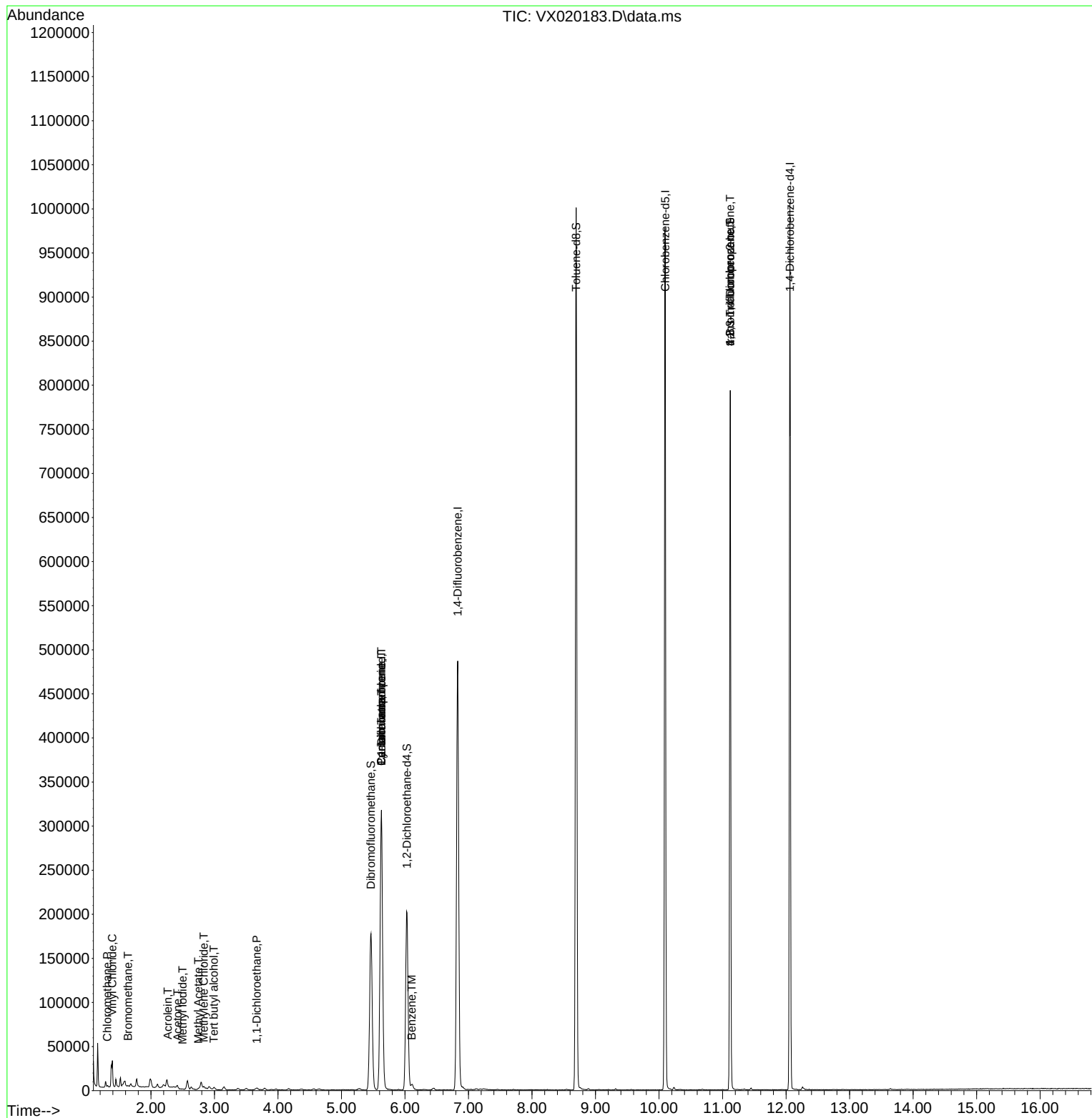
Target Compounds						Qvalue
3) Chloromethane	1.313	50	758	0.20	ug/l #	88
4) Vinyl Chloride	1.392	62	1028	0.25	ug/l #	82
5) Bromomethane	1.636	94	567	0.43	ug/l #	57
10) Methyl Iodide	2.495	142	249	3.34	ug/l #	42
11) Tert butyl alcohol	2.989	59	1904	2.12	ug/l #	73
13) Acrolein	2.264	56	381	0.68	ug/l #	1
16) Acetone	2.416	43	3195	1.75	ug/l	94
18) Methyl Acetate	2.745	43	886	0.22	ug/l #	60
20) Methylene Chloride	2.831	84	1481	0.36	ug/l #	85
24) 1,1-Dichloroethane	3.666	63	2495	0.38	ug/l	95
31) Cyclohexane	5.629	56	6132	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23126	4.71	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29589	6.33	ug/l #	17
40) Benzene	6.104	78	7100	0.46	ug/l	98
76) 1,2,3-Trichloropropane	11.122	75	103137	21.28	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	103137	63.14	ug/l #	12

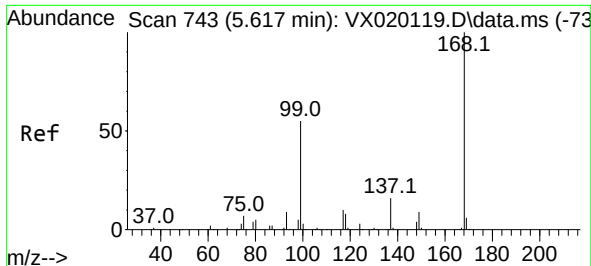
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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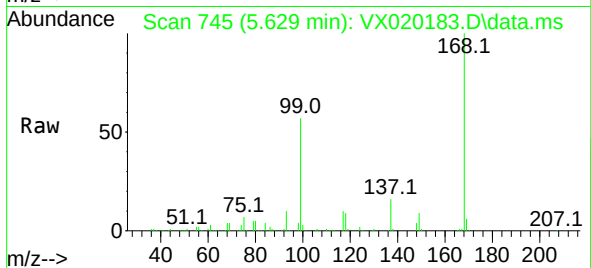
Quant Time: Dec 21 02:36:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



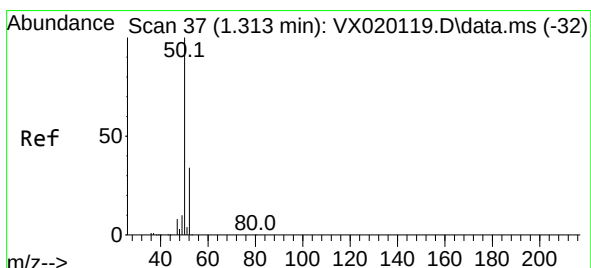
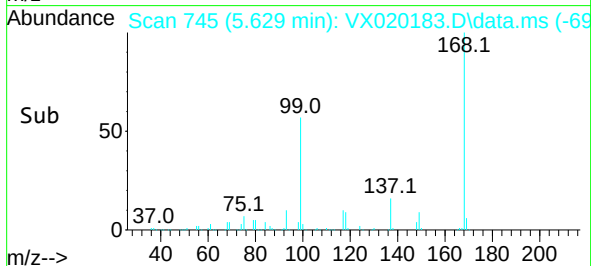
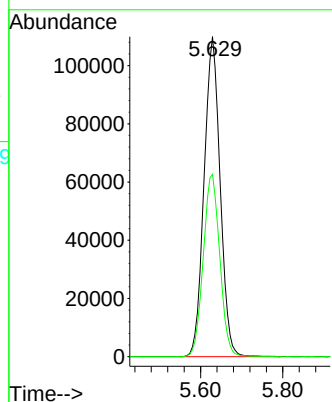


