

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021018.D
 Acq On : 04 Mar 2021 16:45
 Operator : JC/MD
 Sample : M1507-08 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41116

Quant Time: Mar 05 01:22:57 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)

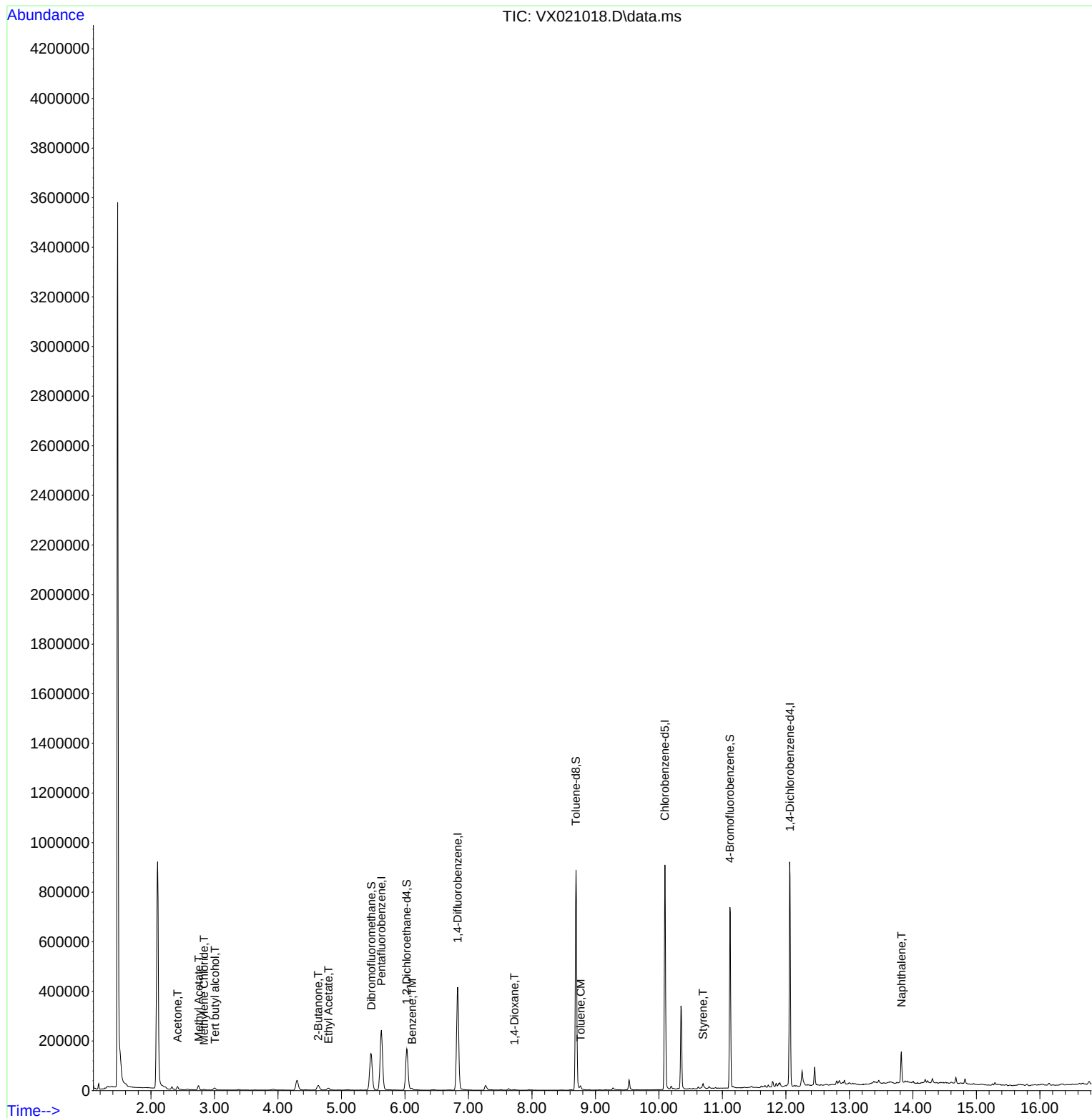
Internal Standards						
1) Pentafluorobenzene	5.629	168	231331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	437537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	421296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	198521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	156983	50.24	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.48%		
35) Dibromofluoromethane	5.470	113	133347	50.16	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.32%		
50) Toluene-d8	8.694	98	533891	51.51	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 103.02%		
62) 4-Bromofluorobenzene	11.118	95	205141	53.52	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 107.04%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.005	59	8575	12.32	ug/l	95
16) Acetone	2.417	43	12708	9.87	ug/l	96
18) Methyl Acetate	2.752	43	20778	6.82	ug/l	100
20) Methylene Chloride	2.834	84	1156	0.37	ug/l	94
25) 2-Butanone	4.635	43	30339	15.51	ug/l	100
37) Ethyl Acetate	4.793	43	13419	3.39	ug/l	94
40) Benzene	6.111	78	5539	0.44	ug/l #	76
49) 1,4-Dioxane	7.723	88	1383	17.55	ug/l #	87
52) Toluene	8.765	92	4945	0.64	ug/l	91
70) Styrene	10.694	104	7259	0.73	ug/l	92
95) Naphthalene	13.818	128	74297	5.10	ug/l	99

