

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021687.D
 Acq On : 31 Mar 2021 15:56
 Operator : JC/MD
 Sample : M1842-17DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 01 03:26:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

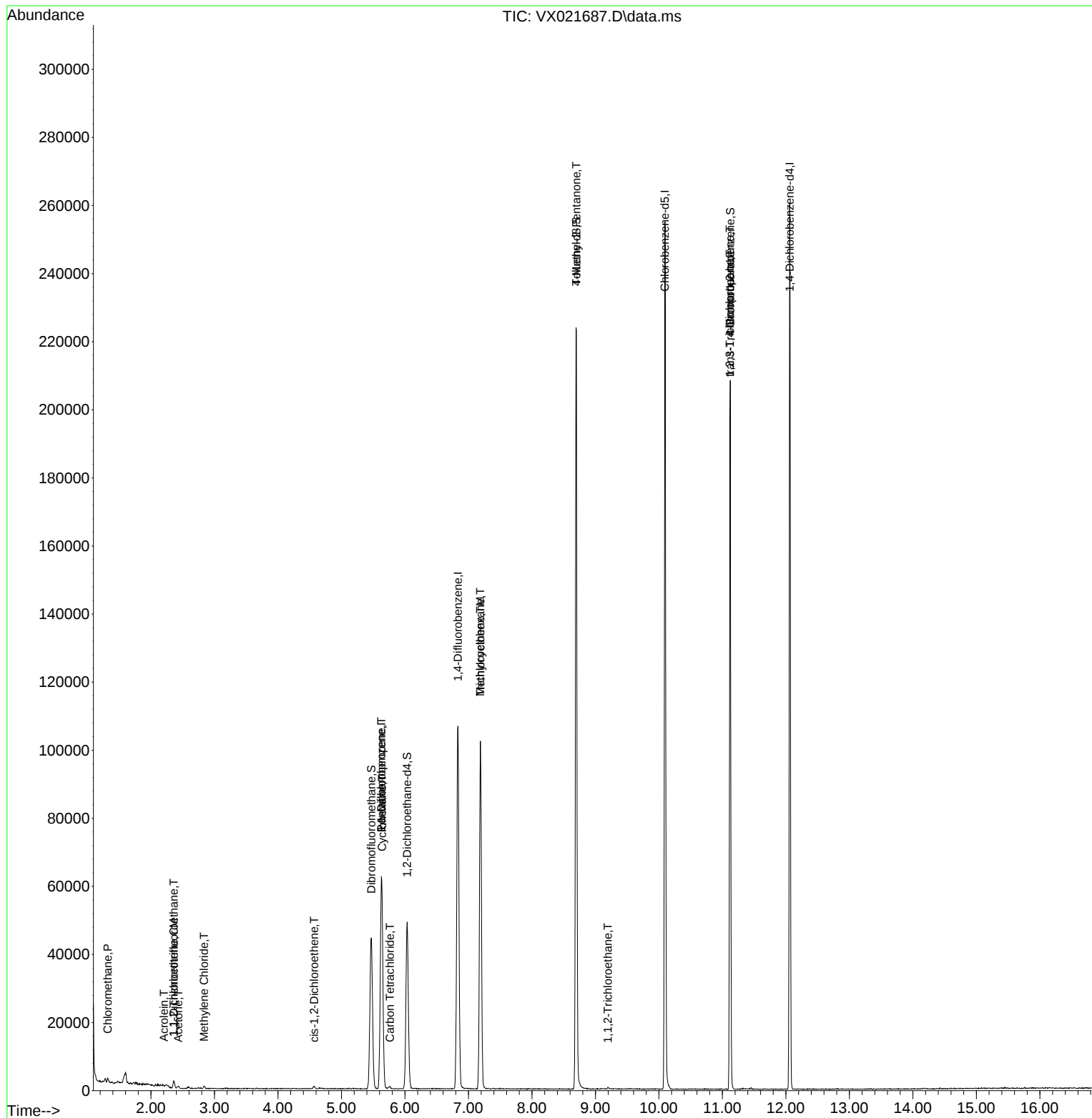
Internal Standards						
1) Pentafluorobenzene	5.629	168	55272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	99832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	106566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	48044	52.24	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.48%		
35) Dibromofluoromethane	5.470	113	37380	52.71	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.42%		
50) Toluene-d8	8.700	98	130866	51.79	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.58%		
62) 4-Bromofluorobenzene	11.124	95	51967	52.89	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.78%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1256	1.84	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.358	101	379	0.67	ug/l #	86
12) 1,1-Dichloroethene	2.358	96	452	0.81	ug/l	87
13) Acrolein	2.205	56	18	4.53	ug/l #	1
16) Acetone	2.428	43	651	1.87	ug/l #	85
20) Methylene Chloride	2.834	84	304	0.45	ug/l #	81
27) cis-1,2-Dichloroethene	4.570	96	338	0.48	ug/l	87
31) Cyclohexane	5.641	56	1569	1.55	ug/l #	45
36) 1,1-Dichloropropene	5.629	75	4818	4.93	ug/l #	49
38) Carbon Tetrachloride	5.764	117	522	0.50	ug/l #	80
39) Methylcyclohexane	7.188	83	554	0.51	ug/l #	1
44) Trichloroethene	7.188	130	36933	50.39	ug/l	94
51) 4-Methyl-2-Pentanone	8.700	43	768	0.68	ug/l #	1
55) 1,1,2-Trichloroethane	9.194	97	216	0.30	ug/l #	86
76) 1,2,3-Trichloropropane	11.118	75	29991	26.68	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	29991	81.28	ug/l #	12

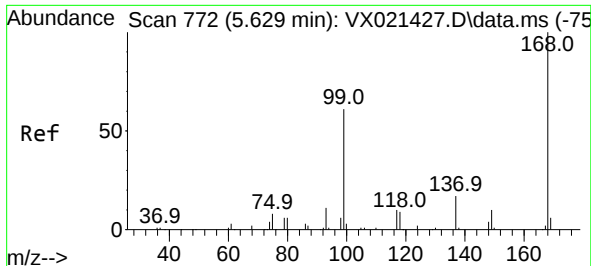
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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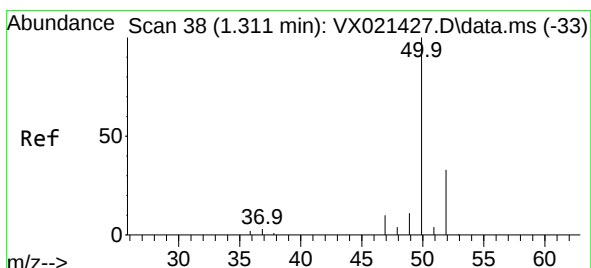
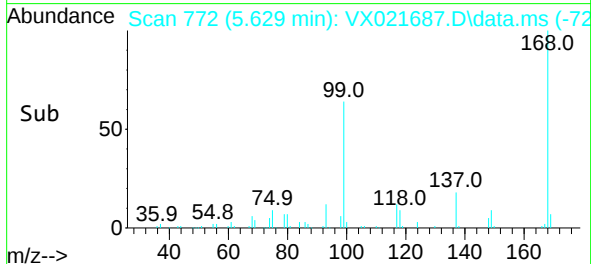
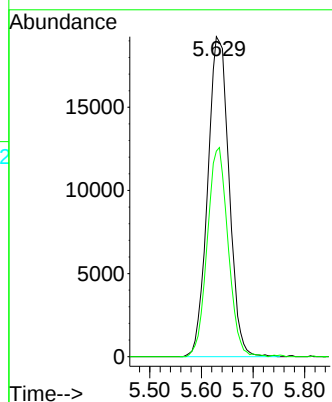
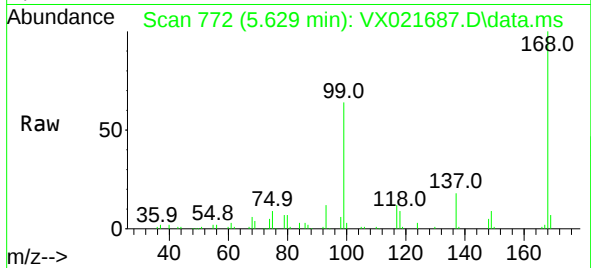




