

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021016.D
 Acq On : 04 Mar 2021 15:59
 Operator : JC/MD
 Sample : M1553-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 05 01:22:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

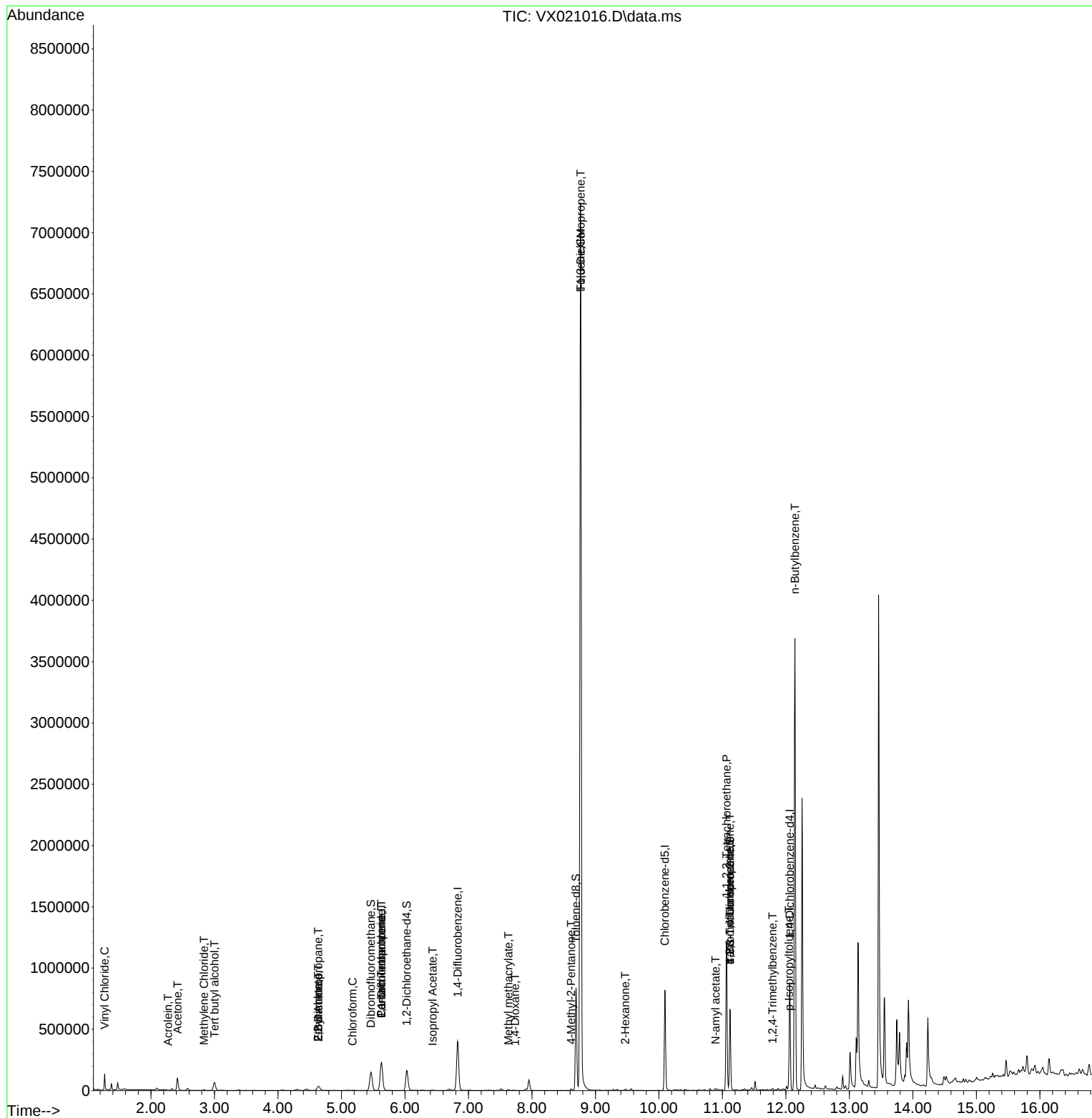
Internal Standards						
1) Pentafluorobenzene	5.629	168	225307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	414344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	382672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	178502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	152892	50.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.48%	
35) Dibromofluoromethane	5.464	113	132097	52.47	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.94%	
50) Toluene-d8	8.694	98	520732	53.05	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.10%	
62) 4-Bromofluorobenzene	11.118	95	192552	53.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.10%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.270	62	1027	0.33	ug/l #	43
5) Bromomethane	1.634	94	369	Below Cal	#	73
11) Tert butyl alcohol	2.999	59	64113	94.60	ug/l #	94
13) Acrolein	2.270	56	843	2.01	ug/l	92
16) Acetone	2.417	43	101842	81.21	ug/l	97
20) Methylene Chloride	2.834	84	2702	0.90	ug/l	96
25) 2-Butanone	4.635	43	30410	15.96	ug/l	99
26) 2,2-Dichloropropane	4.635	77	1665	0.38	ug/l #	52
30) Chloroform	5.176	83	2224	0.45	ug/l	96
36) 1,1-Dichloropropene	5.629	75	17512	4.45	ug/l #	48
37) Ethyl Acetate	4.635	43	30309	8.09	ug/l #	66
38) Carbon Tetrachloride	5.629	117	21377	5.60	ug/l #	16
43) Isopropyl Acetate	6.435	43	1712	0.27	ug/l #	57
48) Methyl methacrylate	7.629	41	1679	0.53	ug/l #	35
49) 1,4-Dioxane	7.735	88	18	0.24	ug/l #	1
51) 4-Methyl-2-Pentanone	8.618	43	7052	1.90	ug/l	96
52) Toluene	8.765	92	2908563	395.64	ug/l	95
53) t-1,3-Dichloropropene	8.765	75	31756	6.83	ug/l #	1
59) 2-Hexanone	9.471	43	5543	1.99	ug/l	99
74) N-amyl acetate	10.894	43	2016	0.35	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	11.065	83	42094	9.26	ug/l #	27
76) 1,2,3-Trichloropropane	11.118	75	90100	23.46	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	90100	51.95	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.789	105	2552	0.21	ug/l #	51
86) p-Isopropyltoluene	12.047	119	33654	2.73	ug/l	98
89) n-Butylbenzene	12.142	91	30842	2.80	ug/l	75

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
Data File : VX021016.D
Acq On : 04 Mar 2021 15:59
Operator : JC/MD
Sample : M1553-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 05 01:22:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

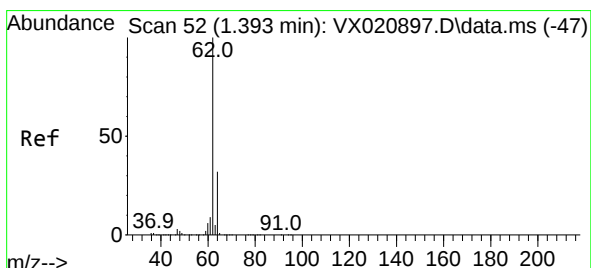
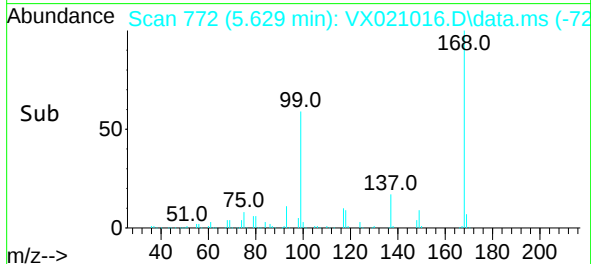
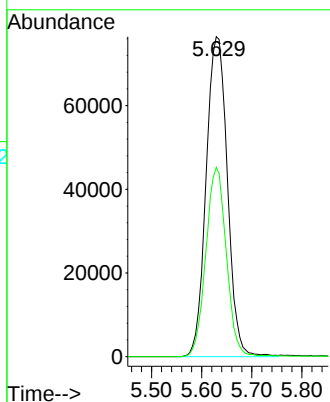
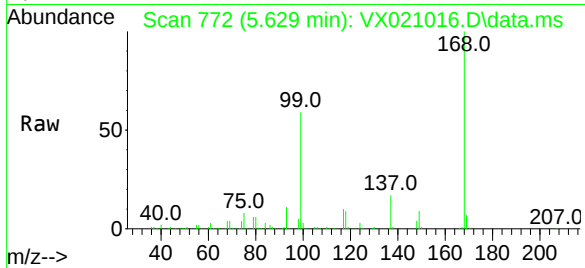




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

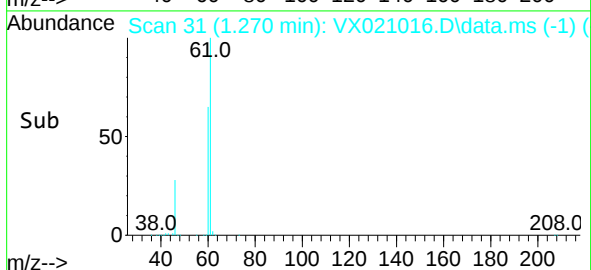
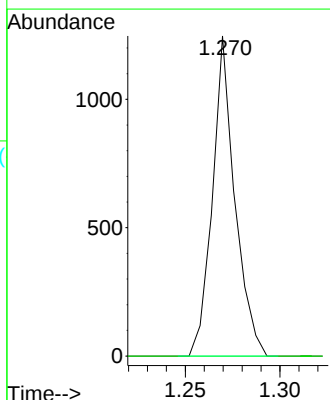
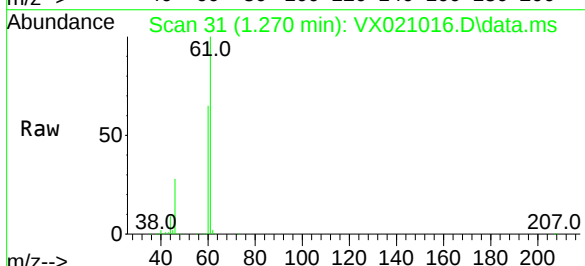
Instrument :
MSVOA_X
ClientSampleId :