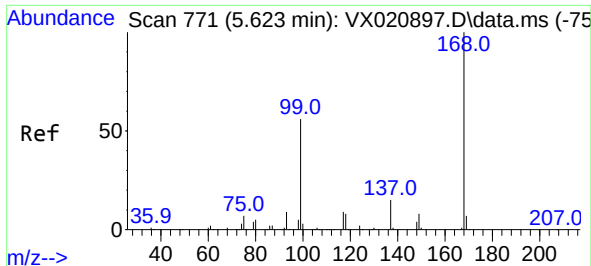
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

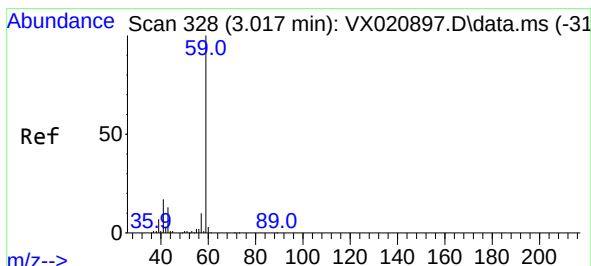
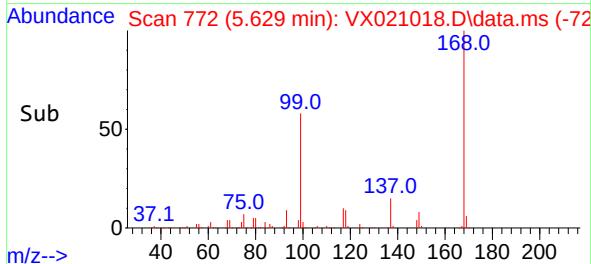
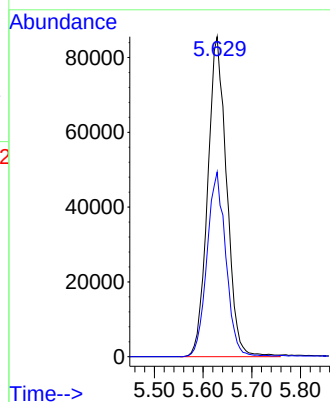
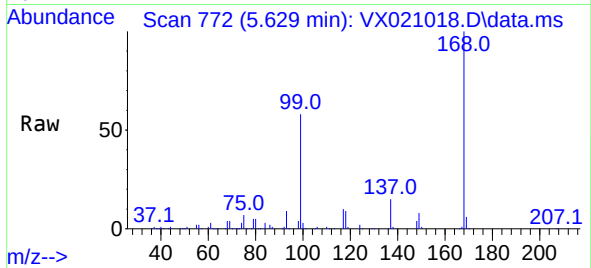




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

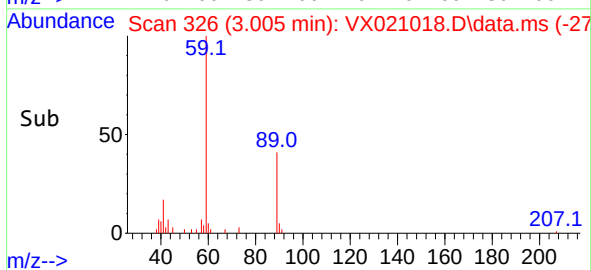
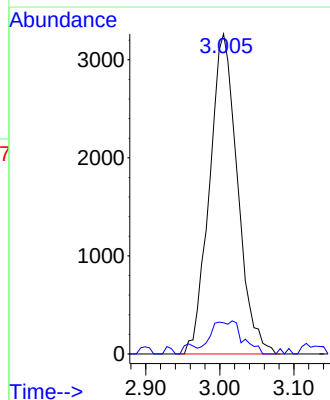
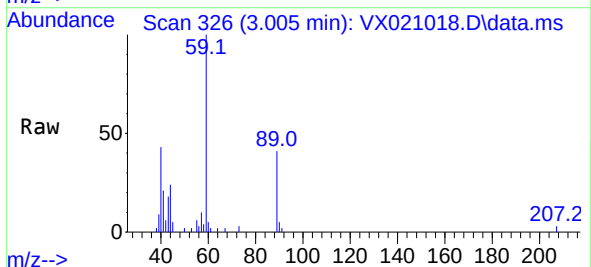
Instrument :
MSVOA_X
ClientSampleId :
41116

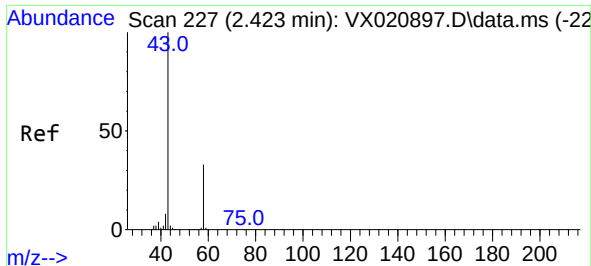
Tgt Ion:168 Resp: 231331
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#11
Tert butyl alcohol
Concen: 12.32 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Tgt Ion: 59 Resp: 8575
Ion Ratio Lower Upper
59 100
57 11.6 7.8 11.8