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
49-MW032-121220

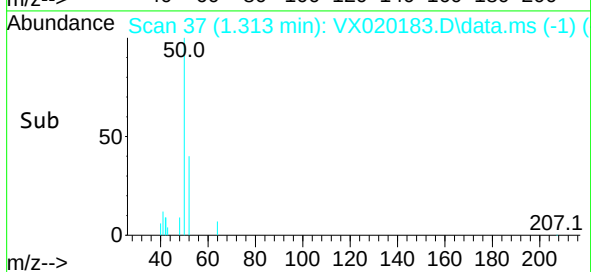
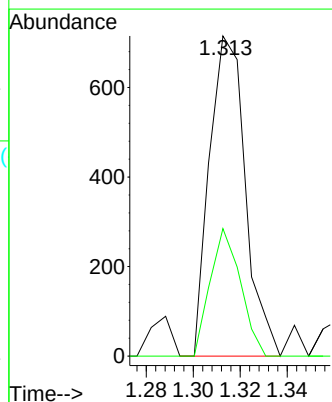
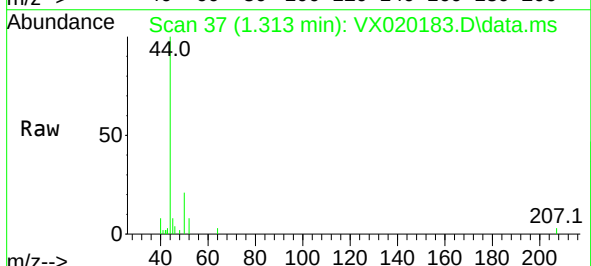


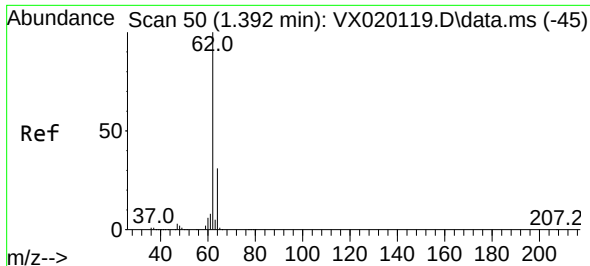
Tgt Ion:168 Resp: 298586
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#3
Chloromethane
Concen: 0.20 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Tgt Ion: 50 Resp: 758
Ion Ratio Lower Upper
50 100
52 39.9 26.4 39.6#

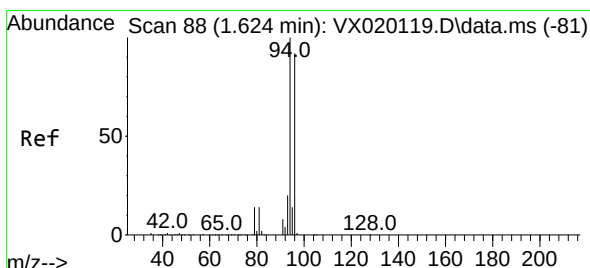
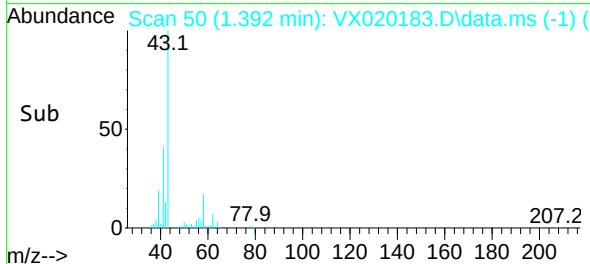
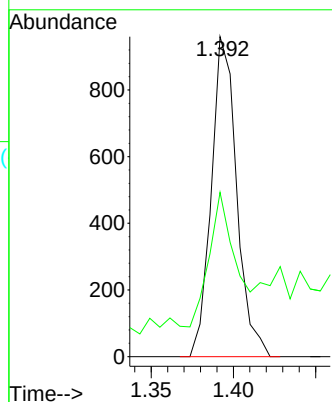
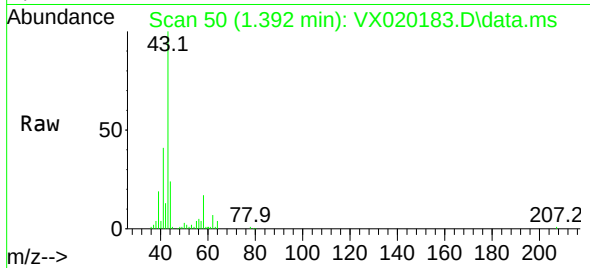




#4
 Vinyl Chloride
 Concen: 0.25 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020183.D
 Acq: 19 Dec 2020 19:53

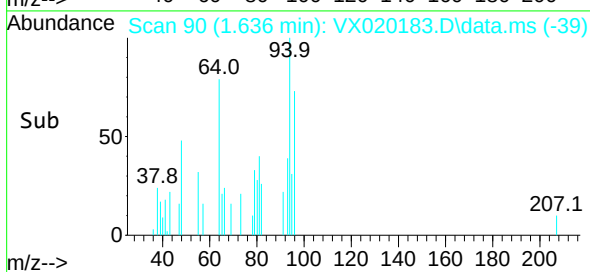
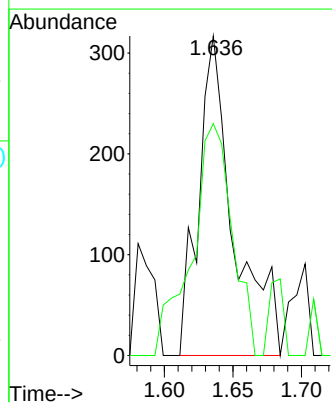
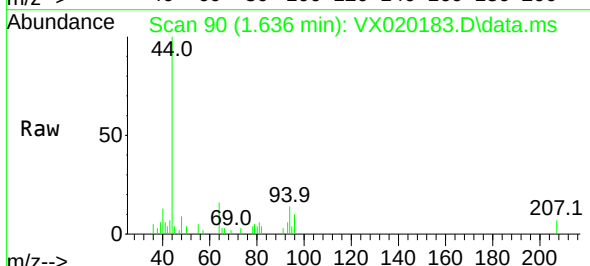
Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW032-121220

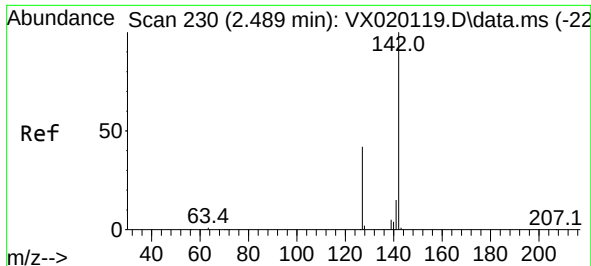
Tgt Ion: 62 Resp: 1028
 Ion Ratio Lower Upper
 62 100
 64 41.9 25.7 38.5#