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

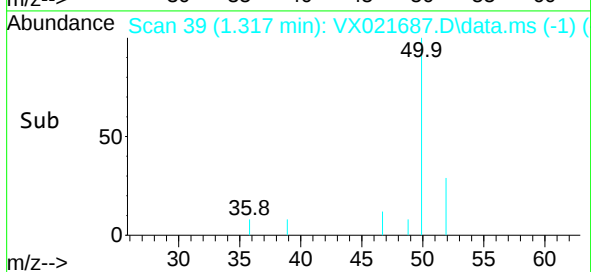
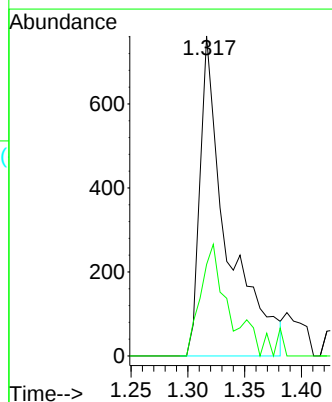
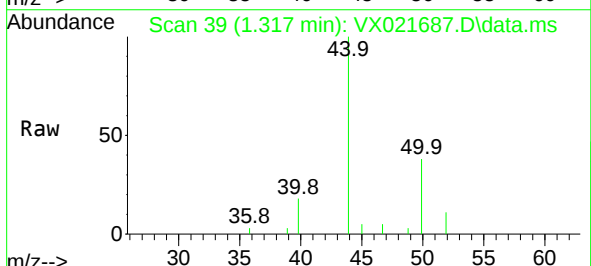
Instrument :
MSVOA_X
ClientSampled :

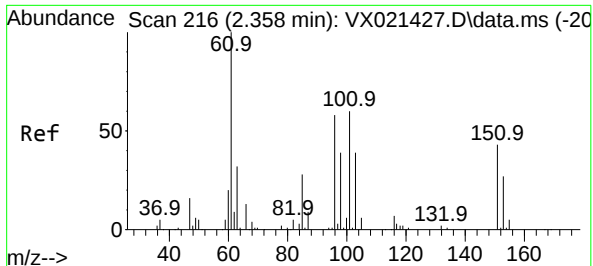
Tgt Ion:168 Resp: 55272
Ion Ratio Lower Upper
168 100
99 64.2 45.8 68.6



#3
Chloromethane
Concen: 1.84 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

Tgt Ion: 50 Resp: 1256
Ion Ratio Lower Upper
50 100
52 28.6 26.4 39.6

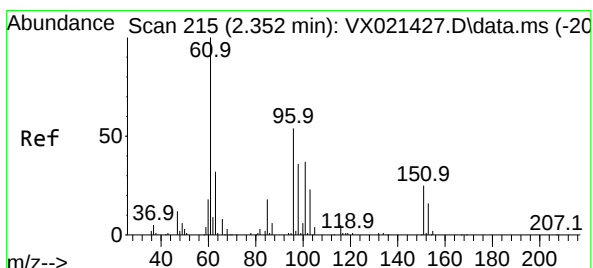
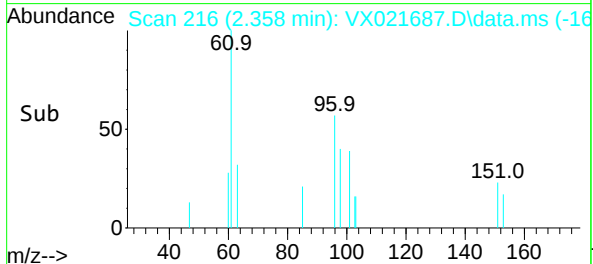
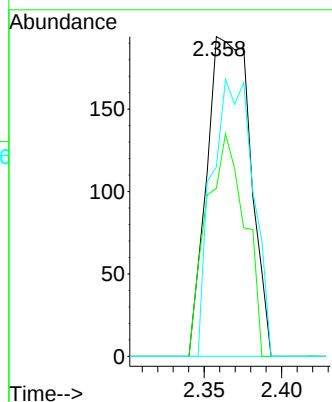
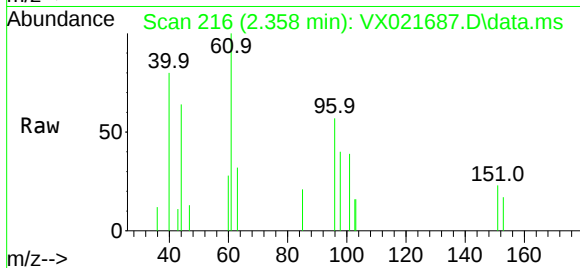




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.67 ug/l
RT: 2.358 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

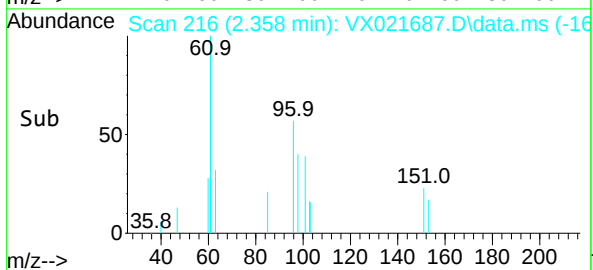
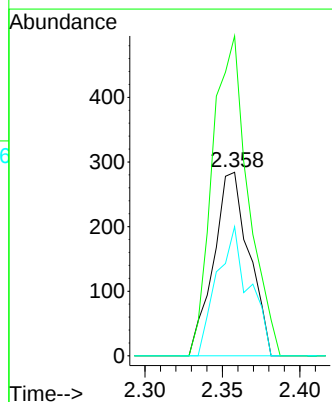
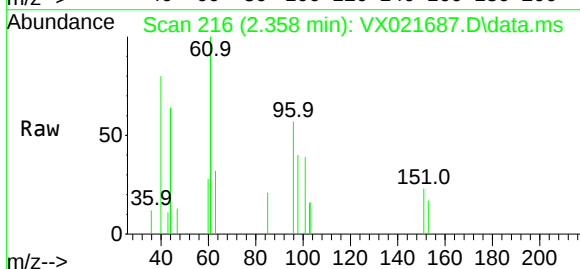
Instrument :
MSVOA_X
ClientSampled :

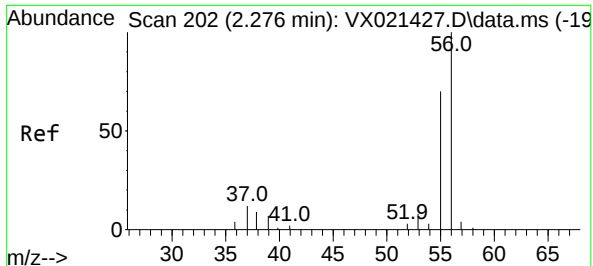
Tgt Ion:101 Resp: 379
Ion Ratio Lower Upper
101 100
85 61.5 34.9 52.3#
151 81.8 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.81 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