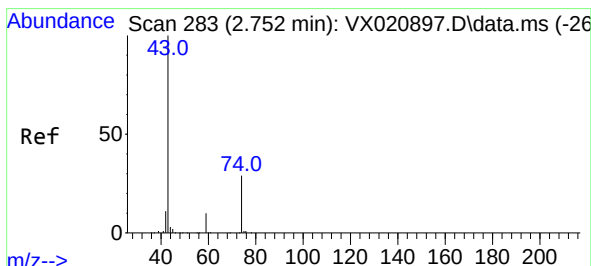
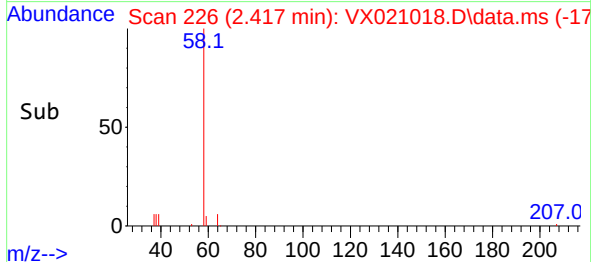
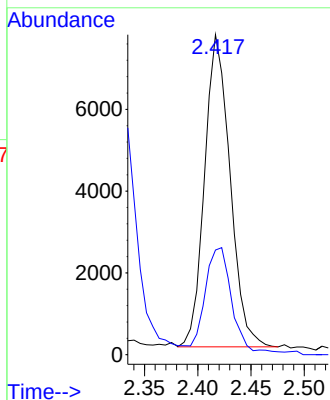
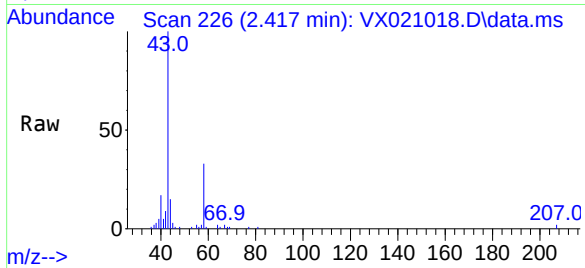




#16
Acetone
Concen: 9.87 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

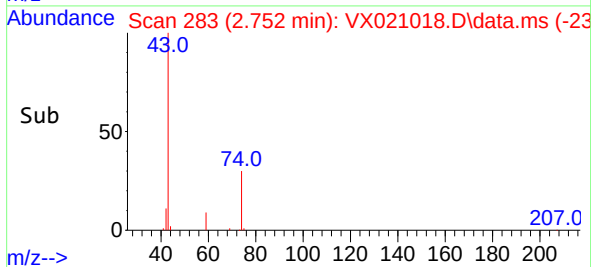
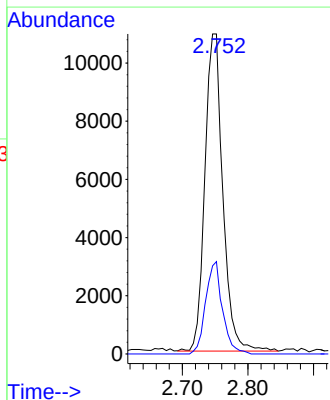
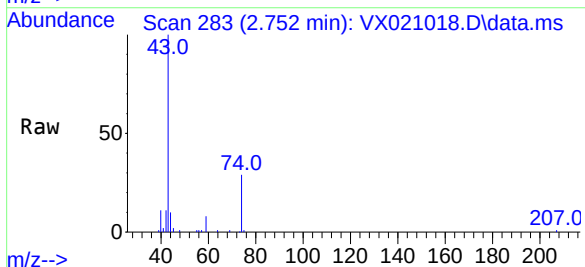
Instrument :
MSVOA_X
ClientSampleId :
41116

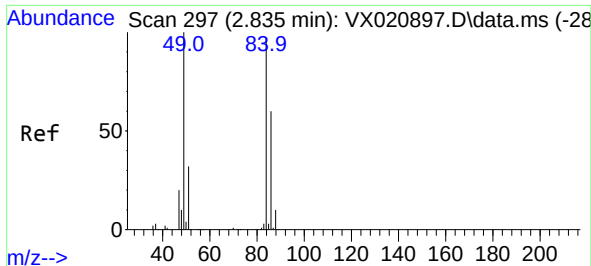
Tgt Ion: 43 Resp: 12708
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8



#18
Methyl Acetate
Concen: 6.82 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Tgt Ion: 43 Resp: 20778
Ion Ratio Lower Upper
43 100
74 27.3 21.9 32.9



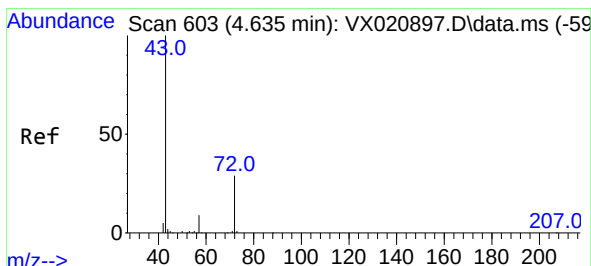
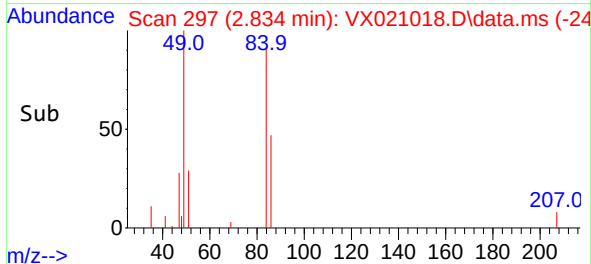
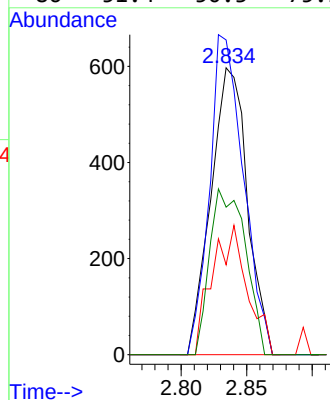
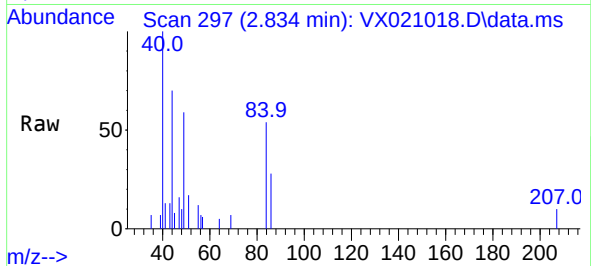