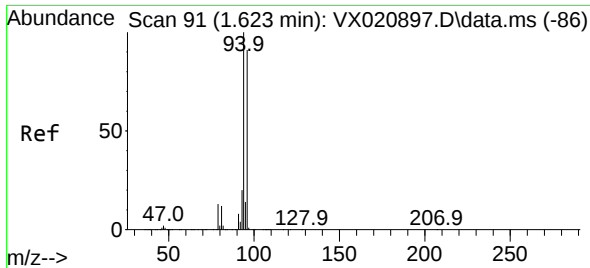
Tgt Ion:168 Resp: 225307
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#4
Vinyl Chloride
Concen: 0.33 ug/l
RT: 1.270 min Scan# 31
Delta R.T. -0.124 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 62 Resp: 1027
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

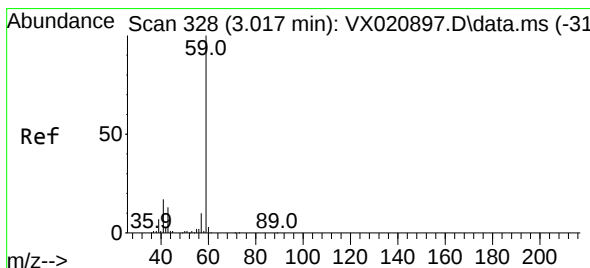
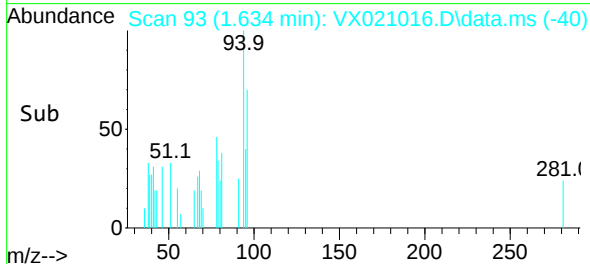
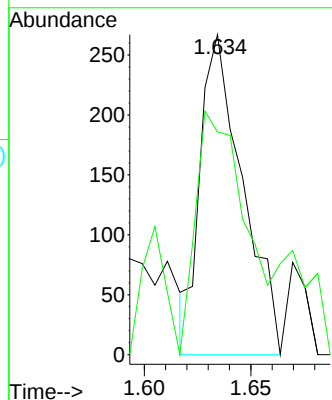
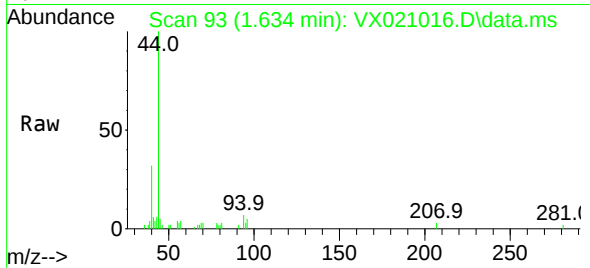




#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

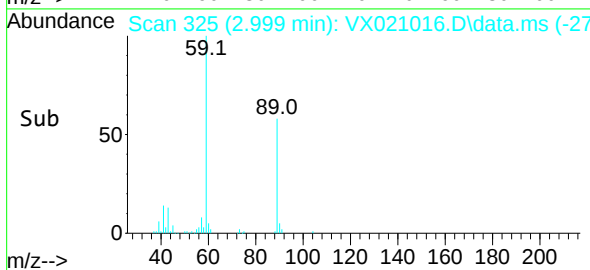
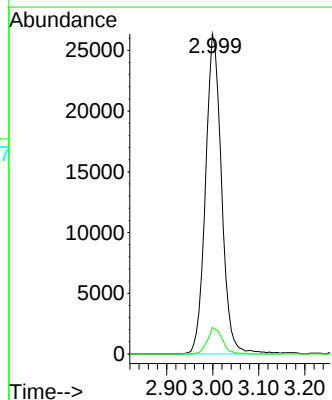
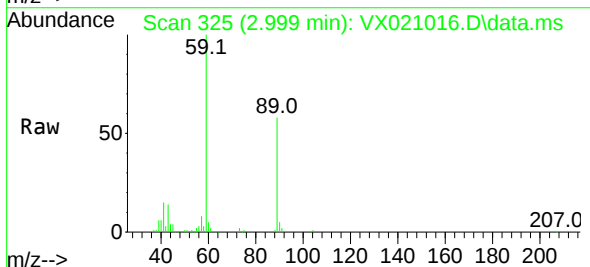
Instrument :
MSVOA_X
ClientSampleId :

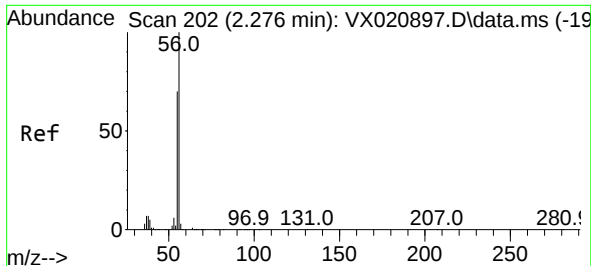
Tgt Ion: 94 Resp: 369
Ion Ratio Lower Upper
94 100
96 69.7 76.4 114.6#



#11
Tert butyl alcohol
Concen: 94.60 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 59 Resp: 64113
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.8#

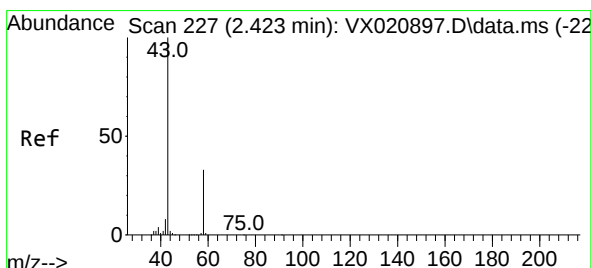
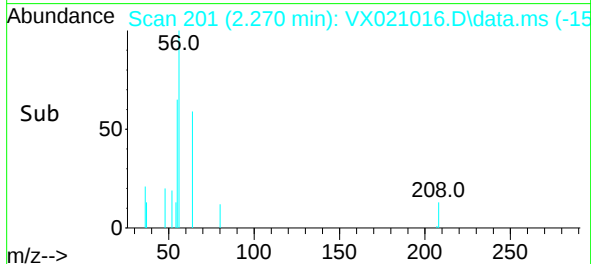
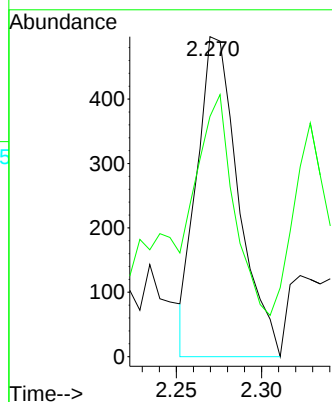
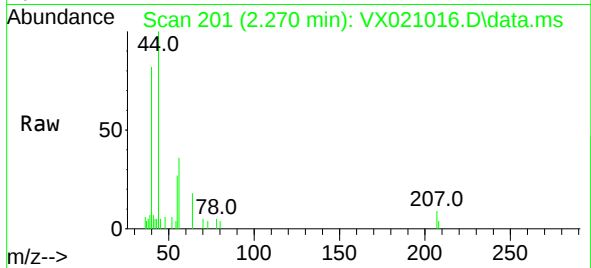




#13
Acrolein
Concen: 2.01 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

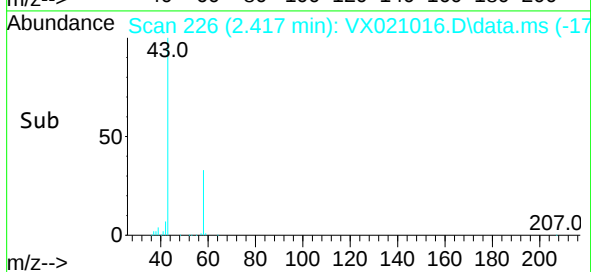
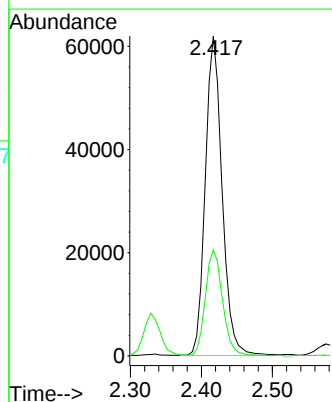
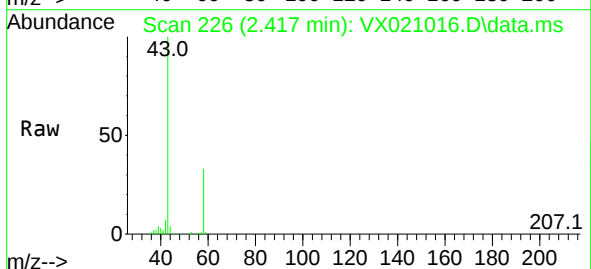
Instrument :
MSVOA_X
ClientSampleId :

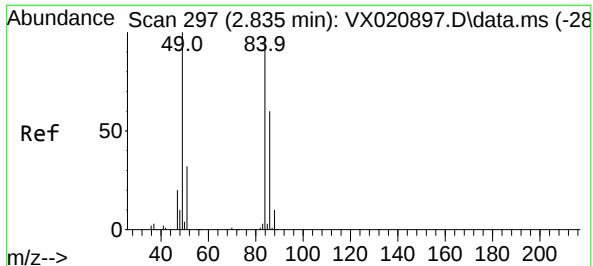
Tgt Ion: 56 Resp: 843
Ion Ratio Lower Upper
56 100
55 63.6 56.4 84.6



#16
Acetone
Concen: 81.21 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

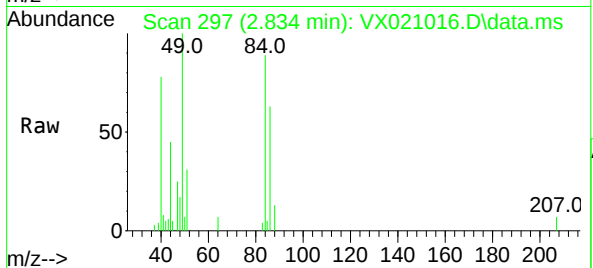
Tgt Ion: 43 Resp: 101842
Ion Ratio Lower Upper
43 100
58 33.1 27.8 41.8