Tgt Ion: 96 Resp: 452
Ion Ratio Lower Upper
96 100
61 174.3 124.6 187.0
98 70.4 50.6 76.0

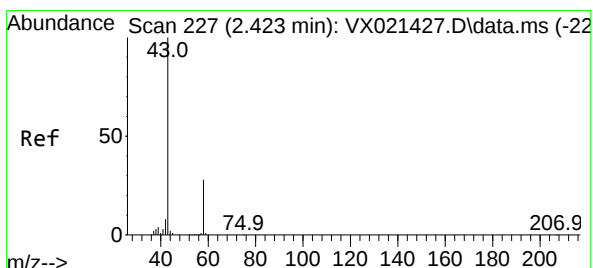
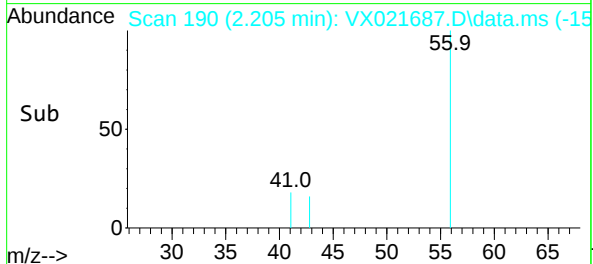
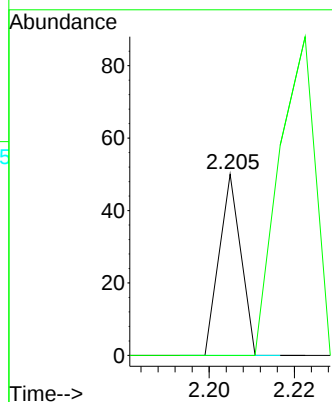
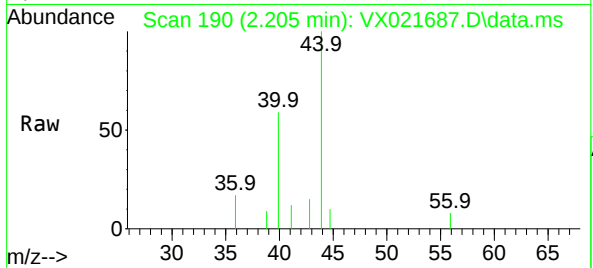




#13
Acrolein
Concen: 4.53 ug/l
RT: 2.205 min Scan# 190
Delta R.T. -0.071 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

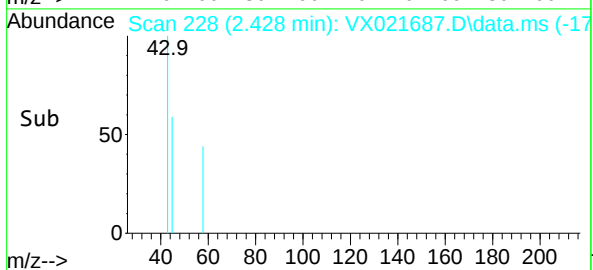
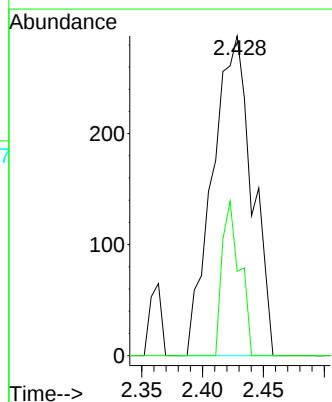
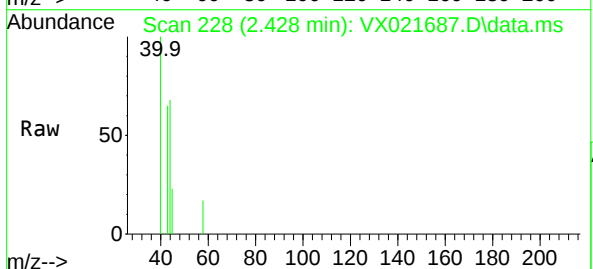
Instrument :
MSVOA_X
ClientSampled :

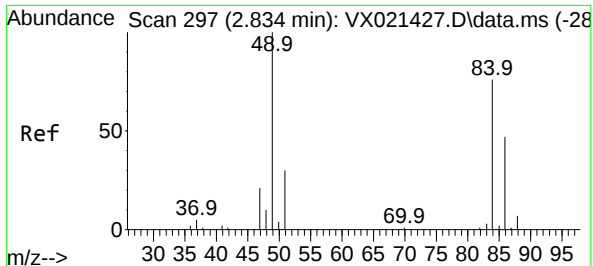
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 288.9 56.4 84.6#



#16
Acetone
Concen: 1.87 ug/l
RT: 2.428 min Scan# 228
Delta R.T. 0.005 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
58 26.4 27.8 41.8#





#20

Methylene Chloride

Concen: 0.45 ug/l

RT: 2.834 min Scan# 297

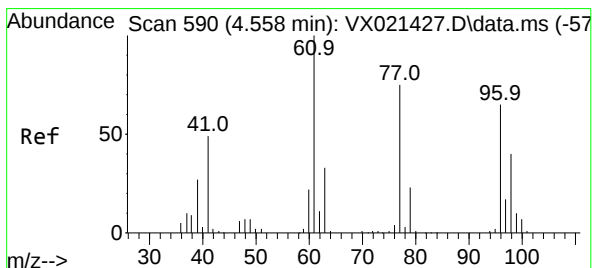
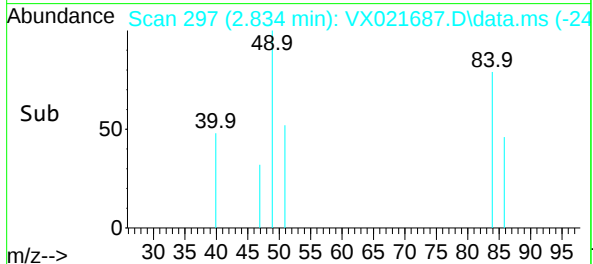
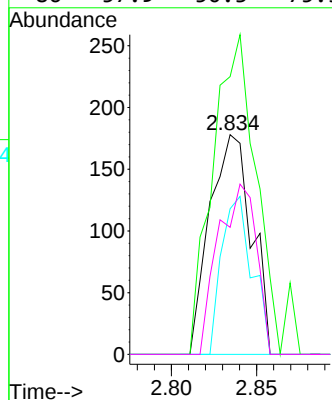
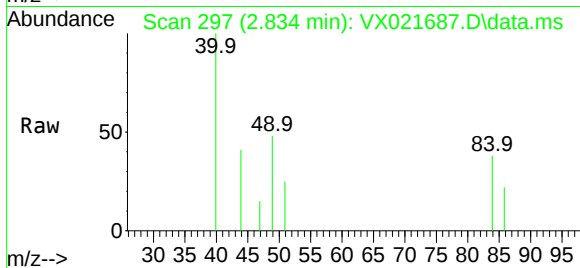
Delta R.T. 0.000 min

Lab File: VX021687.D

Acq: 31 Mar 2021 15:56

Tgt Ion: 84 Resp: 304

Ion	Ratio	Lower	Upper
84	100		
49	126.4	88.6	132.8
51	66.3	27.0	40.6#
86	57.9	50.3	75.5