#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Instrument :
MSVOA_X
ClientSampleId :
41116

Tgt Ion: 84 Resp: 1156

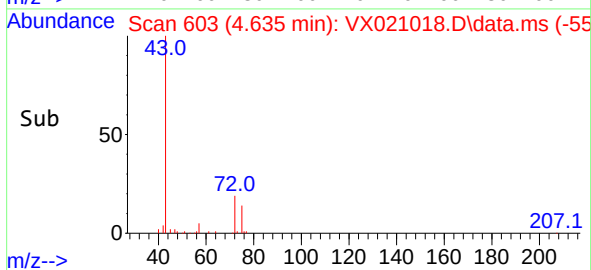
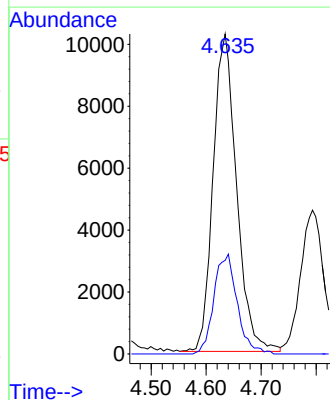
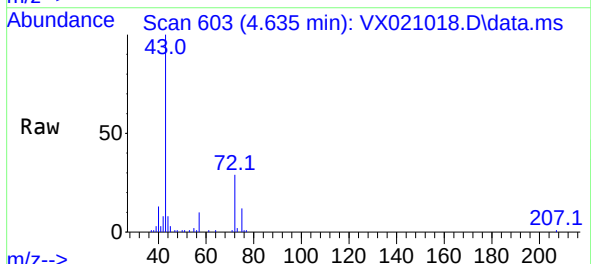
Ion	Ratio	Lower	Upper
84	100		
49	109.7	88.6	132.8
51	31.3	27.0	40.6
86	51.4	50.3	75.5

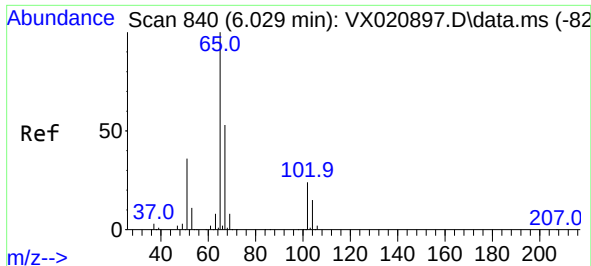


#25
2-Butanone
Concen: 15.51 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Tgt Ion: 43 Resp: 30339

Ion	Ratio	Lower	Upper
43	100		
72	29.5	23.7	35.5



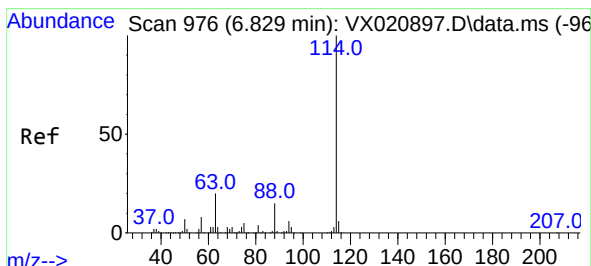
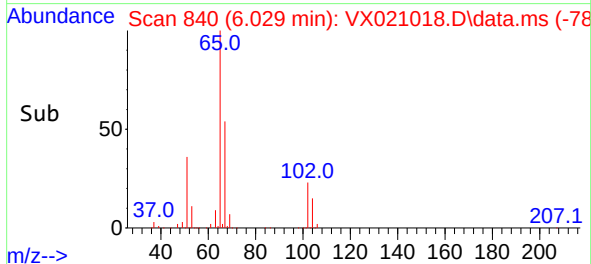
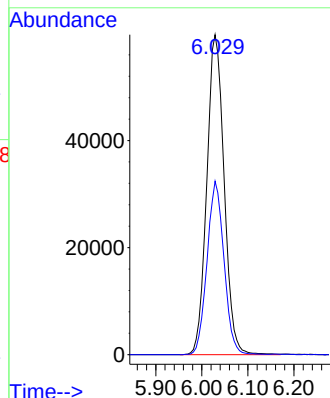
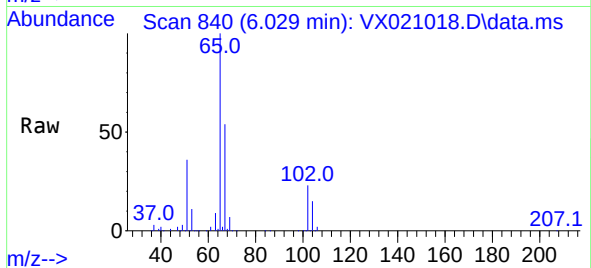