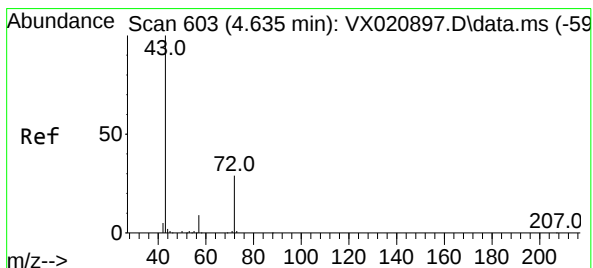
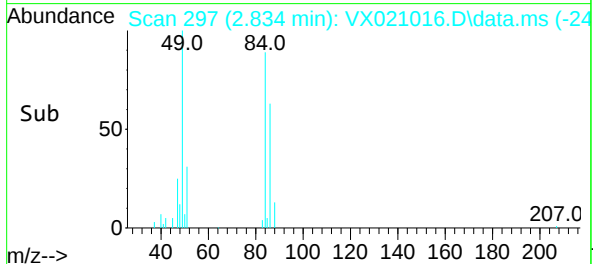
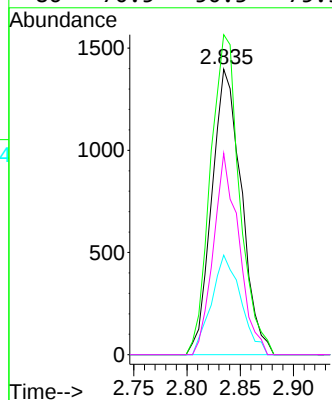
#20
Methylene Chloride
Concen: 0.90 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 2702

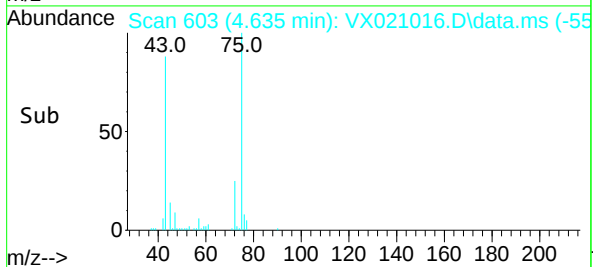
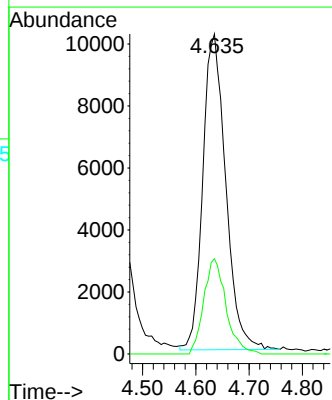
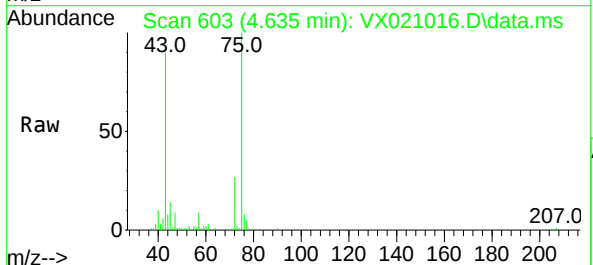
Ion	Ratio	Lower	Upper
84	100		
49	112.1	88.6	132.8
51	34.9	27.0	40.6
86	70.5	50.3	75.5

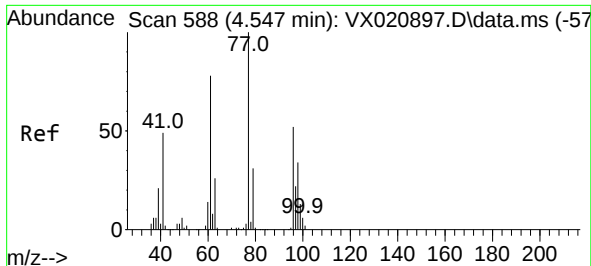


#25
2-Butanone
Concen: 15.96 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 43 Resp: 30410

Ion	Ratio	Lower	Upper
43	100		
72	30.2	23.7	35.5

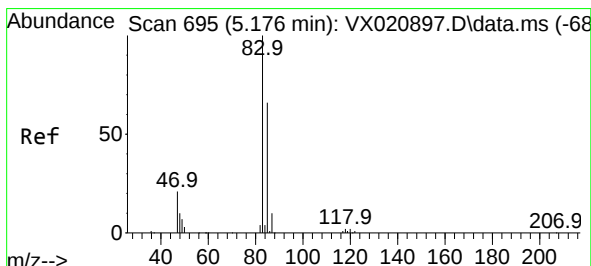
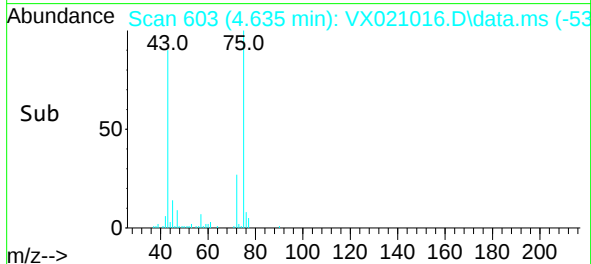
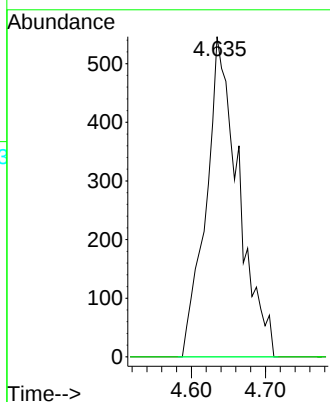
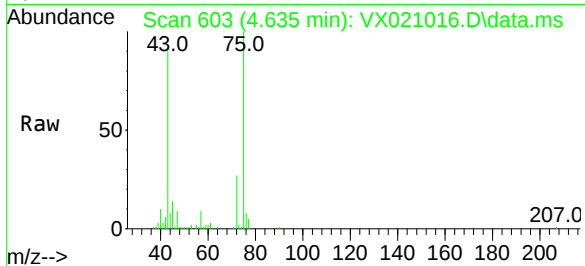




#26
2,2-Dichloropropane
Concen: 0.38 ug/l
RT: 4.635 min Scan# 603
Delta R.T. 0.088 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

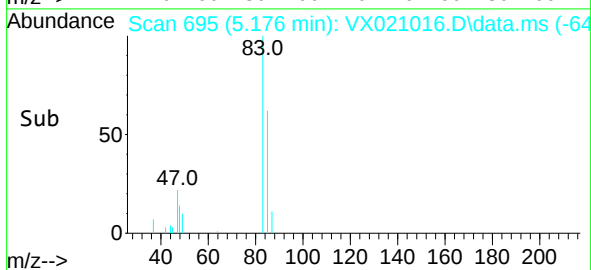
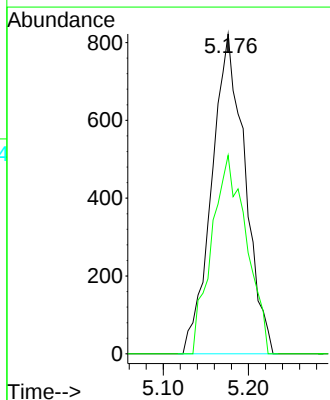
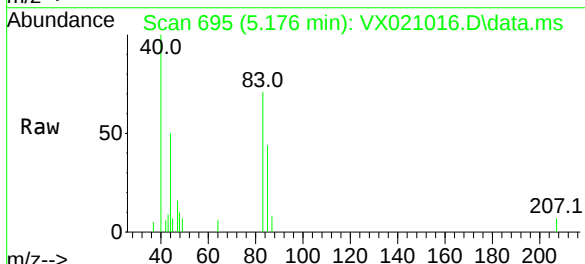
Instrument :
MSVOA_X
ClientSampled :

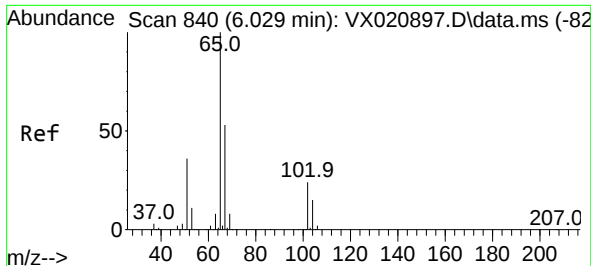
Tgt Ion: 77 Resp: 1665
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#30
Chloroform
Concen: 0.45 ug/l
RT: 5.176 min Scan# 695
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 83 Resp: 2224
Ion Ratio Lower Upper
83 100
85 62.0 52.0 78.0

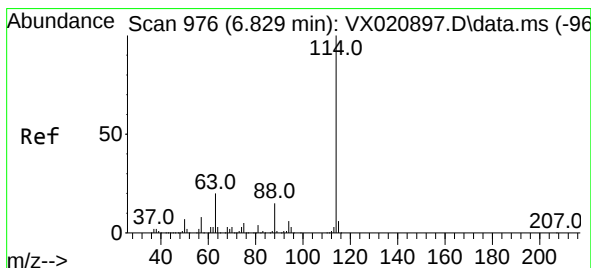
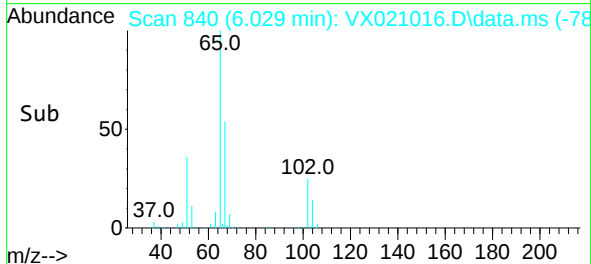
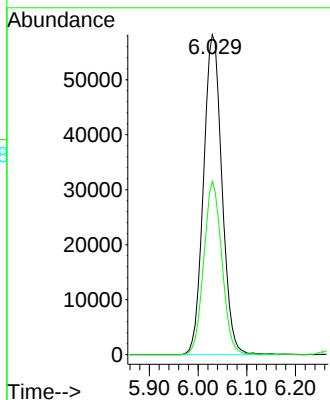
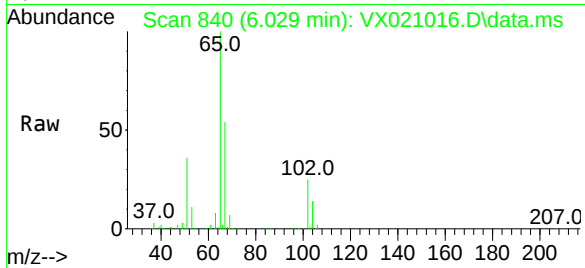