#5
 Bromomethane
 Concen: 0.43 ug/l
 RT: 1.636 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: VX020183.D
 Acq: 19 Dec 2020 19:53

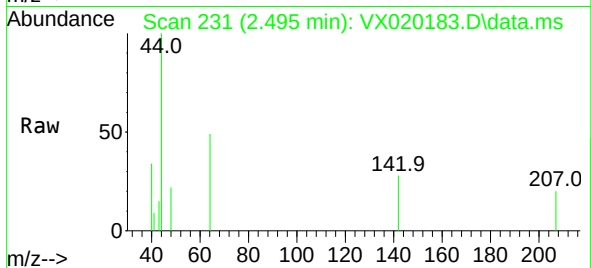
Tgt Ion: 94 Resp: 567
 Ion Ratio Lower Upper
 94 100
 96 53.3 76.4 114.6#



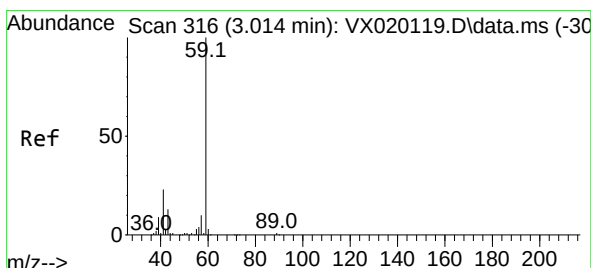
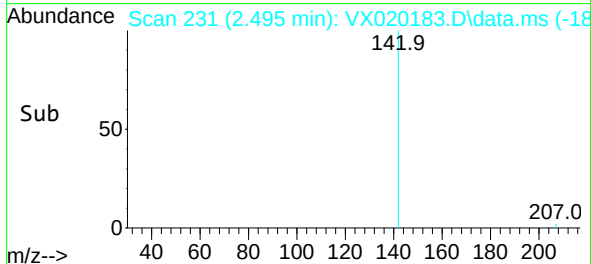
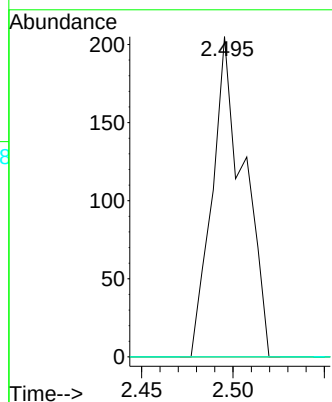


#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
49-MW032-121220

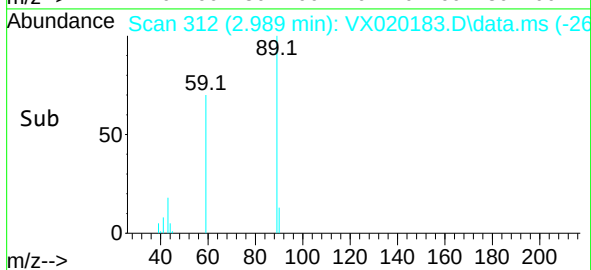
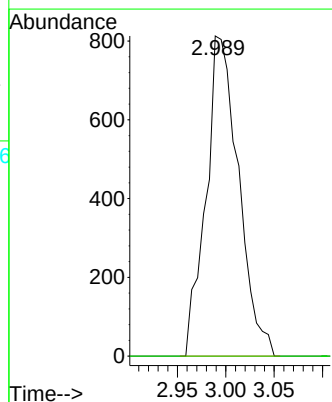
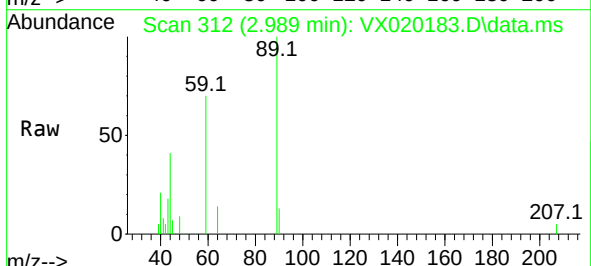


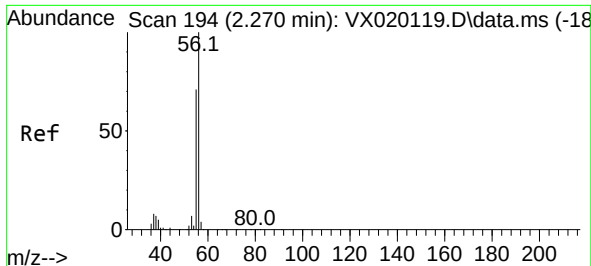
Tgt Ion:142 Resp: 249
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.12 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Tgt Ion: 59 Resp: 1904
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

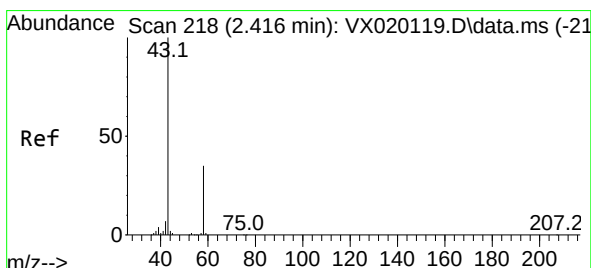
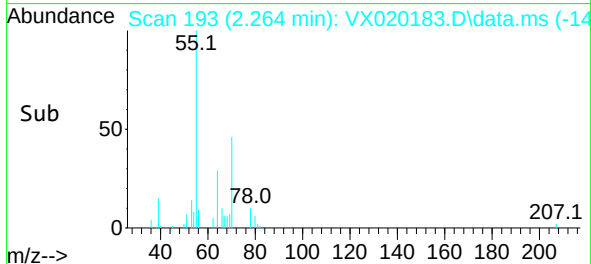
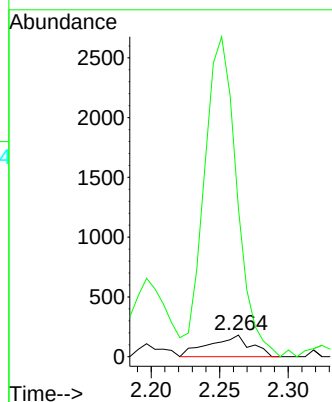
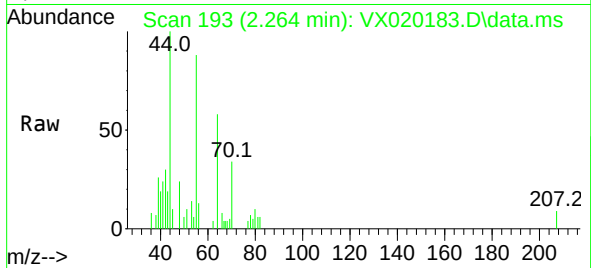