#27

cis-1,2-Dichloroethene

Concen: 0.48 ug/l

RT: 4.570 min Scan# 592

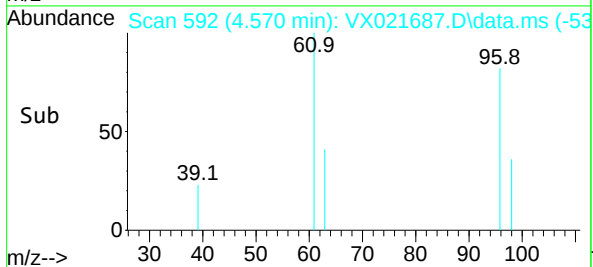
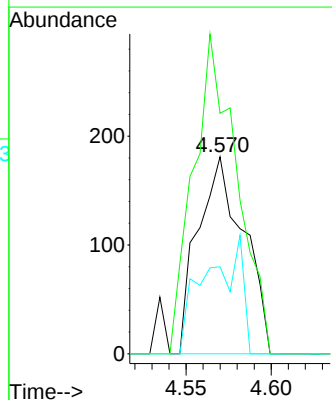
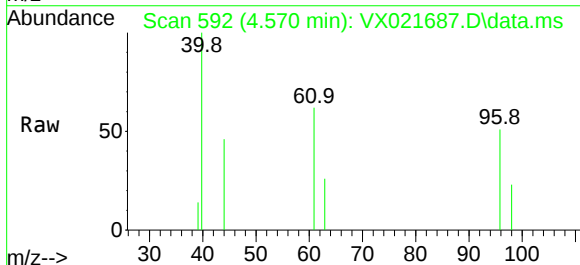
Delta R.T. 0.012 min

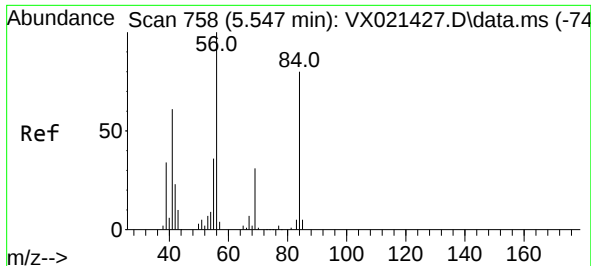
Lab File: VX021687.D

Acq: 31 Mar 2021 15:56

Tgt Ion: 96 Resp: 338

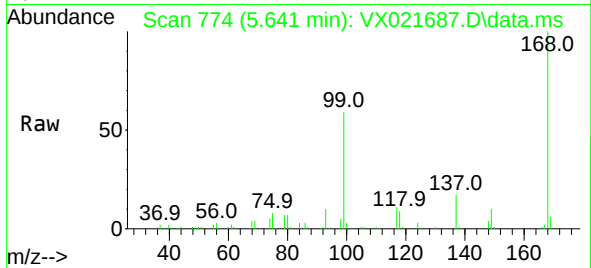
Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	285.6
98	47.6	0.0	129.6



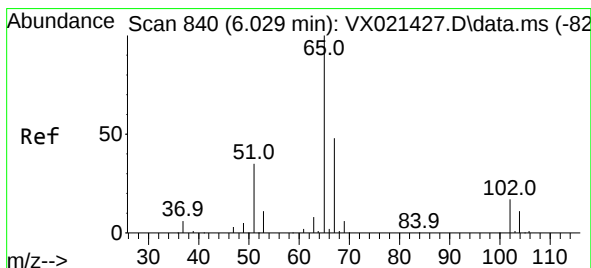
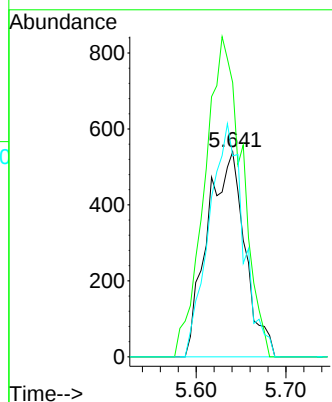
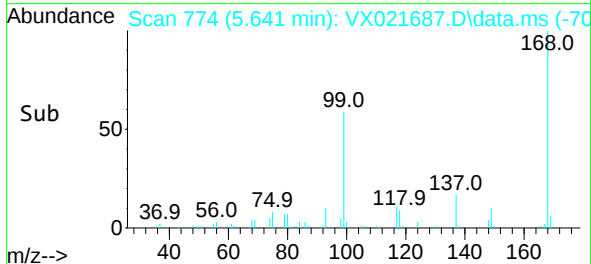


#31
Cyclohexane
Concen: 1.55 ug/l
RT: 5.641 min Scan# 774
Delta R.T. 0.094 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

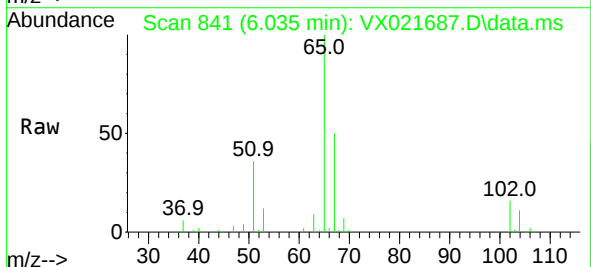
Instrument :
MSVOA_X
ClientSampled :



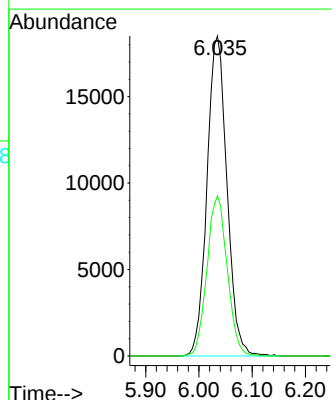
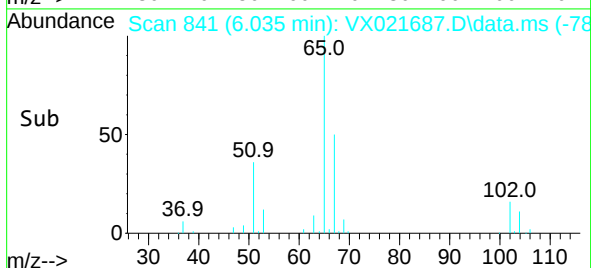
Tgt Ion: 56 Resp: 1569
Ion Ratio Lower Upper
56 100
69 133.7 25.3 37.9#
84 98.0 71.4 107.0

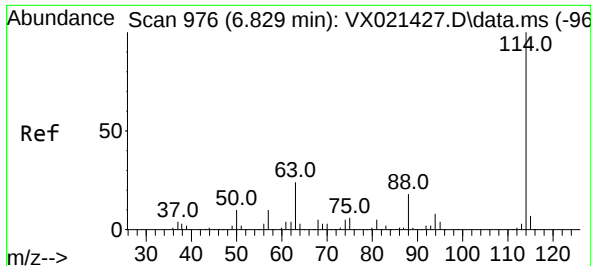


#33
1,2-Dichloroethane-d4
Concen: 52.24 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56