#33
1,2-Dichloroethane-d4
Concen: 50.24 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

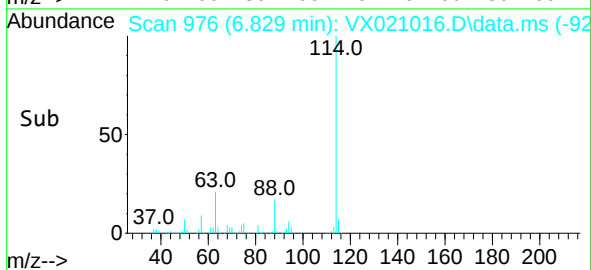
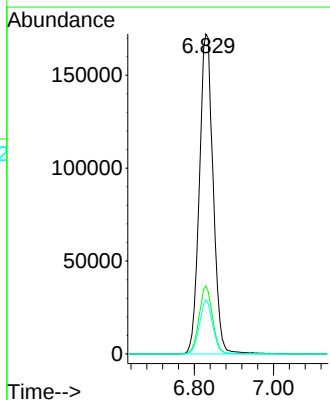
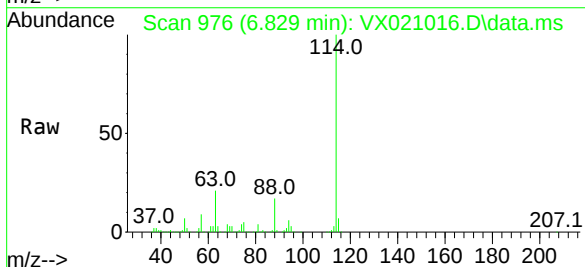
Instrument :
MSVOA_X
ClientSampleId :

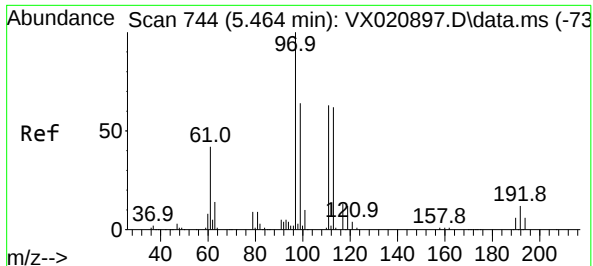
Tgt Ion: 65 Resp: 152892
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 114 Resp: 414344
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 17.0 0.0 32.8

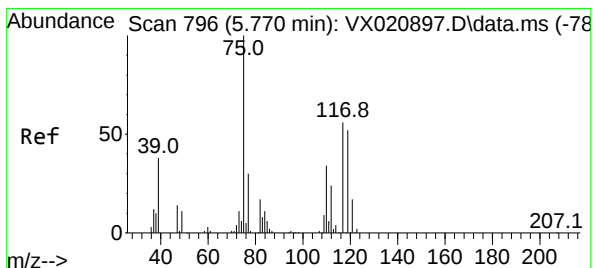
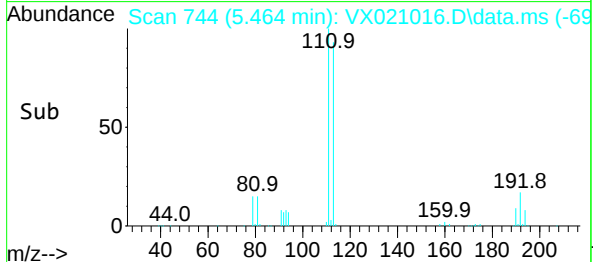
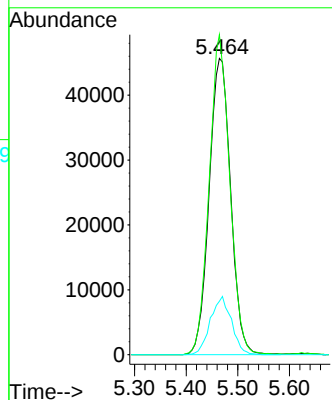
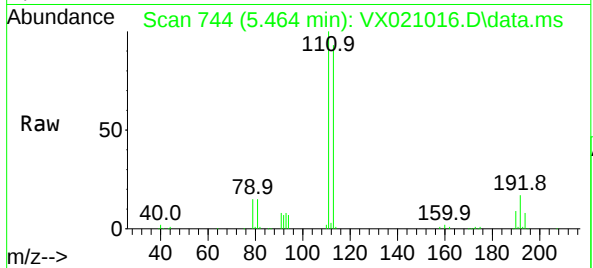




#35
Dibromofluoromethane
Concen: 52.47 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

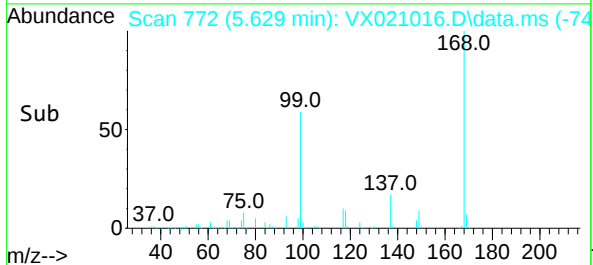
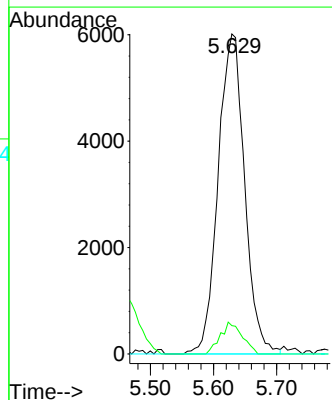
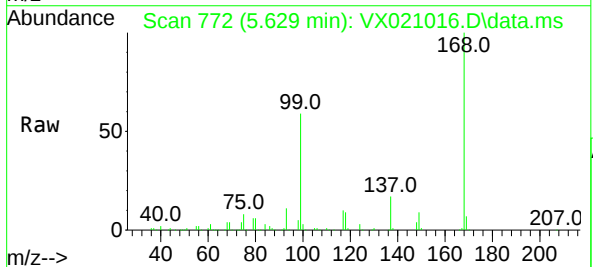
Instrument :
MSVOA_X
ClientSampleId :

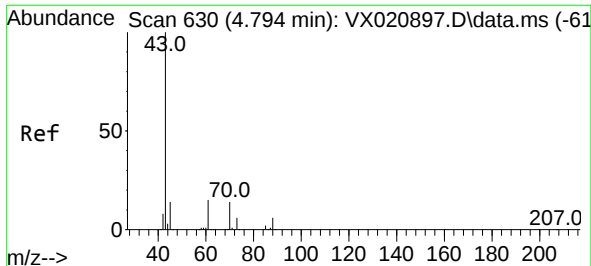
Tgt Ion:113 Resp: 132097
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 75 Resp: 17512
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

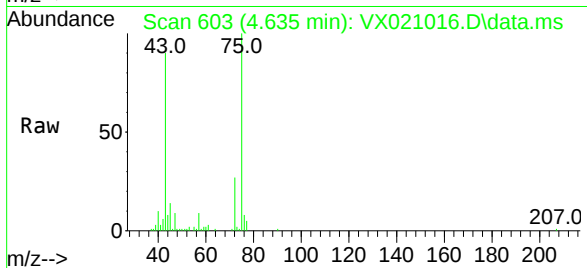
Concen: 8.09 ug/l

RT: 4.635 min Scan# 603

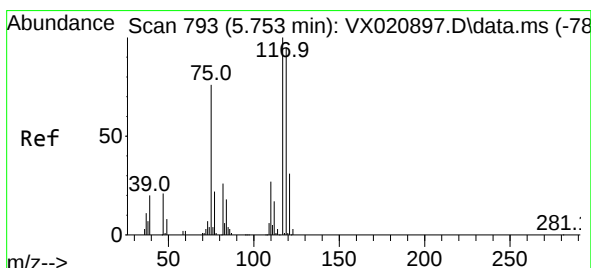
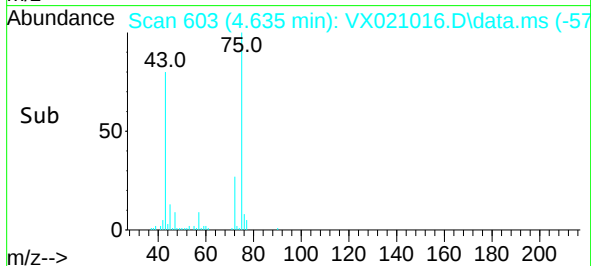
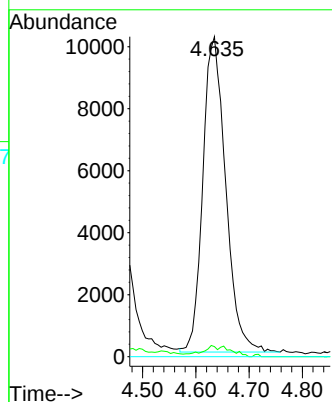
Delta R.T. -0.159 min

Lab File: VX021016.D

Acq: 04 Mar 2021 15:59



Tgt Ion:	43	Resp:	30309
Ion	Ratio	Lower	Upper
43	100		
61	1.2	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