#33

1,2-Dichloroethane-d4
Concen: 50.24 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Instrument :
MSVOA_X
ClientSampleId :
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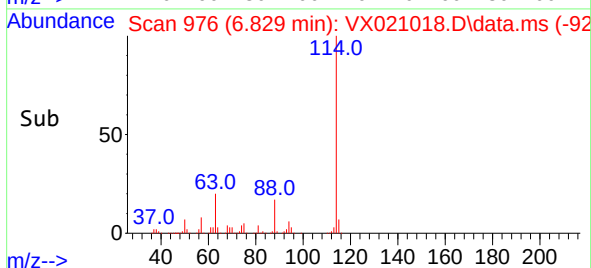
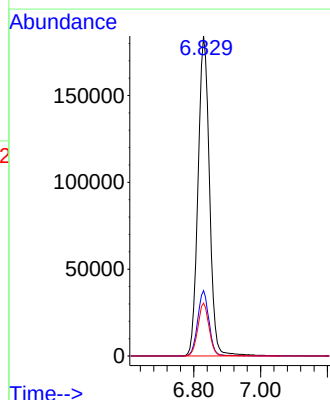
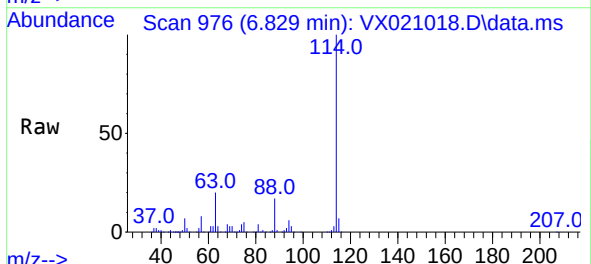
Tgt Ion: 65 Resp: 156983
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

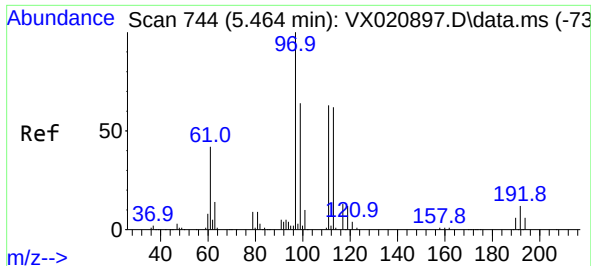


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Tgt Ion:114 Resp: 437537
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.5 0.0 32.8

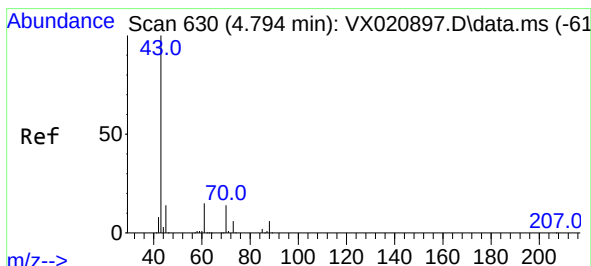
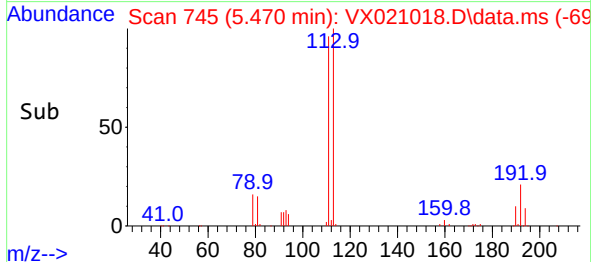
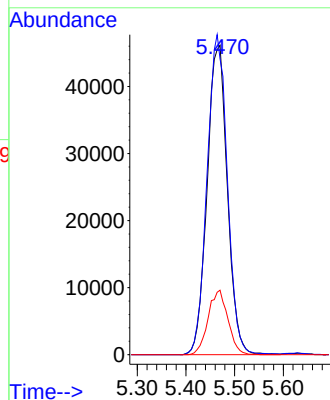
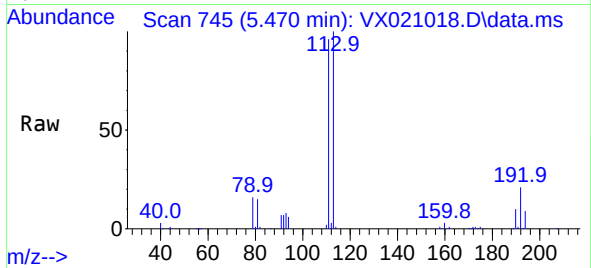




#35
Dibromofluoromethane
Concen: 50.16 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