Tgt Ion: 65 Resp: 48044
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

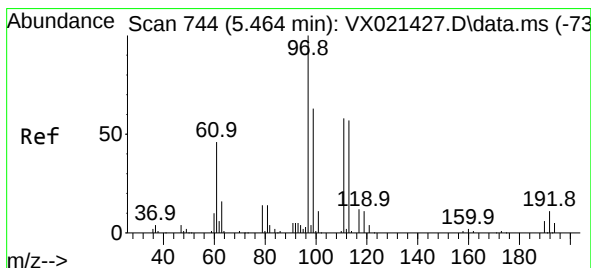
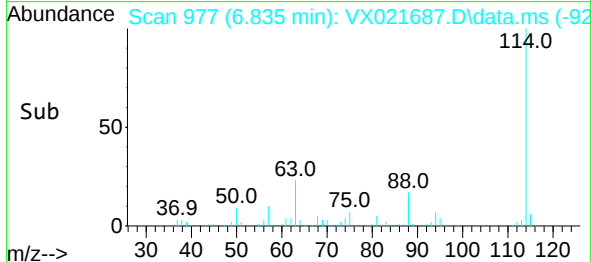
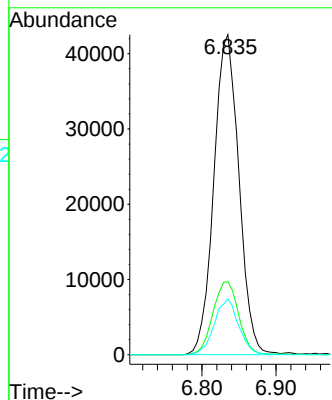
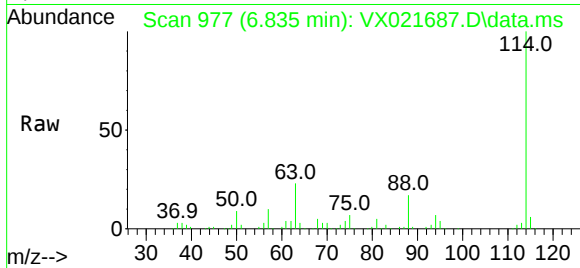




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

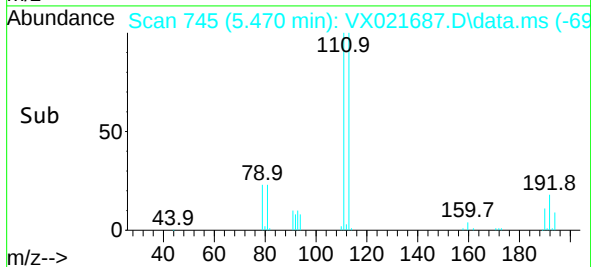
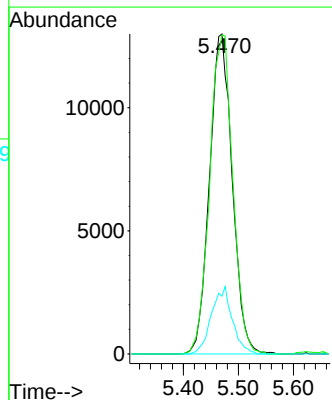
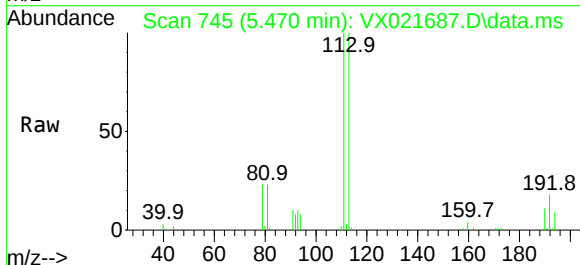
Instrument :
MSVOA_X
ClientSampled :

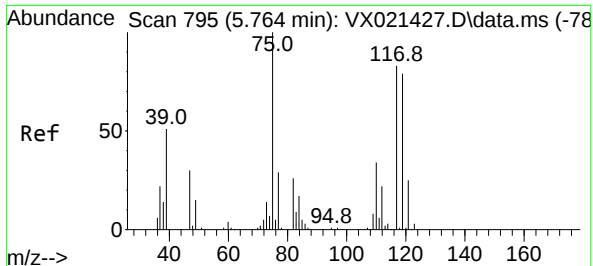
Tgt Ion:114 Resp: 99832
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 17.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.71 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

Tgt Ion:113 Resp: 37380
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.3 16.7 25.1

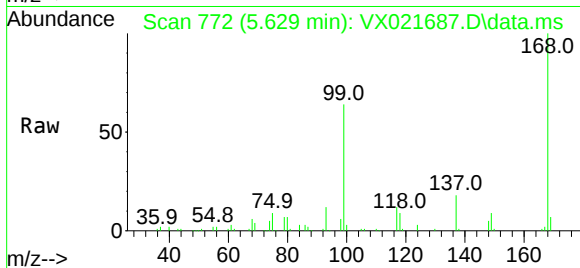




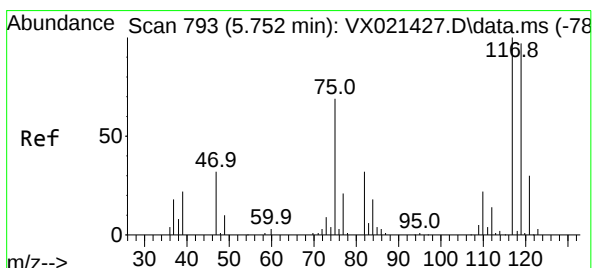
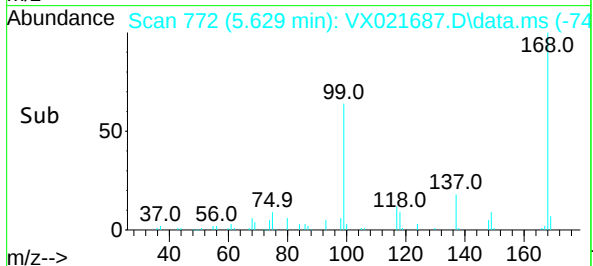
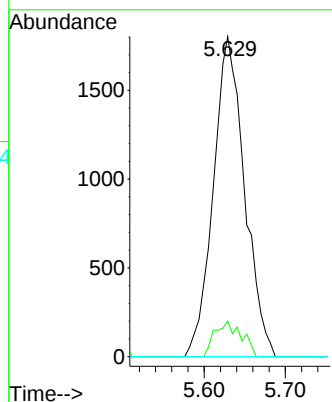
#36

1,1-Dichloropropene
Concen: 4.93 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

Instrument :
MSVOA_X
ClientSampleId :



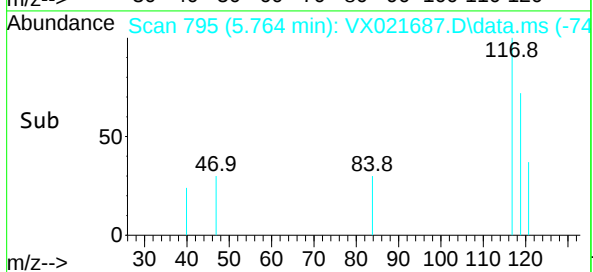
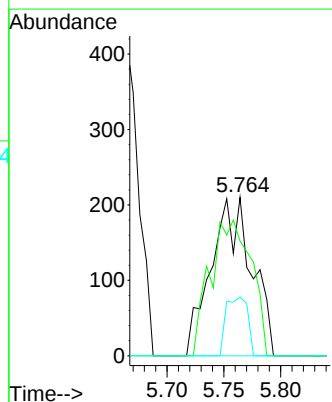
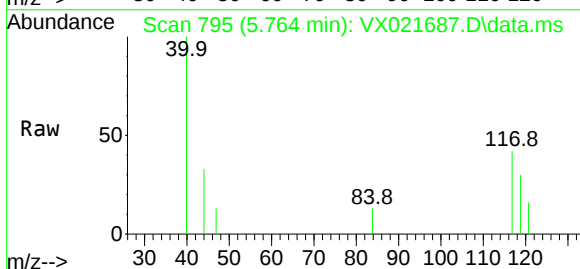
Tgt Ion: 75	Resp: 4818
Ion Ratio	Lower Upper
75 100	
110 9.5	18.1 54.4#
77 0.0	25.3 37.9#