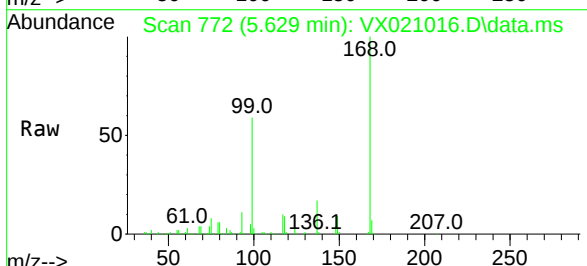
Concen: 5.60 ug/l

RT: 5.629 min Scan# 772

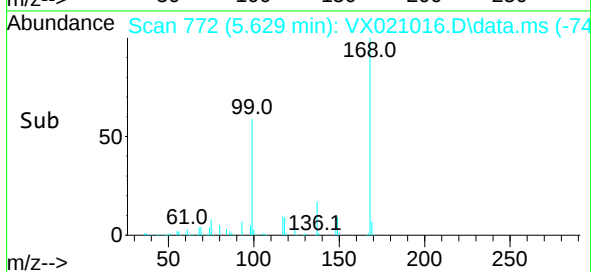
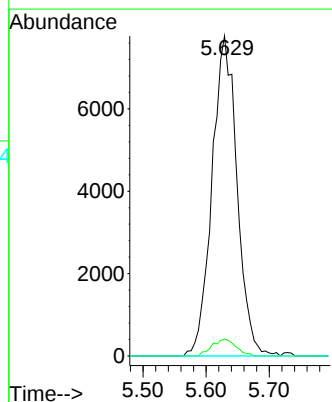
Delta R.T. -0.124 min

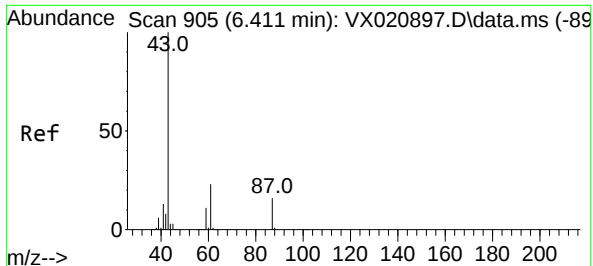
Lab File: VX021016.D

Acq: 04 Mar 2021 15:59



Tgt Ion:	117	Resp:	21377
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	24.8	37.2#

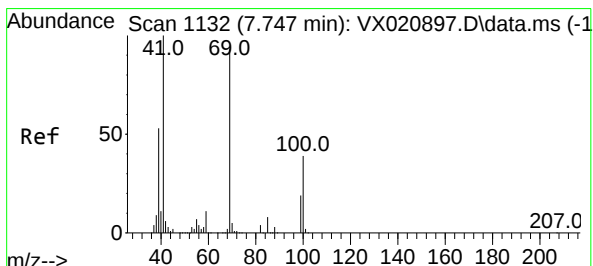
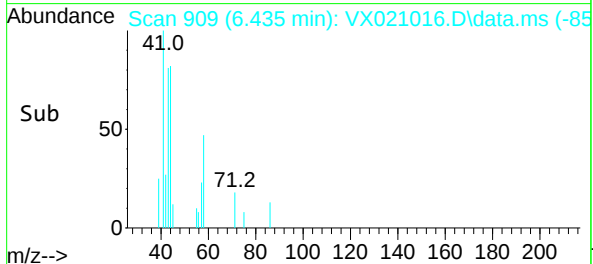
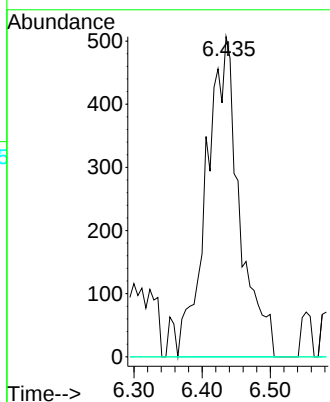
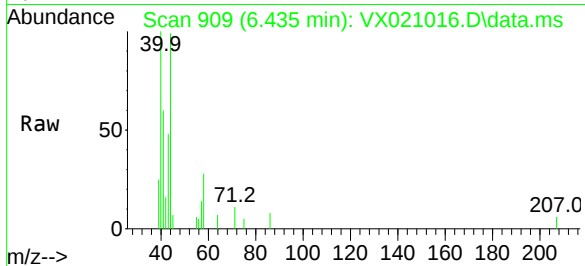




#43
Isopropyl Acetate
Concen: 0.27 ug/l
RT: 6.435 min Scan# 909
Delta R.T. 0.024 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

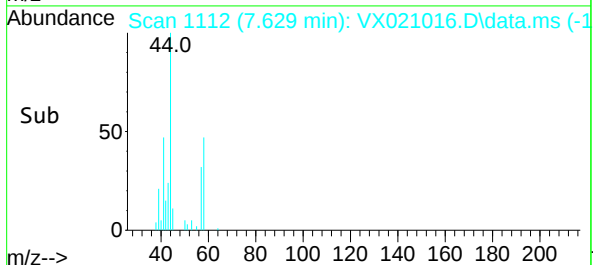
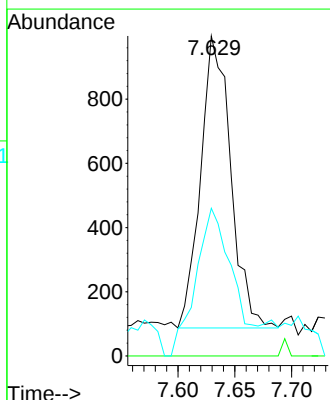
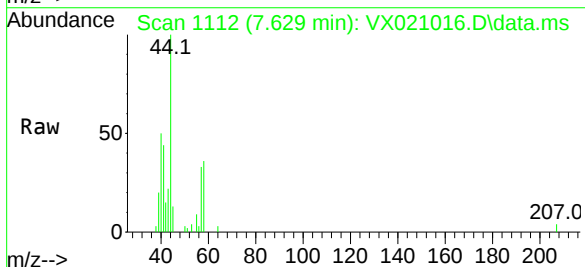
Instrument :
MSVOA_X
ClientSampleId :

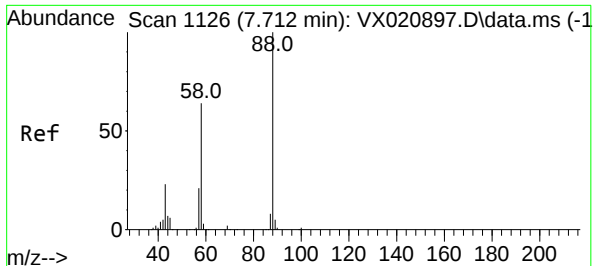
Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#48
Methyl methacrylate
Concen: 0.53 ug/l
RT: 7.629 min Scan# 1112
Delta R.T. -0.118 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 41 Resp: 1679
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 62.8 44.6 67.0

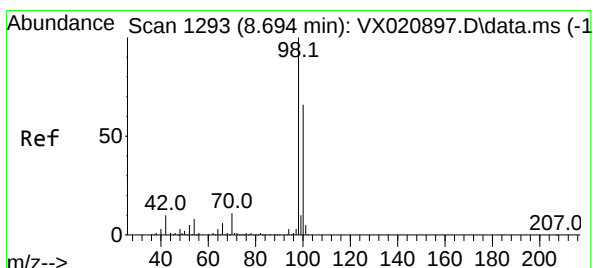
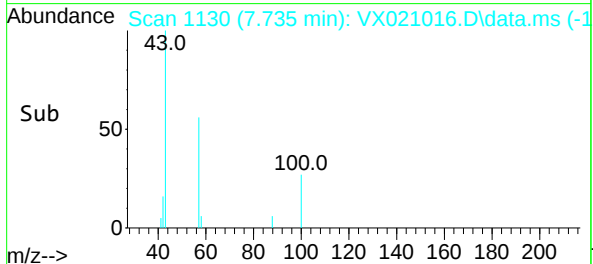
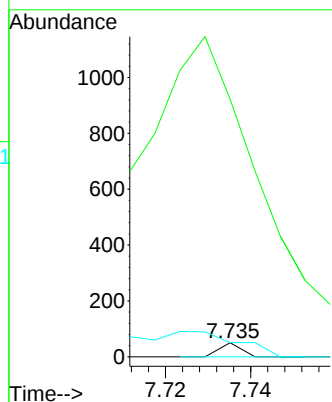
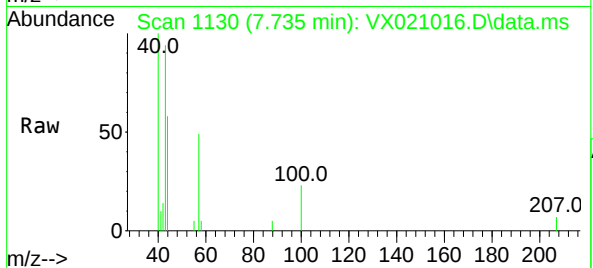




#49
1,4-Dioxane
Concen: 0.24 ug/l
RT: 7.735 min Scan# 1130
Delta R.T. 0.024 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

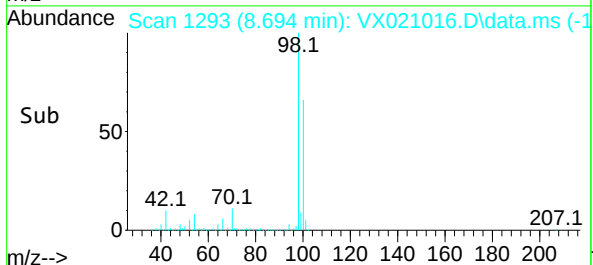
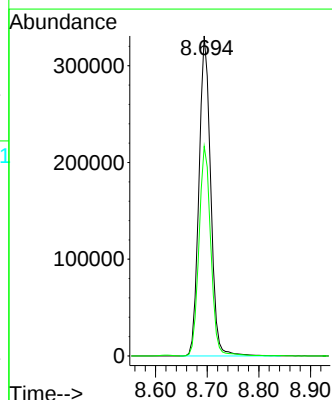
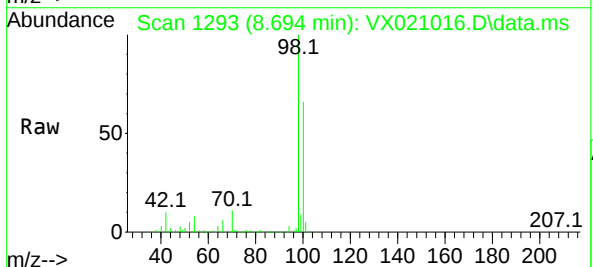
Instrument :
MSVOA_X
ClientSampled :