#13
Acrolein
Concen: 0.68 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

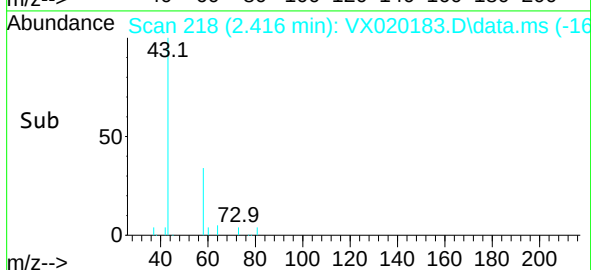
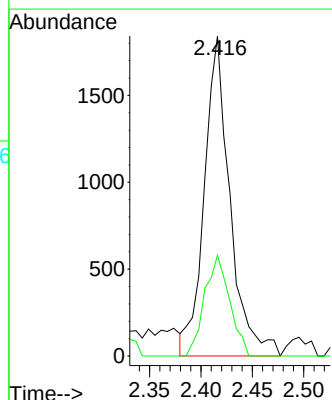
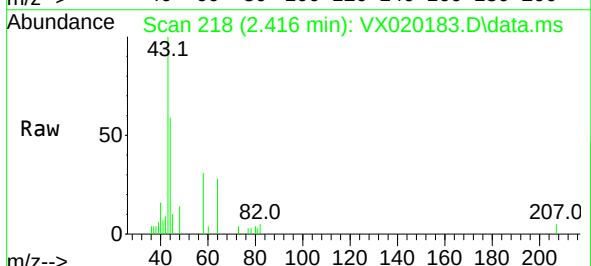
Instrument :
MSVOA_X
ClientSampleId :
49-MW032-121220

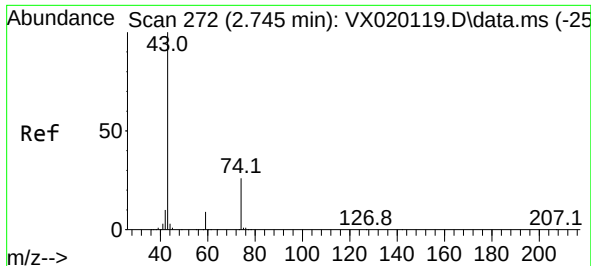
Tgt Ion: 56 Resp: 381
Ion Ratio Lower Upper
56 100
55 1160.4 56.4 84.6#



#16
Acetone
Concen: 1.75 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Tgt Ion: 43 Resp: 3195
Ion Ratio Lower Upper
43 100
58 31.5 27.8 41.8

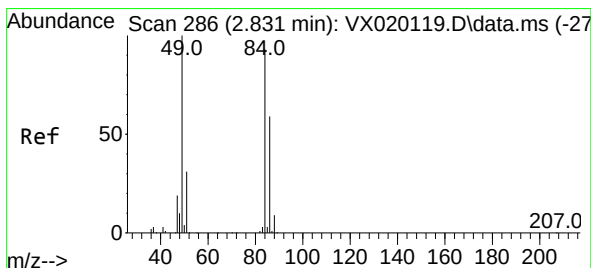
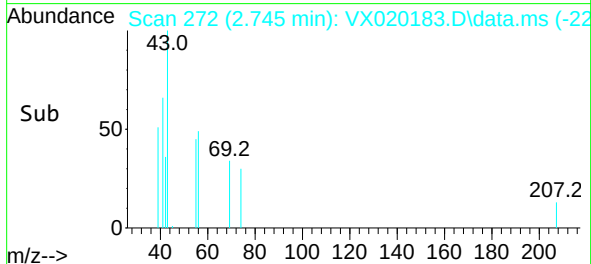
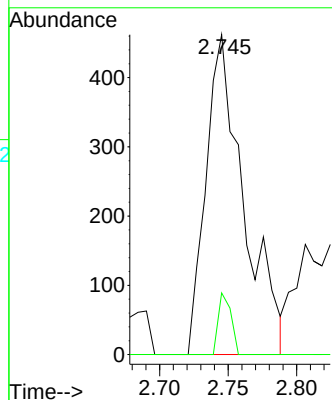
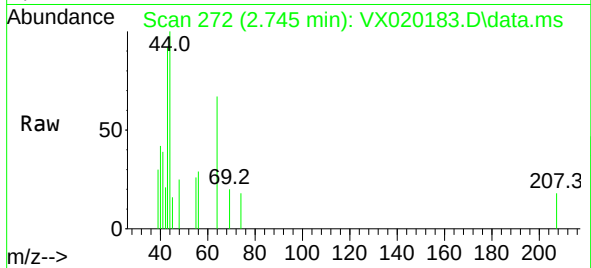




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

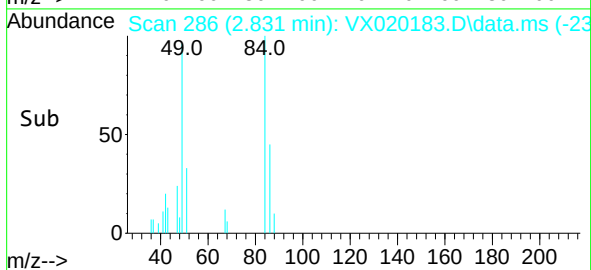
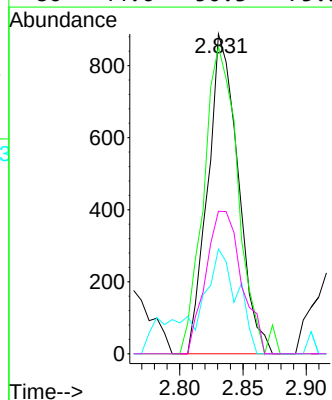
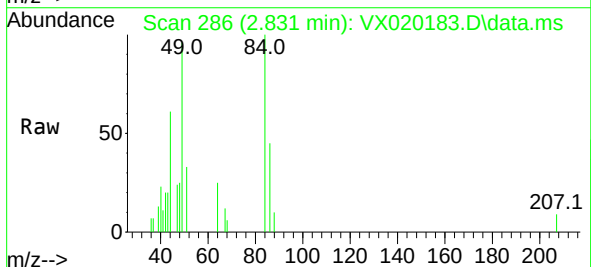
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MSVOA_X
ClientSampleId :
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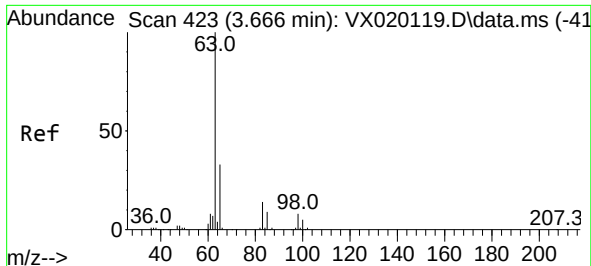
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
74 6.4 21.9 32.9#



#20
Methylene Chloride
Concen: 0.36 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

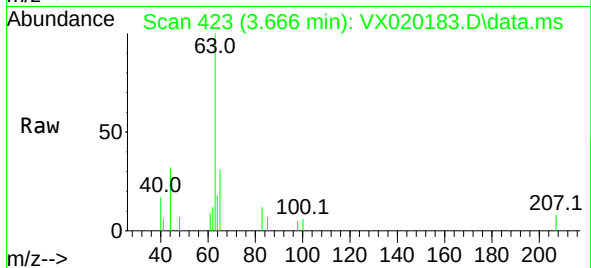
Tgt Ion: 84 Resp: 1481
Ion Ratio Lower Upper
84 100
49 95.9 88.6 132.8
51 32.8 27.0 40.6
86 44.6 50.3 75.5#