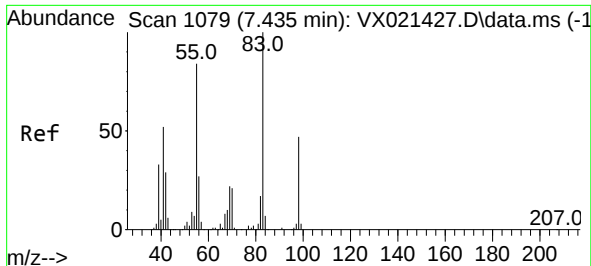


#38

Carbon Tetrachloride
Concen: 0.50 ug/l
RT: 5.764 min Scan# 795
Delta R.T. 0.012 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

Tgt Ion: 117	Resp: 522
Ion Ratio	Lower Upper
117 100	
119 72.4	76.2 114.2#
121 37.1	24.8 37.2





#39

Methylcyclohexane

Concen: 0.51 ug/l

RT: 7.188 min Scan# 1037

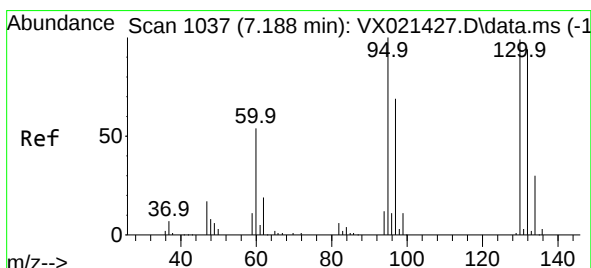
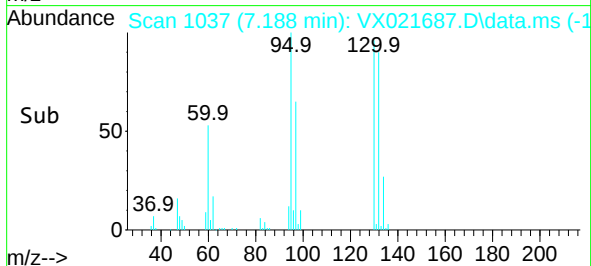
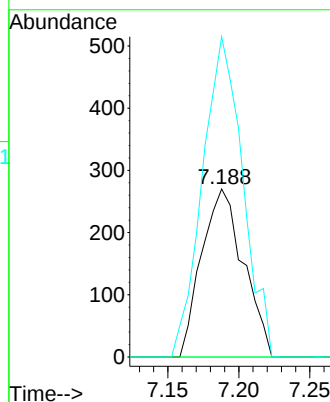
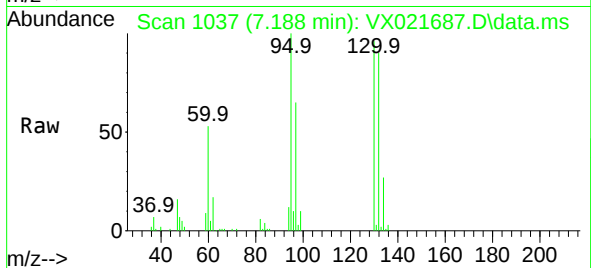
Delta R.T. -0.247 min

Lab File: VX021687.D

Acq: 31 Mar 2021 15:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83	Resp: 554
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 190.7	38.1 57.1#



#44

Trichloroethene

Concen: 50.39 ug/l

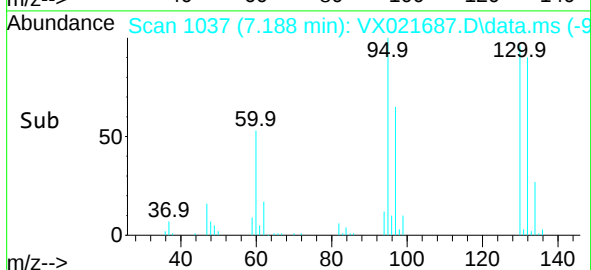
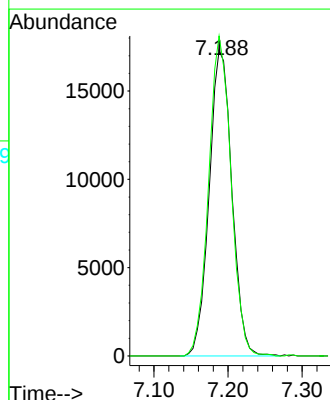
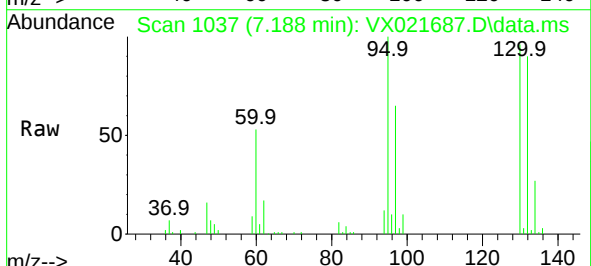
RT: 7.188 min Scan# 1037

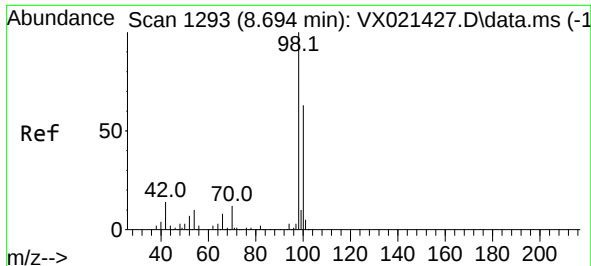
Delta R.T. -0.000 min

Lab File: VX021687.D

Acq: 31 Mar 2021 15:56

Tgt Ion: 130	Resp: 36933
Ion Ratio	Lower Upper
130 100	
95 104.7	0.0 198.0

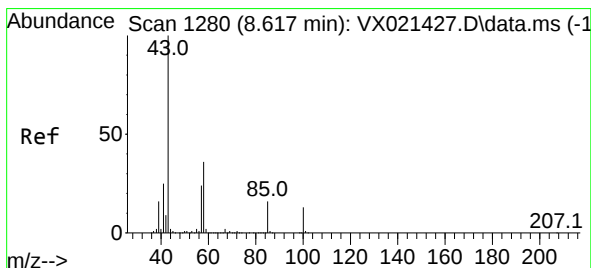
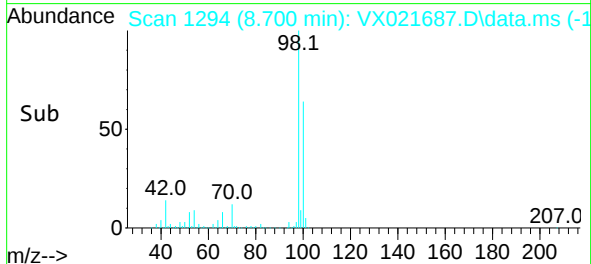
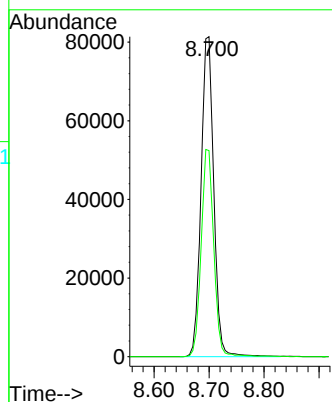
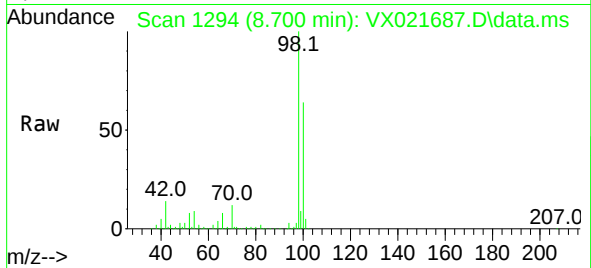