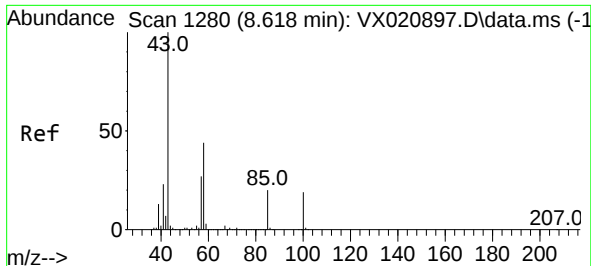
Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 12311.1 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 53.05 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 98 Resp: 520732
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

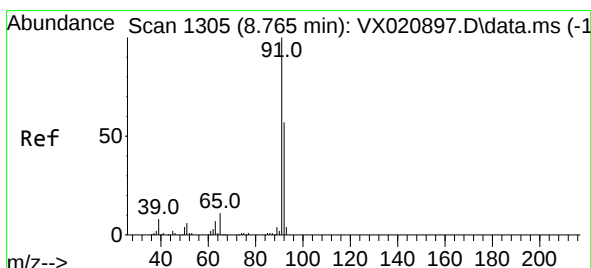
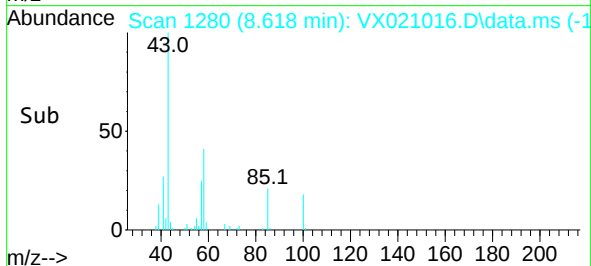
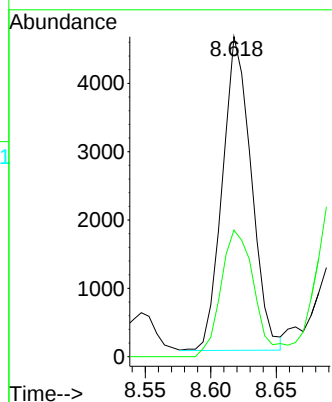
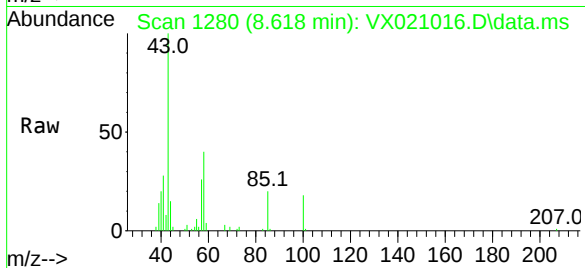




#51
4-Methyl-2-Pentanone
Concen: 1.90 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

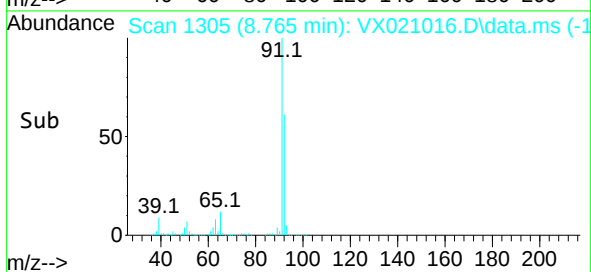
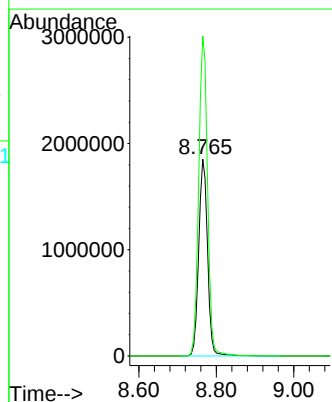
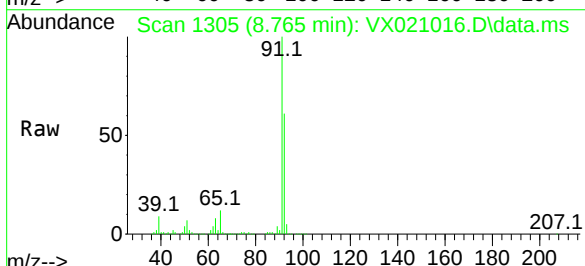
Instrument :
MSVOA_X
ClientSampled :

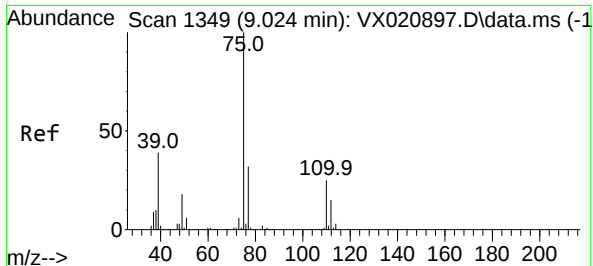
Tgt Ion: 43 Resp: 7052
Ion Ratio Lower Upper
43 100
58 46.9 35.4 53.0



#52
Toluene
Concen: 395.64 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 92 Resp: 2908563
Ion Ratio Lower Upper
92 100
91 164.4 137.1 205.7

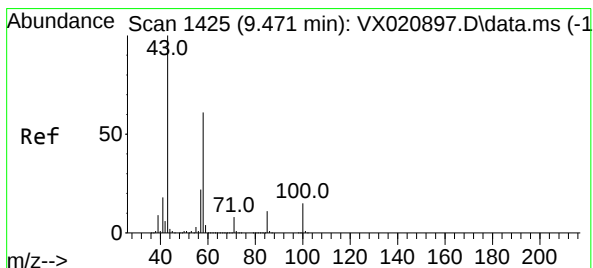
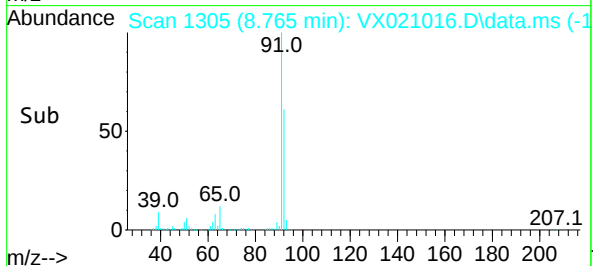
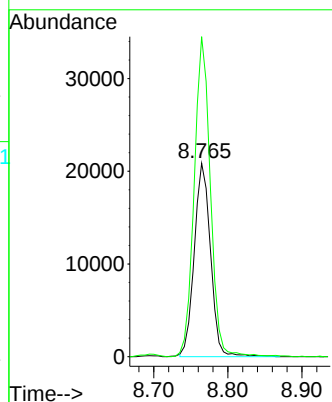
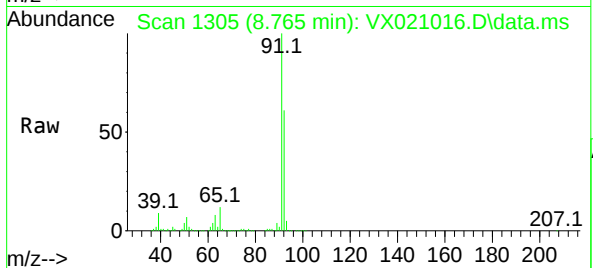




#53
t-1,3-Dichloropropene
Concen: 6.83 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.259 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

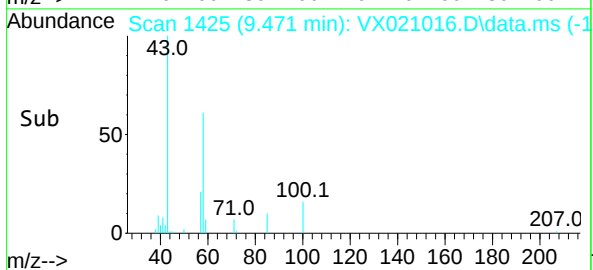
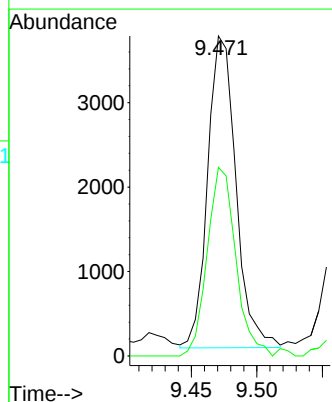
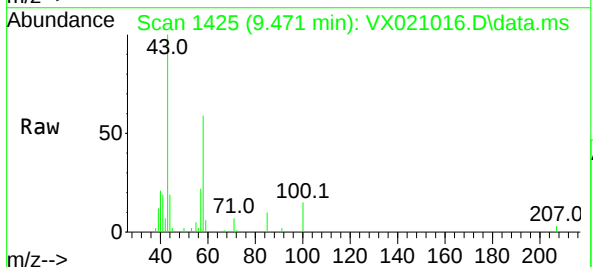
Instrument :
MSVOA_X
ClientSampled :

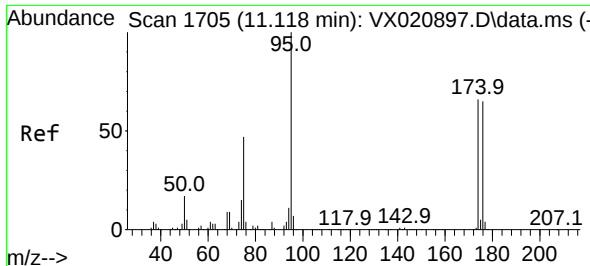
Tgt Ion: 75 Resp: 31756
Ion Ratio Lower Upper
75 100
77 165.0 24.9 37.3#



#59
2-Hexanone
Concen: 1.99 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 43 Resp: 5543
Ion Ratio Lower Upper
43 100
58 60.9 30.9 92.8