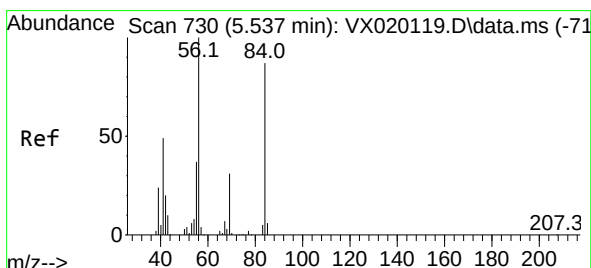
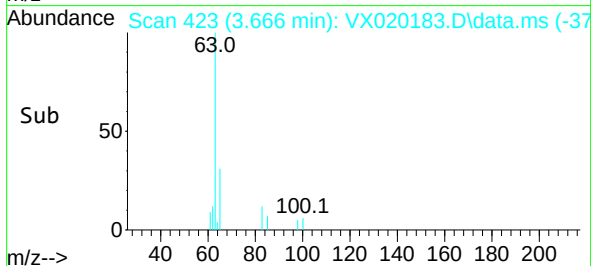
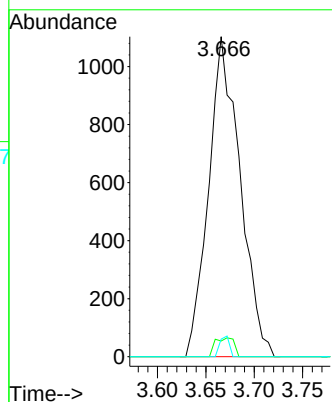


#24
1,1-Dichloroethane
Concen: 0.38 ug/l
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

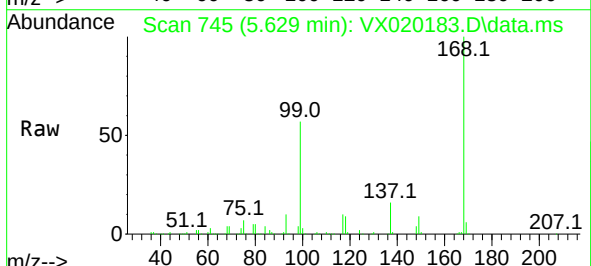
Instrument :
MSVOA_X
ClientSampleId :
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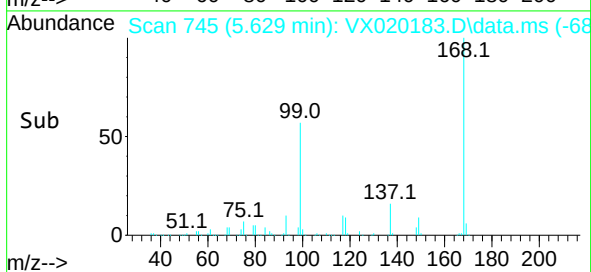
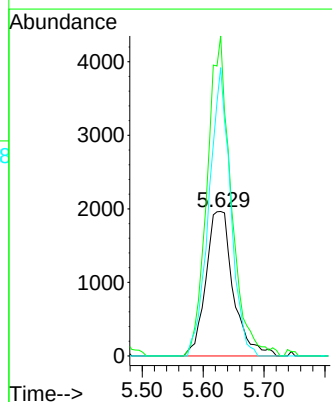
Tgt Ion:	63	Resp:	2495
Ion Ratio	100	Lower	Upper
63	100		
98	4.9	3.8	11.2
100	5.5	2.5	7.5

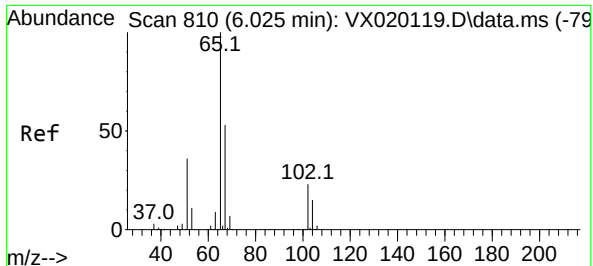


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53



Tgt Ion:	56	Resp:	6132
Ion Ratio	100	Lower	Upper
56	100		
69	221.4	25.3	37.9#
84	199.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.99 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020183.D

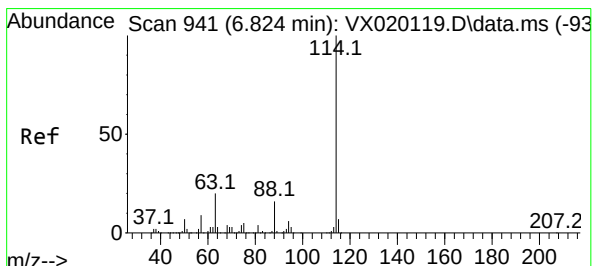
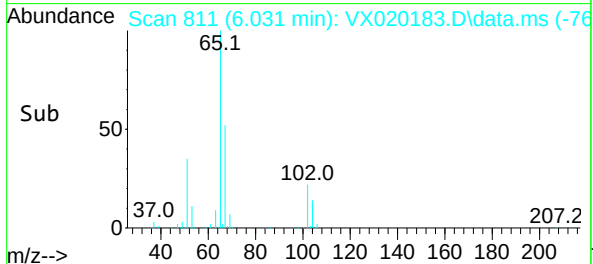
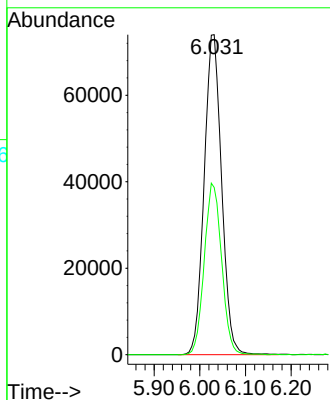
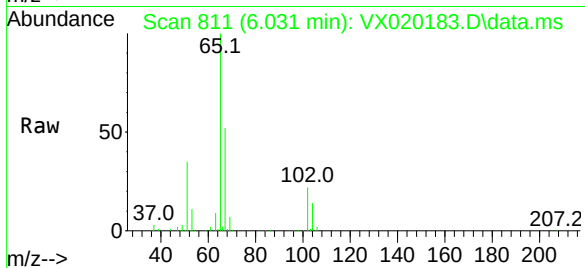
Acq: 19 Dec 2020 19:53