#50
Toluene-d8
Concen: 51.79 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

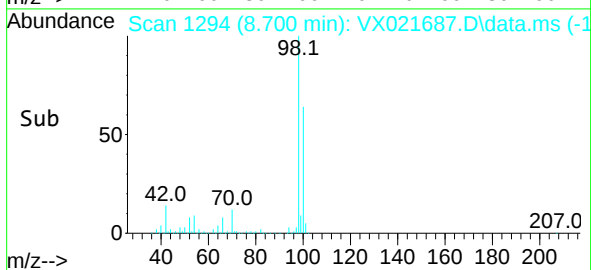
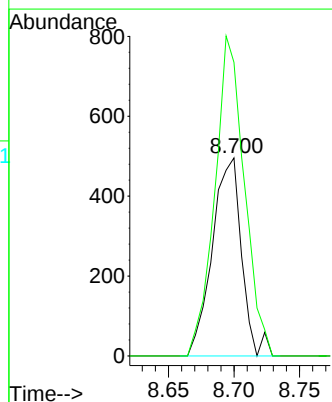
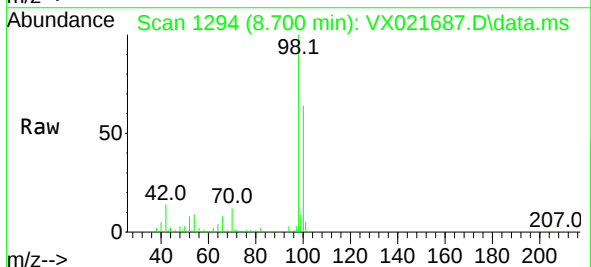
Instrument :
MSVOA_X
ClientSampled :

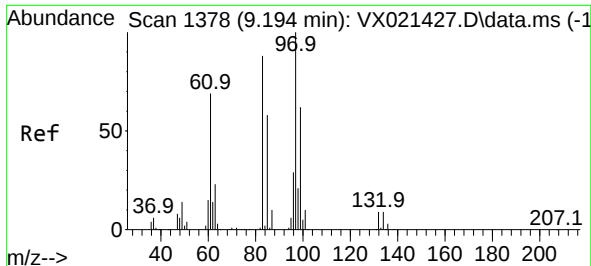
Tgt Ion: 98 Resp: 130866
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.083 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

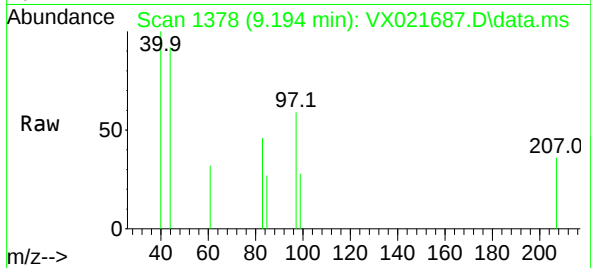
Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
58 163.2 35.4 53.0#



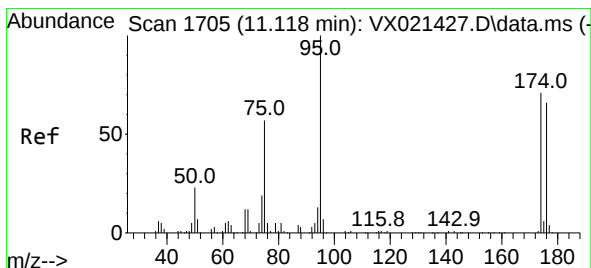
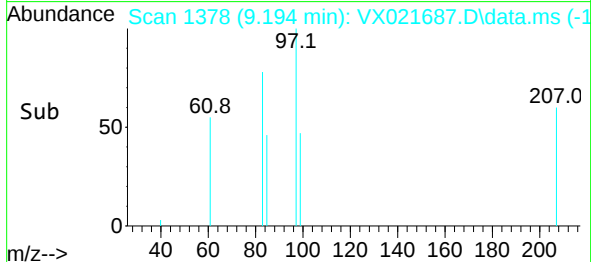
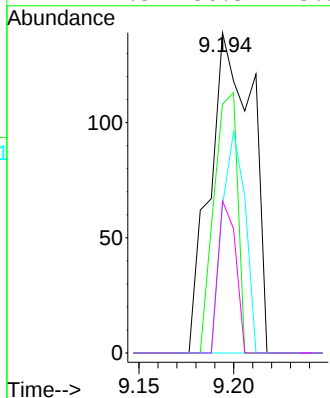


#55
1,1,2-Trichloroethane
Concen: 0.30 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

Instrument :
MSVOA_X
ClientSampled :

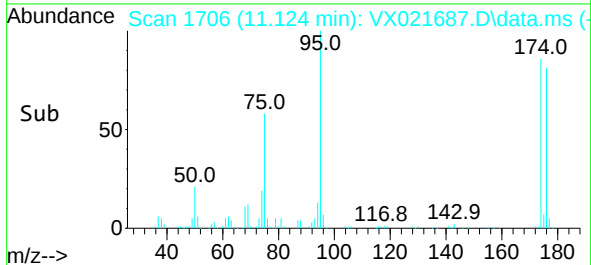
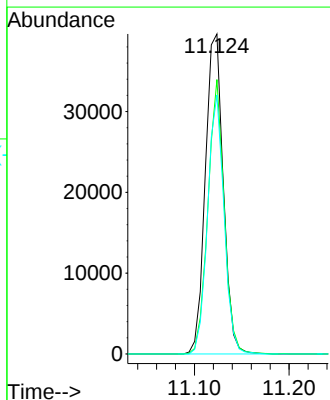
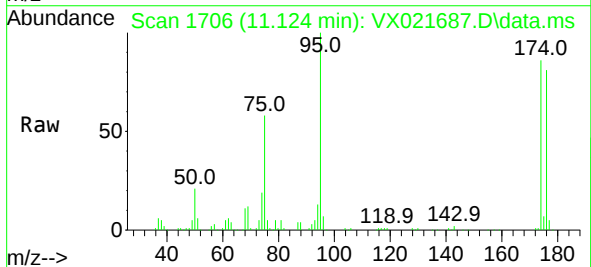