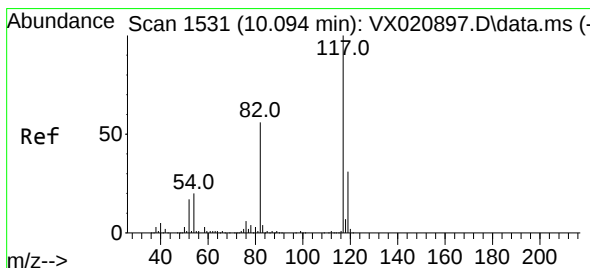
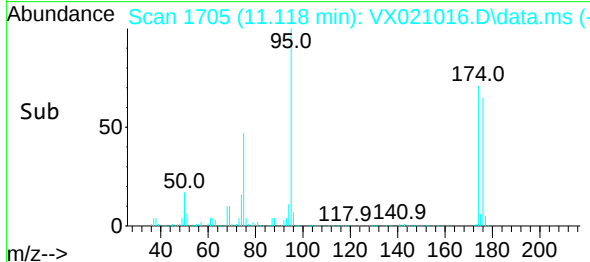
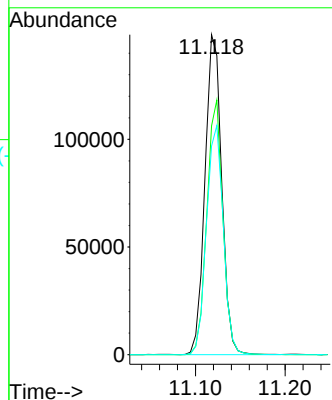
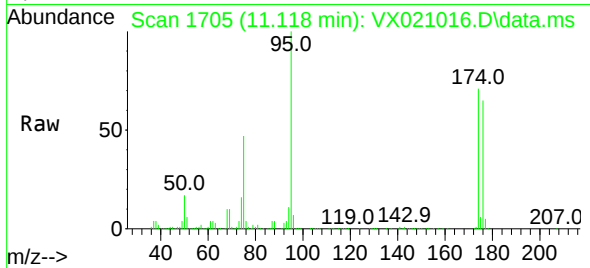




#62
4-Bromofluorobenzene
Concen: 53.05 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

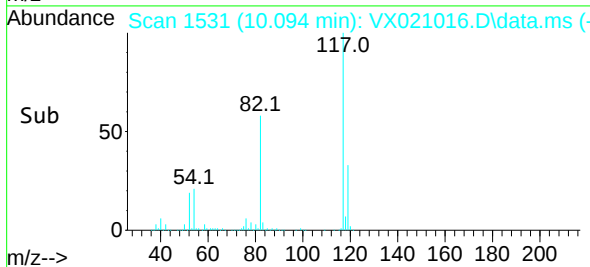
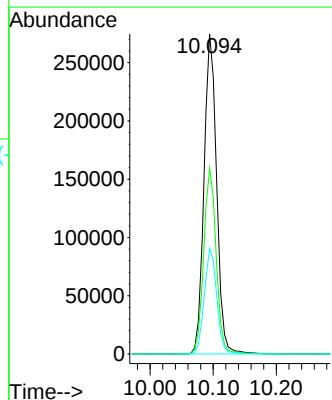
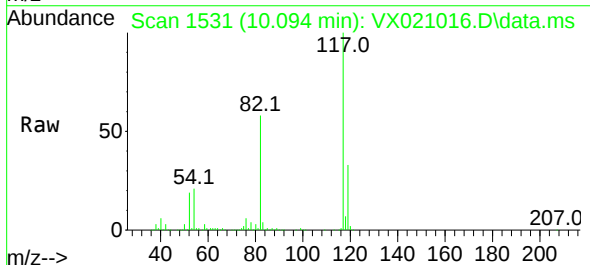
Instrument :
MSVOA_X
ClientSampleId :

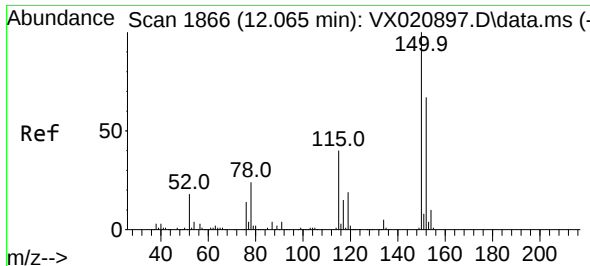
Tgt Ion: 95 Resp: 192552
Ion Ratio Lower Upper
95 100
174 76.1 0.0 154.6
176 72.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 117 Resp: 382672
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 33.0 26.6 39.8

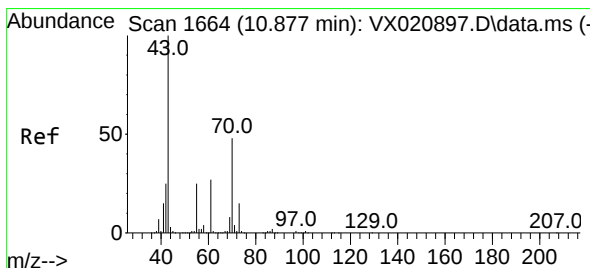
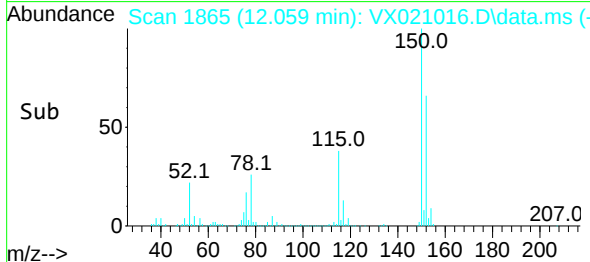
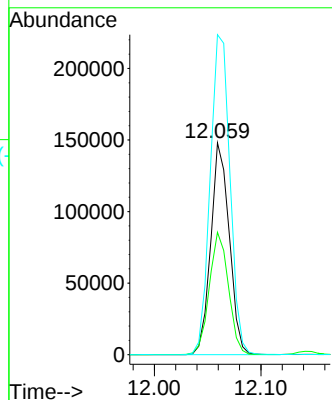
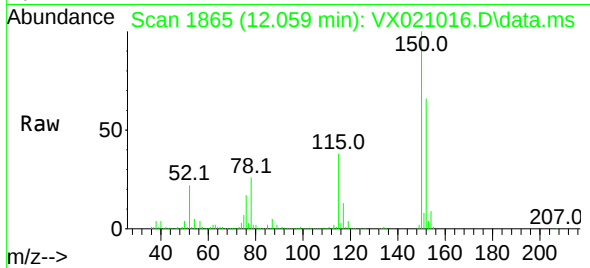




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

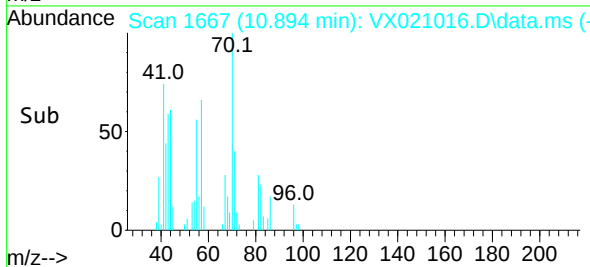
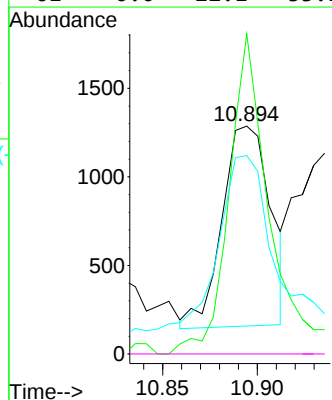
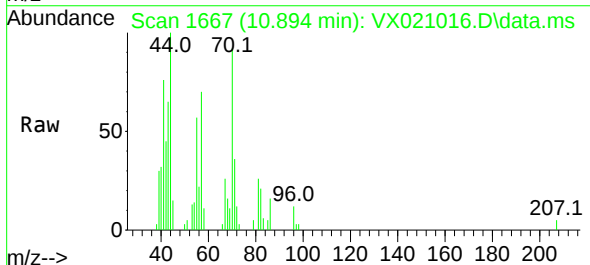
Instrument :
MSVOA_X
ClientSampleId :

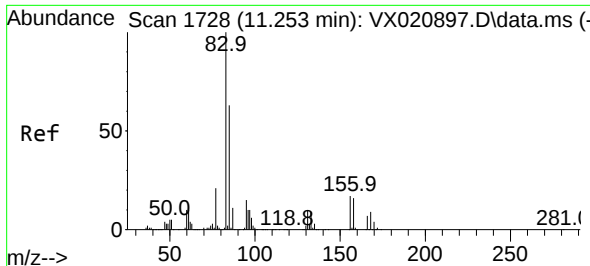
Tgt Ion:152 Resp: 178502
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 161.2 0.0 349.0



#74
N-ethyl acetate
Concen: 0.35 ug/l
RT: 10.894 min Scan# 1667
Delta R.T. 0.018 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 43 Resp: 2016
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

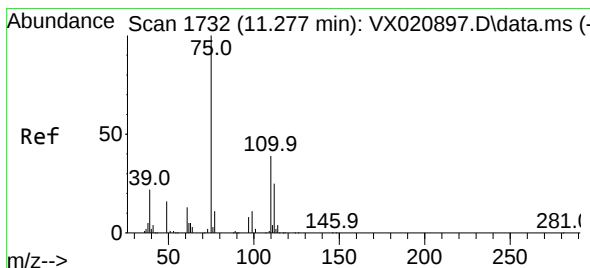
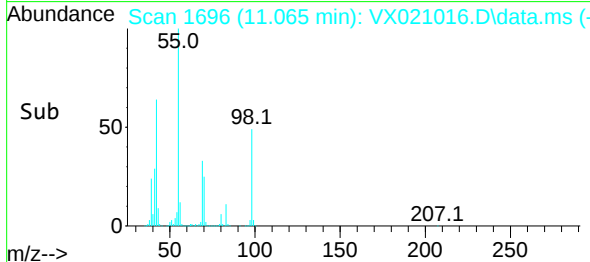
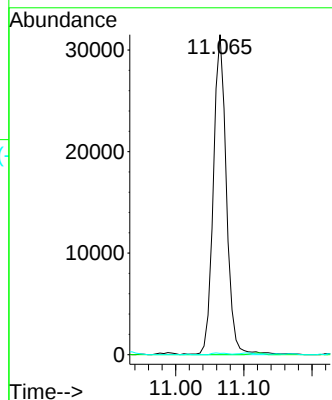
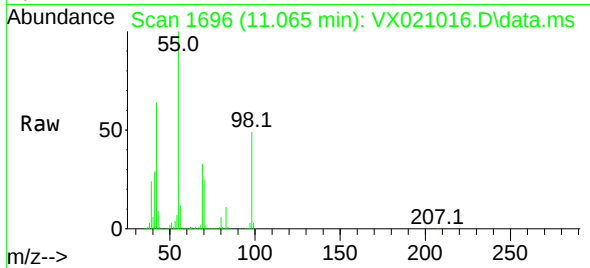