Tgt Ion: 65 Resp: 196074

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: VX020183.D

Acq: 19 Dec 2020 19:53

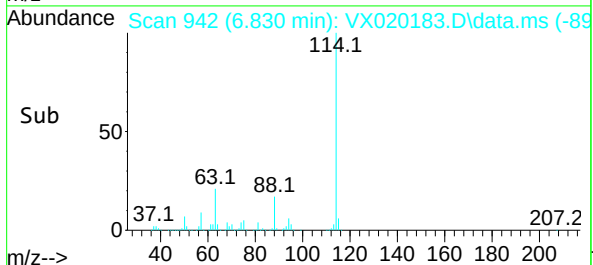
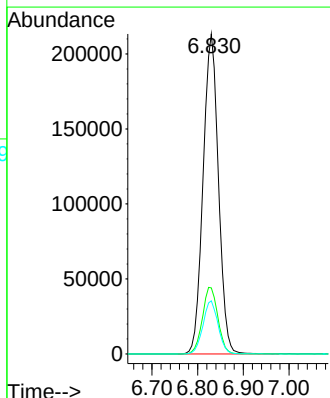
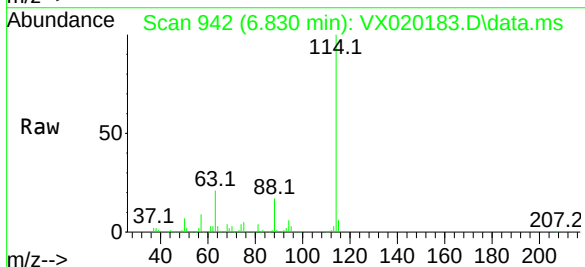
Tgt Ion: 114 Resp: 497024

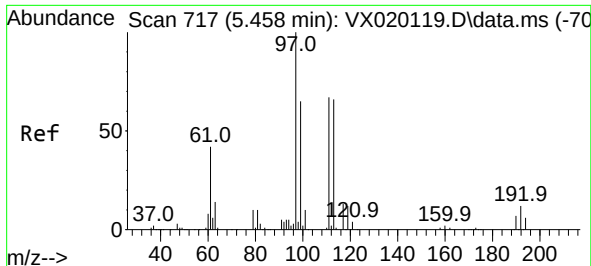
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

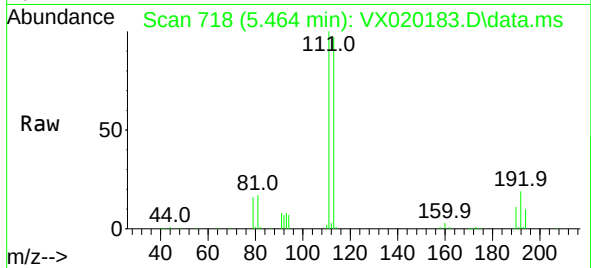
88 16.6 0.0 32.8



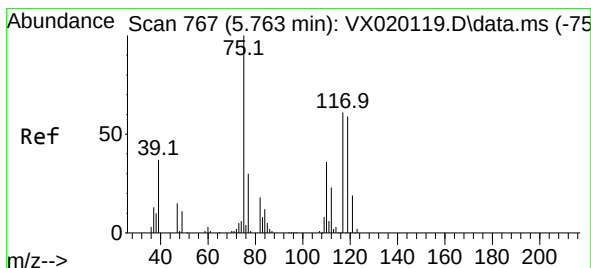
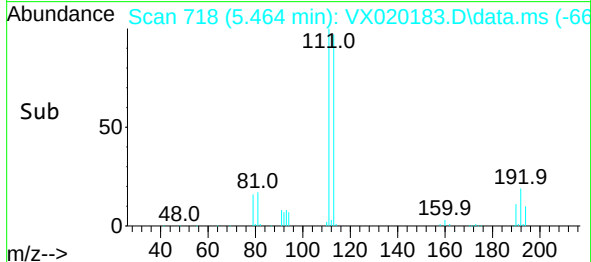
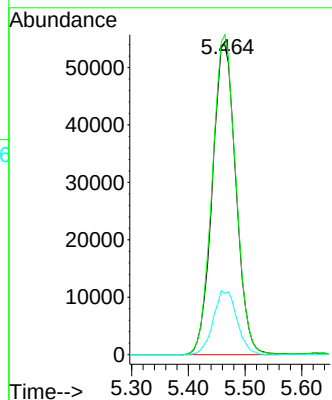


#35
Dibromofluoromethane
Concen: 49.25 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
49-MW032-121220

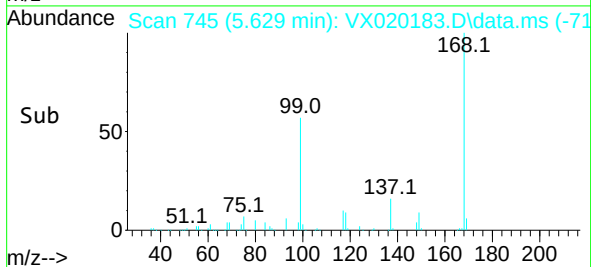
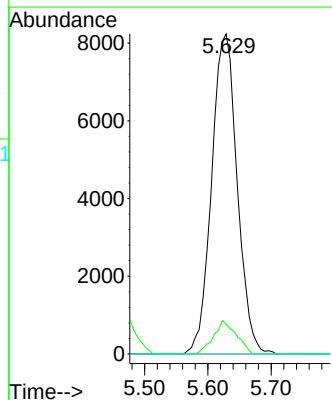
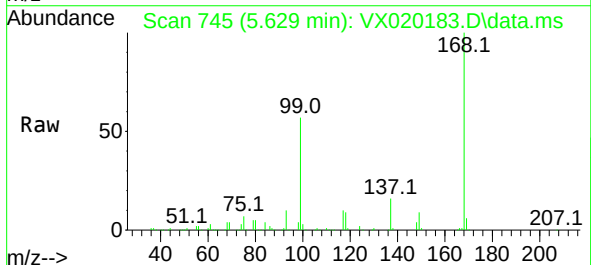


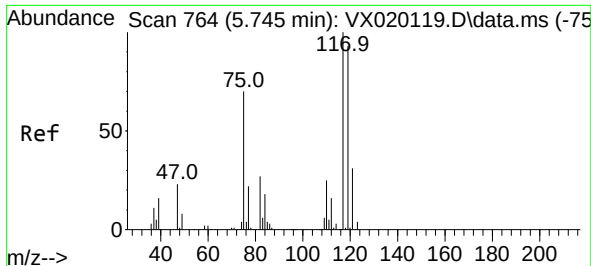
Tgt Ion:113 Resp: 156596
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Tgt Ion: 75 Resp: 23126
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#

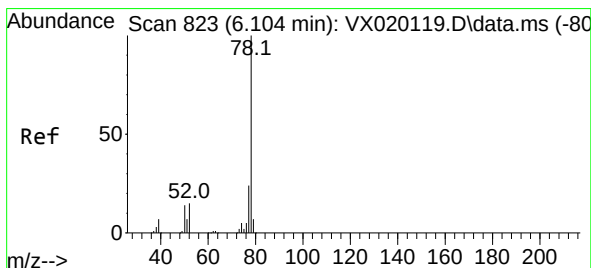
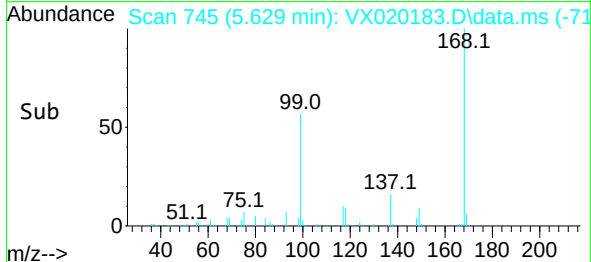
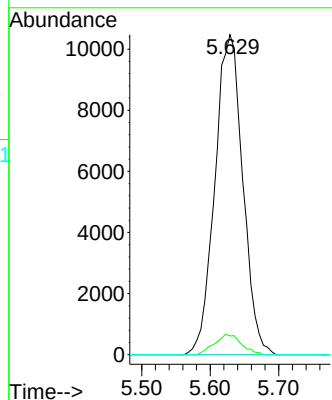
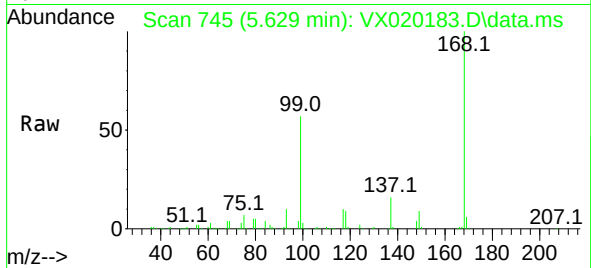