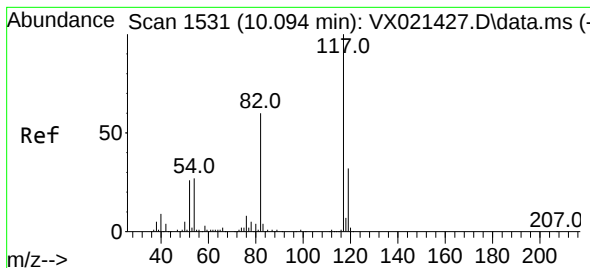
Tgt Ion:	97	Resp:	216
Ion	Ratio	Lower	Upper
97	100		
83	77.7	69.3	103.9
85	46.0	44.3	66.5
99	47.5	50.3	75.5#



#62
4-Bromofluorobenzene
Concen: 52.89 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

Tgt Ion:	95	Resp:	51967
Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	154.6
176	74.1	0.0	155.8

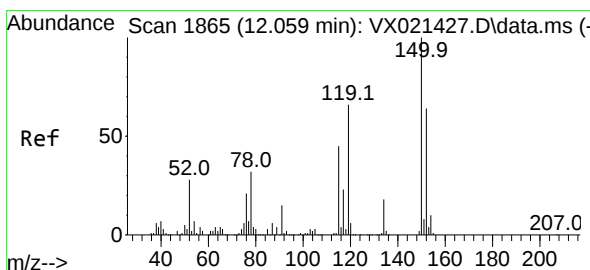
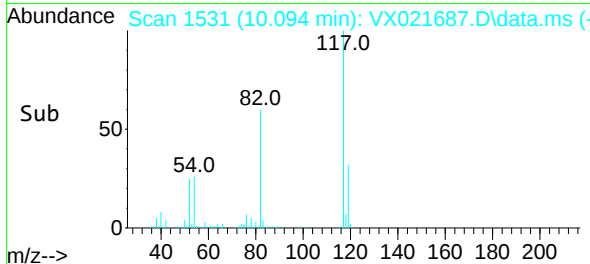
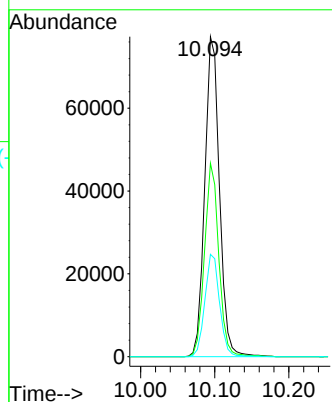
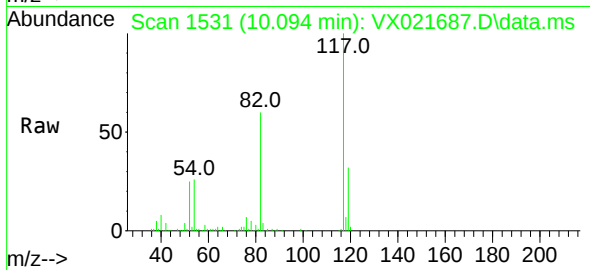




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

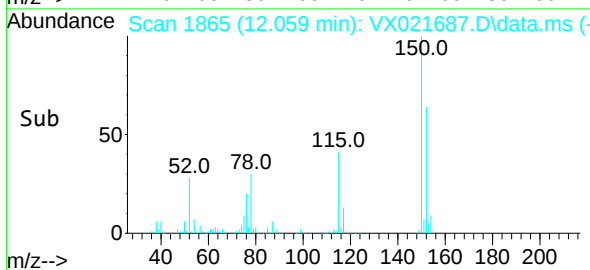
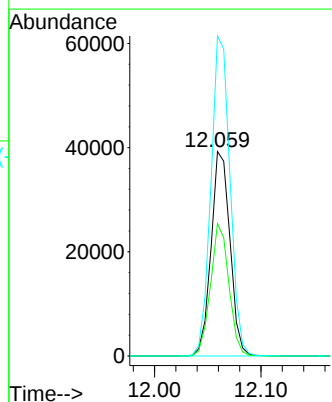
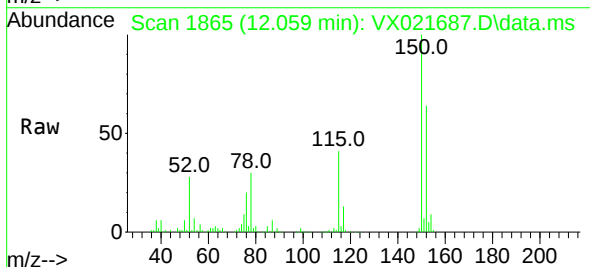
Instrument :
MSVOA_X
ClientSampleId :

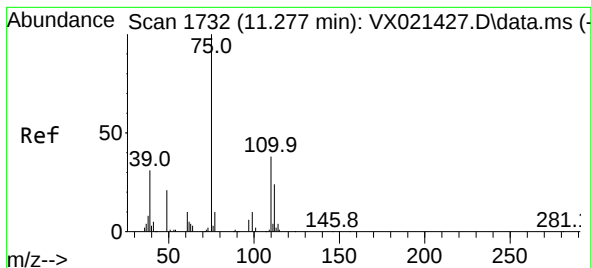
Tgt Ion:117 Resp: 106566
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

Tgt Ion:152 Resp: 48277
Ion Ratio Lower Upper
152 100
115 62.8 41.1 123.3
150 157.7 0.0 349.0

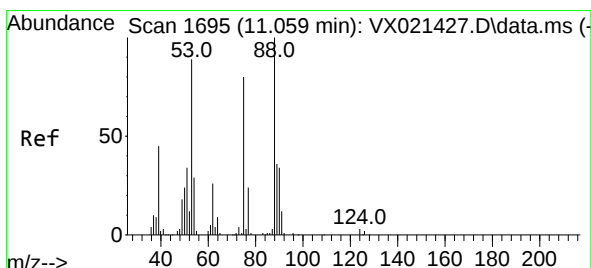
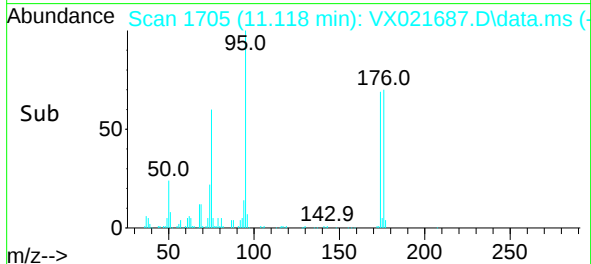
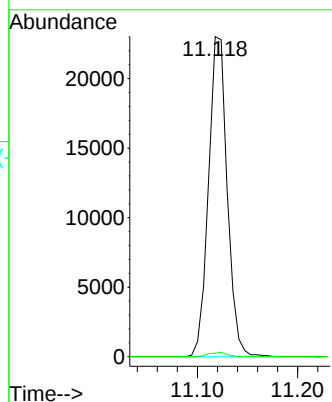
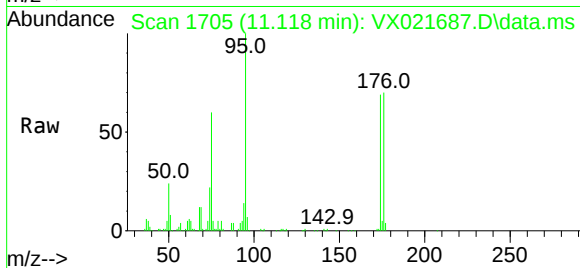




#76
1,2,3-Trichloropropane
Concen: 26.68 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 29991
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.28 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021687.D
Acq: 31 Mar 2021 15:56

Tgt Ion: 75 Resp: 29991
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