#75
1,1,2,2-Tetrachloroethane
Concen: 9.26 ug/l
RT: 11.065 min Scan# 1696
Delta R.T. -0.188 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

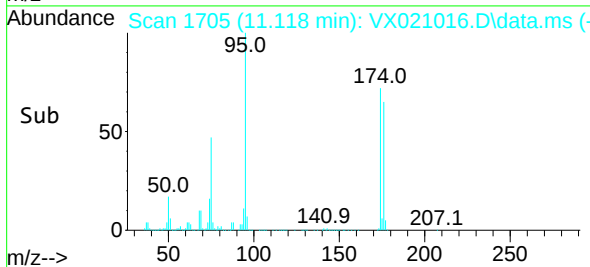
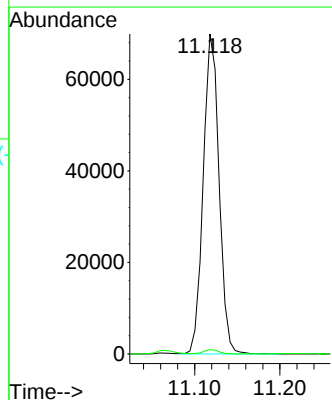
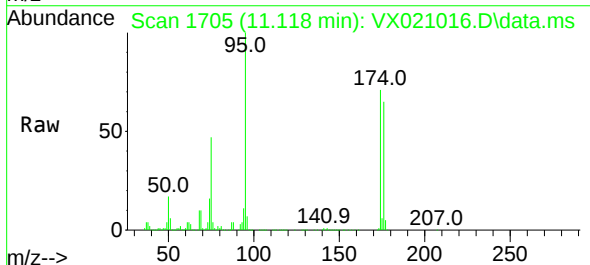
Instrument :
MSVOA_X
ClientSampled :

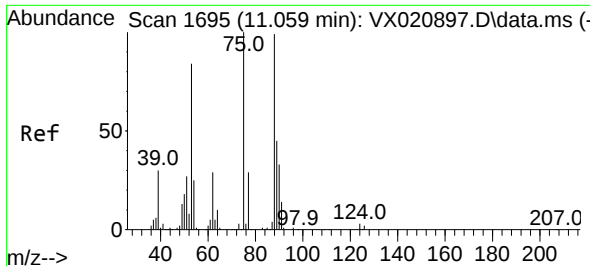
Tgt Ion: 83 Resp: 42094
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.2#
85 0.6 31.8 95.4#



#76
1,2,3-Trichloropropane
Concen: 23.46 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 75 Resp: 90100
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

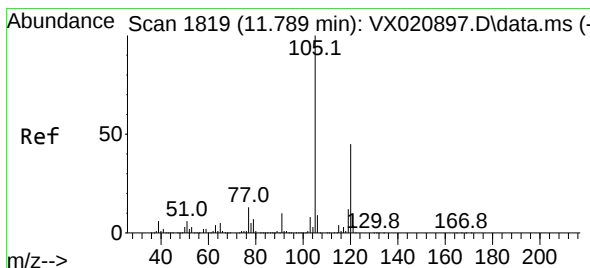
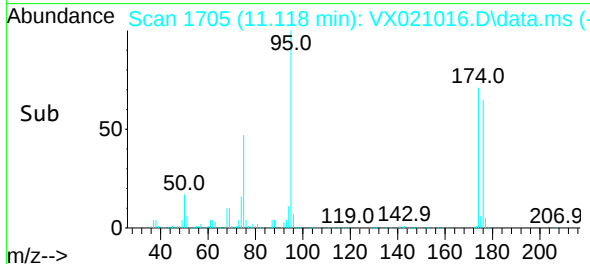
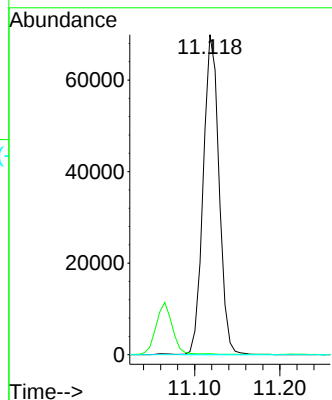
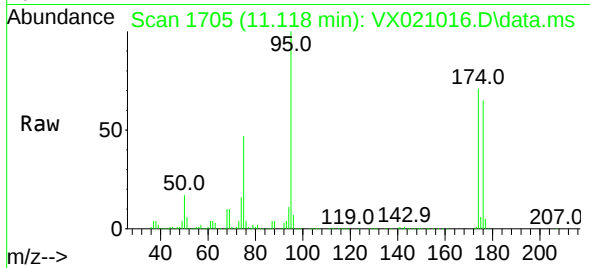




#81
trans-1,4-Dichloro-2-butene
Concen: 51.95 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

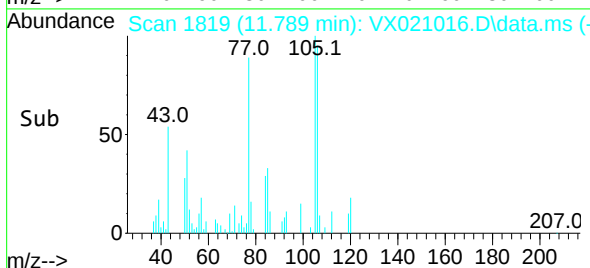
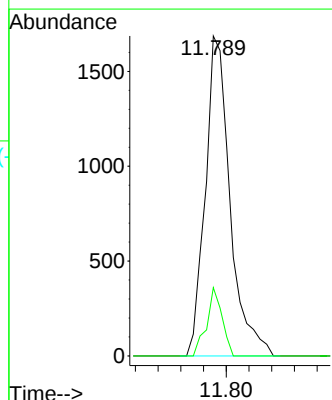
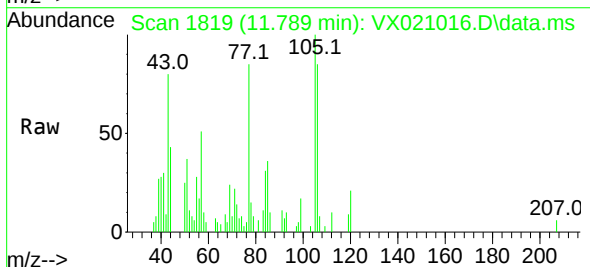
Instrument :
MSVOA_X
ClientSampleId :

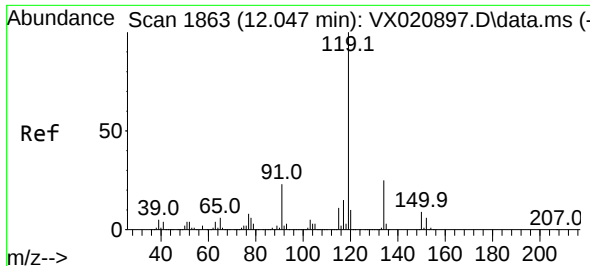
Tgt Ion: 75 Resp: 90100
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 105 Resp: 2552
Ion Ratio Lower Upper
105 100
120 13.2 22.4 67.3#

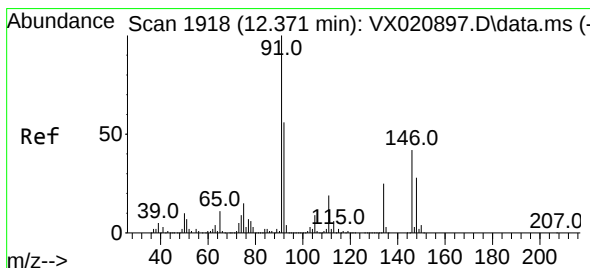
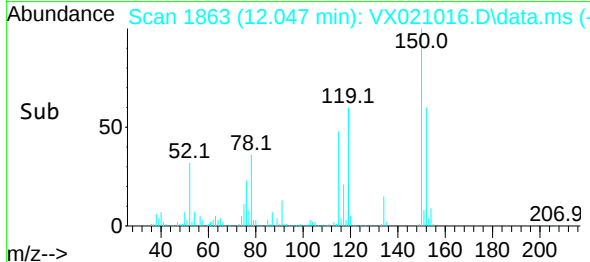
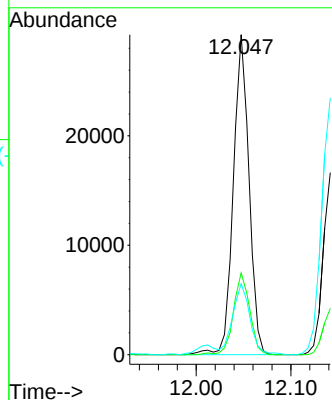
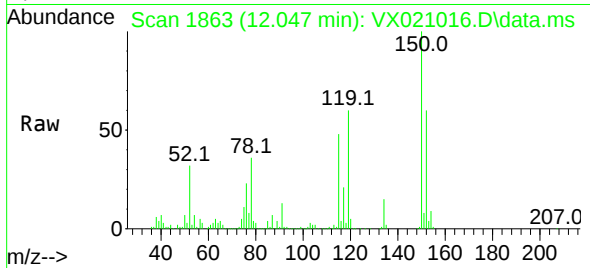




#86
p-Isopropyltoluene
Concen: 2.73 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 33654
Ion Ratio Lower Upper
119 100
134 26.5 12.9 38.7
91 24.4 11.7 35.0



#89
n-Butylbenzene
Concen: 2.80 ug/l
RT: 12.142 min Scan# 1879
Delta R.T. -0.229 min
Lab File: VX021016.D
Acq: 04 Mar 2021 15:59

Tgt Ion: 91 Resp: 30842
Ion Ratio Lower Upper
91 100
92 33.3 27.4 82.0
134 18.1 13.2 39.5