#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

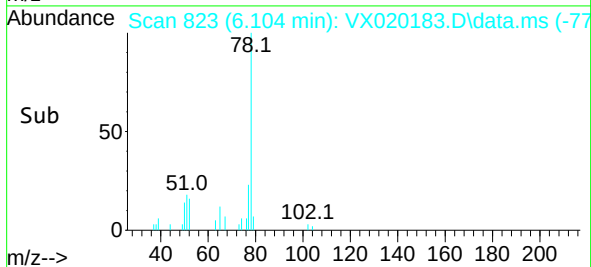
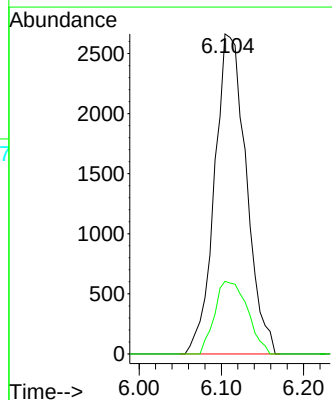
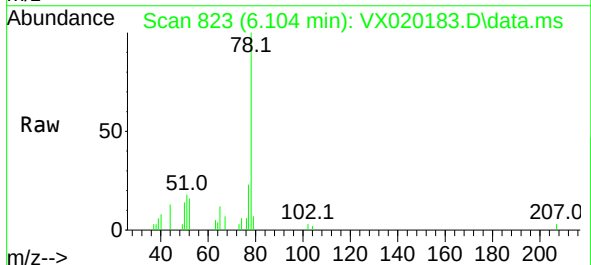
Instrument :
MSVOA_X
ClientSampleId :
49-MW032-121220

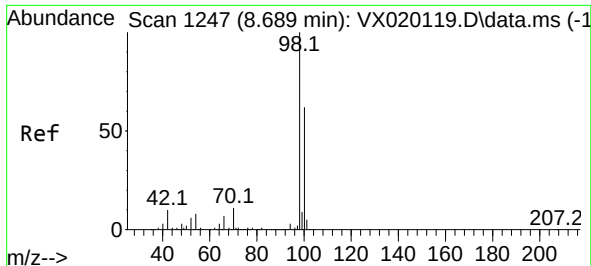
Tgt Ion:117 Resp: 29589
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 0.46 ug/l
RT: 6.104 min Scan# 823
Delta R.T. 0.000 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Tgt Ion: 78 Resp: 7100
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3

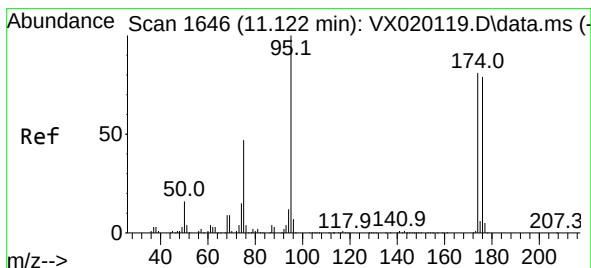
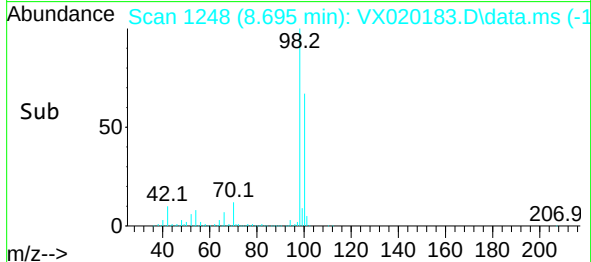
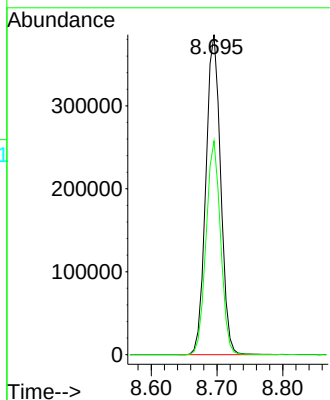
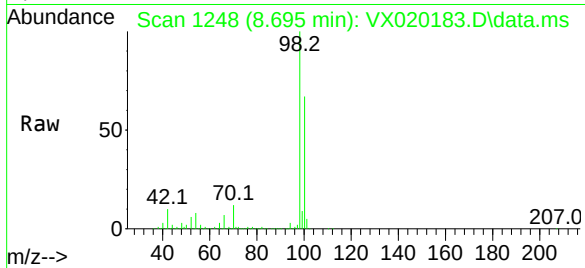




#50
Toluene-d8
Concen: 49.33 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

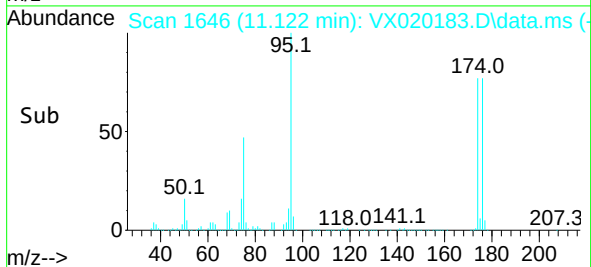
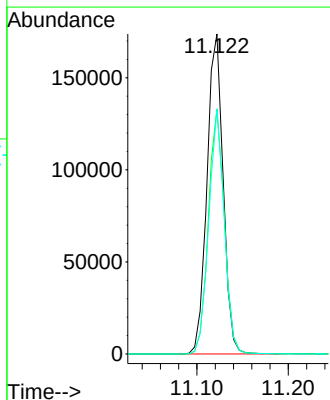
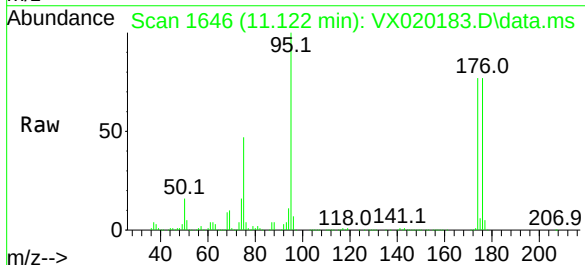
Instrument :
MSVOA_X
ClientSampleId :
49-MW032-121220