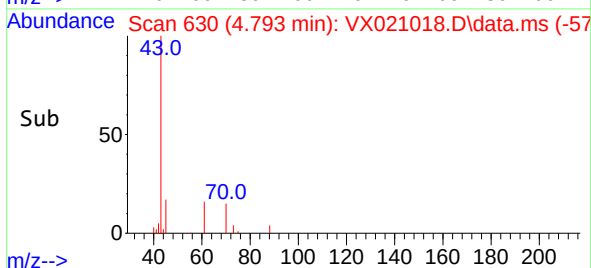
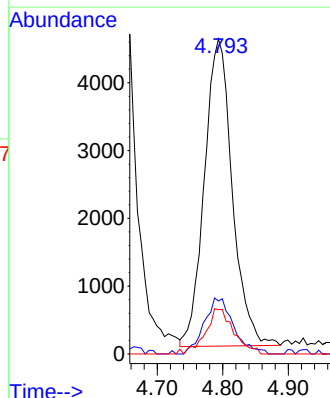
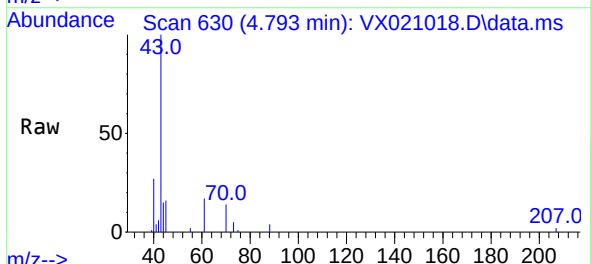
Instrument :
MSVOA_X
ClientSampleId :
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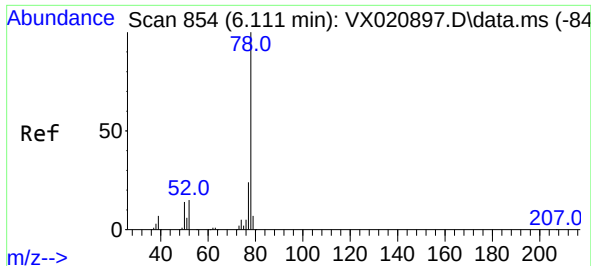
Tgt Ion:113 Resp: 133347
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.4 16.7 25.1



#37
Ethyl Acetate
Concen: 3.39 ug/l
RT: 4.793 min Scan# 630
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Tgt Ion: 43 Resp: 13419
Ion Ratio Lower Upper
43 100
61 19.0 12.8 19.2
70 14.8 10.5 15.7

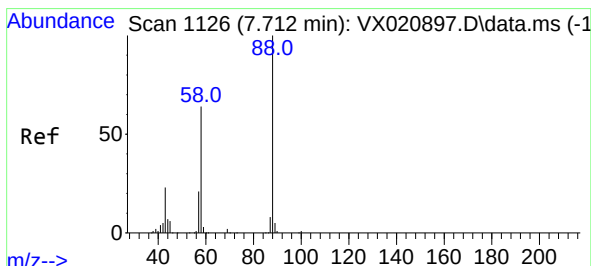
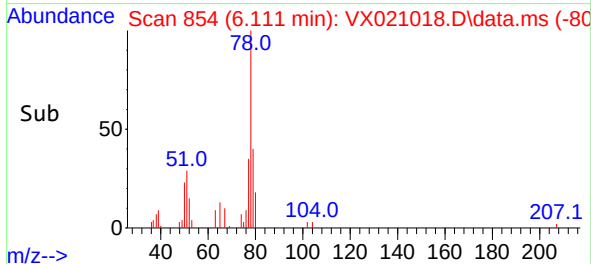
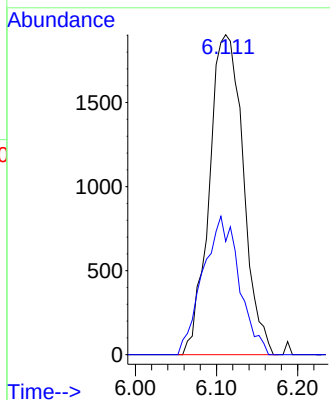
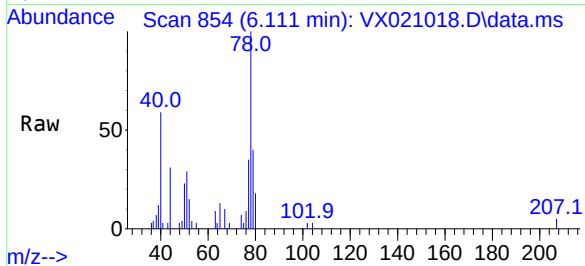




#40
Benzene
Concen: 0.44 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

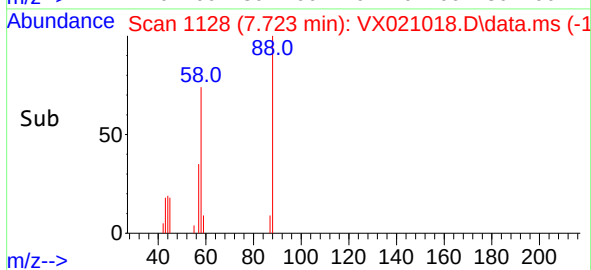
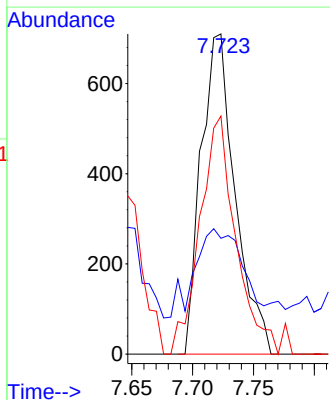
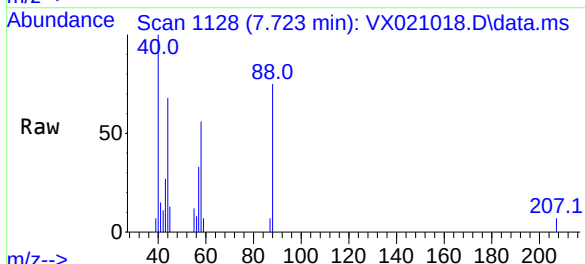
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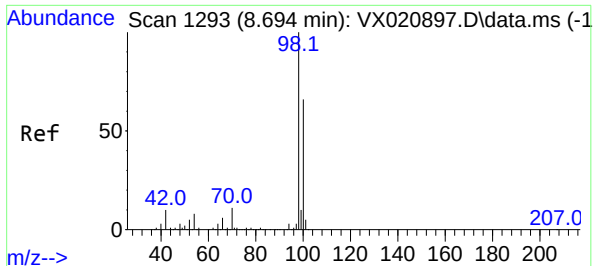
Tgt Ion: 78 Resp: 5539
Ion Ratio Lower Upper
78 100
77 35.4 18.9 28.3#