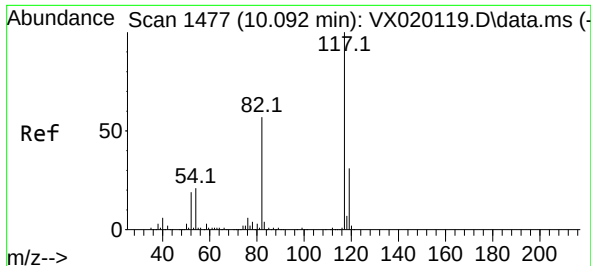
Tgt Ion: 98 Resp: 603756
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.41 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Tgt Ion: 95 Resp: 212685
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.6
176 73.2 0.0 155.8

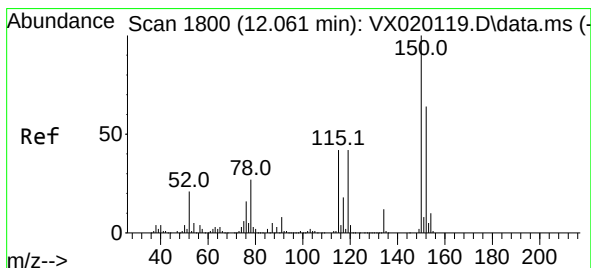
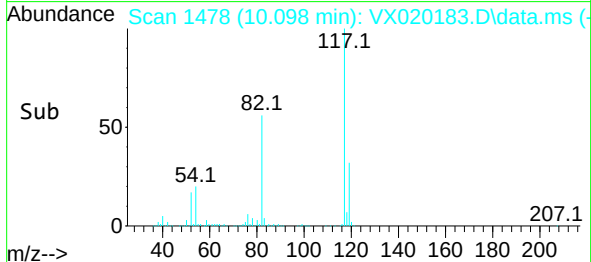
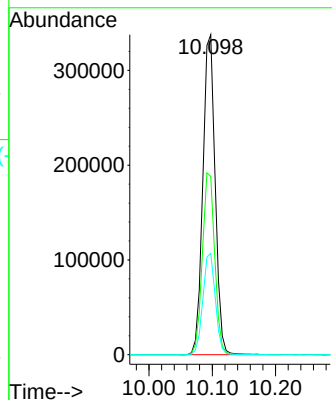
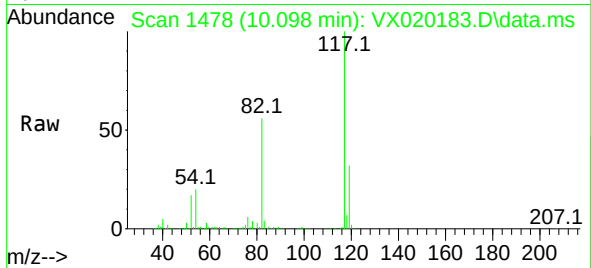




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

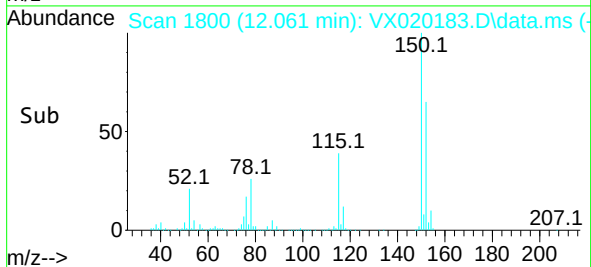
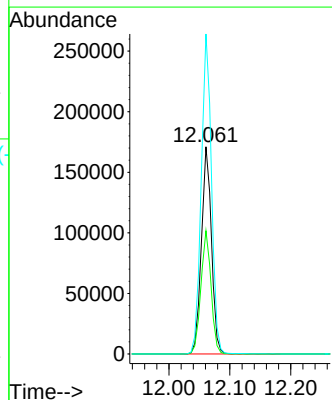
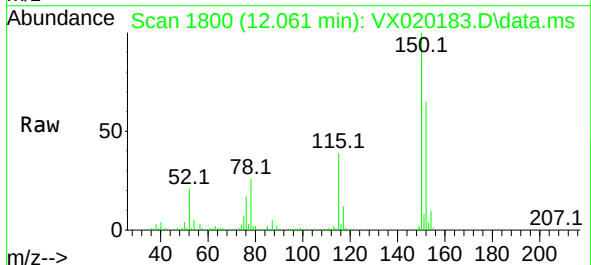
Instrument :
MSVOA_X
ClientSampleId :
49-MW032-121220

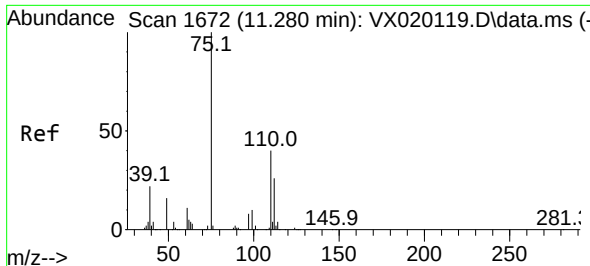
Tgt Ion:117 Resp: 458475
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Tgt Ion:152 Resp: 196748
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 157.1 0.0 349.0

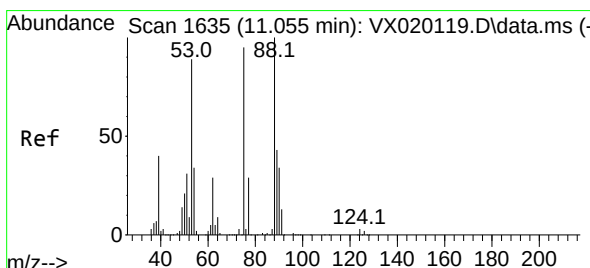
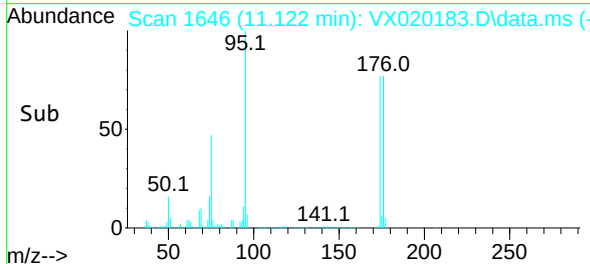
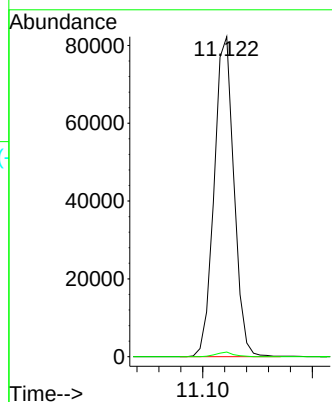
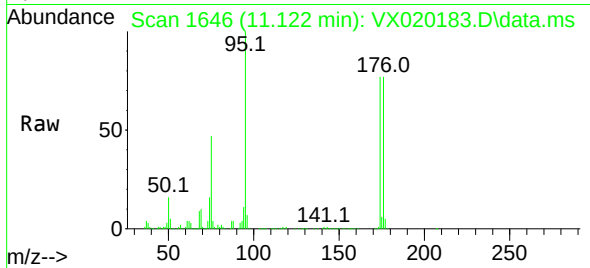




#76
1,2,3-Trichloropropane
Concen: 21.28 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
49-MW032-121220

Tgt Ion: 75 Resp: 103137
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.14 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020183.D
Acq: 19 Dec 2020 19:53

Tgt Ion: 75 Resp: 103137
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