#49
1,4-Dioxane
Concen: 17.55 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Tgt Ion: 88 Resp: 1383
Ion Ratio Lower Upper
88 100
43 38.5 23.2 34.8#
58 78.2 55.0 82.4

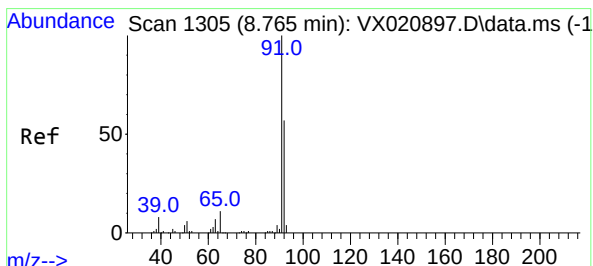
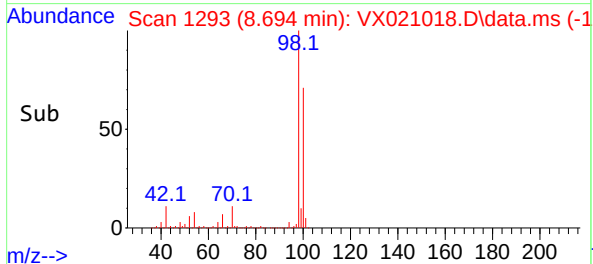
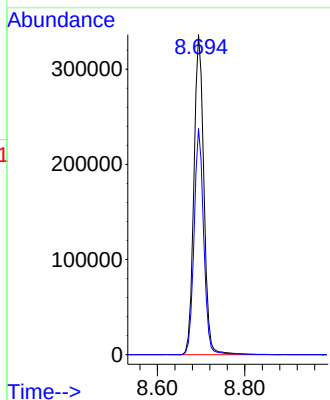
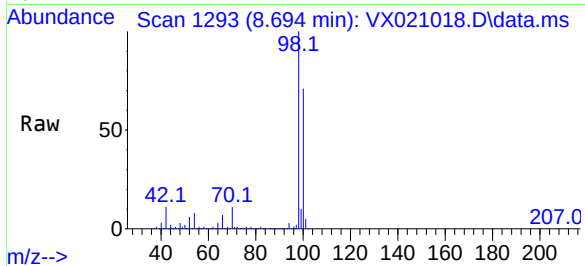




#50
Toluene-d8
Concen: 51.51 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

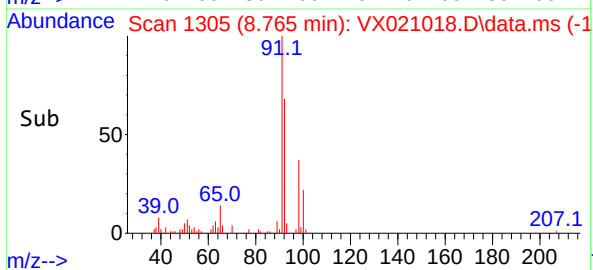
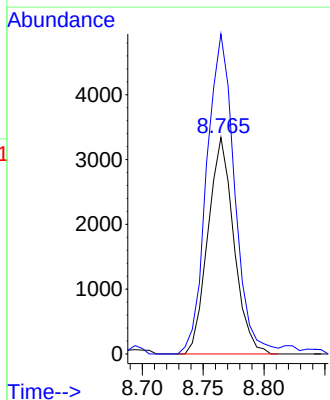
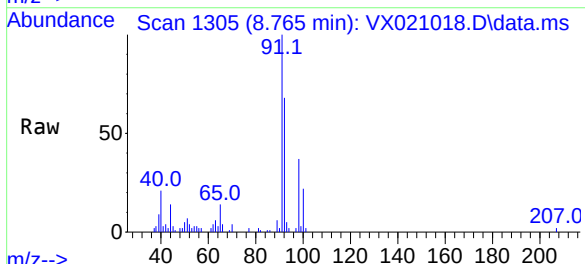
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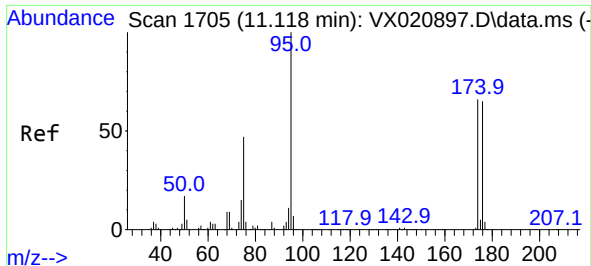
Tgt Ion: 98 Resp: 533891
Ion Ratio Lower Upper
98 100
100 68.2 51.9 77.9



#52
Toluene
Concen: 0.64 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Tgt Ion: 92 Resp: 4945
Ion Ratio Lower Upper
92 100
91 159.0 137.1 205.7

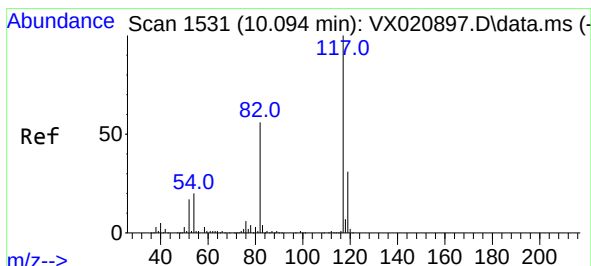
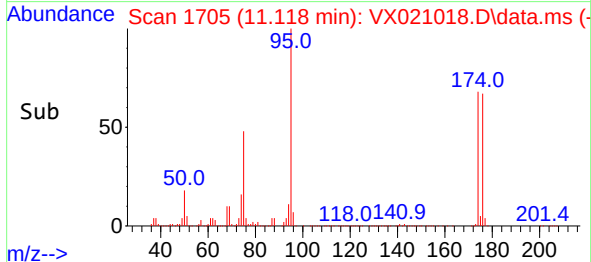
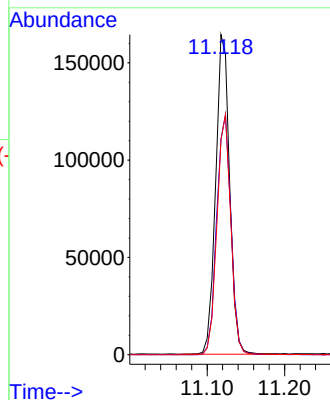
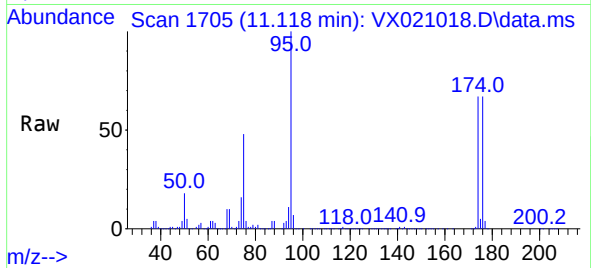




#62
4-Bromofluorobenzene
Concen: 53.52 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

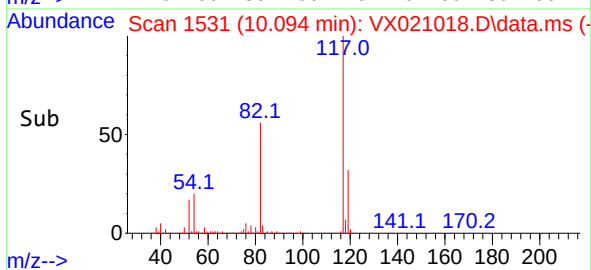
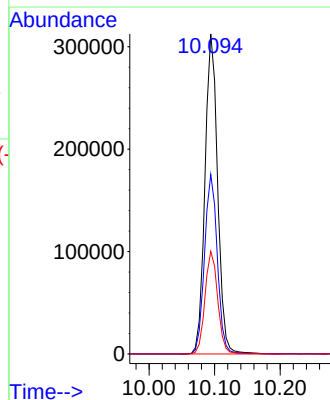
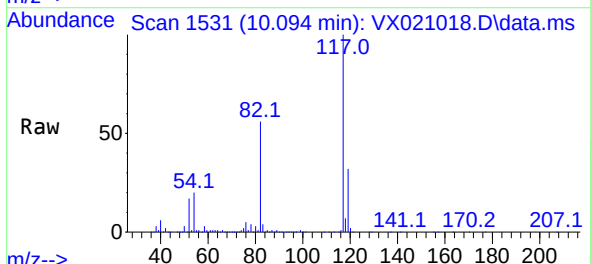
Instrument :
MSVOA_X
ClientSampleId :
41116

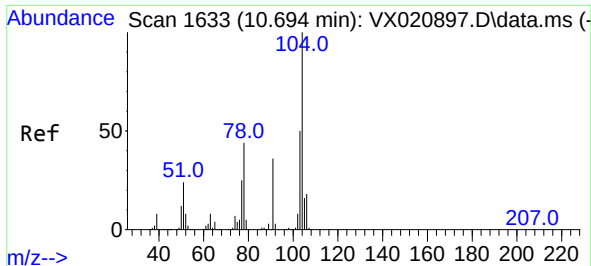
Tgt Ion: 95 Resp: 205141
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 74.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Tgt Ion: 117 Resp: 421296
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.0 26.6 39.8

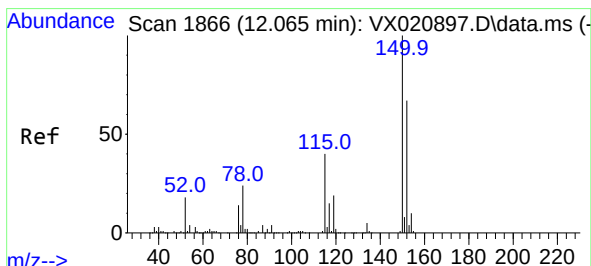
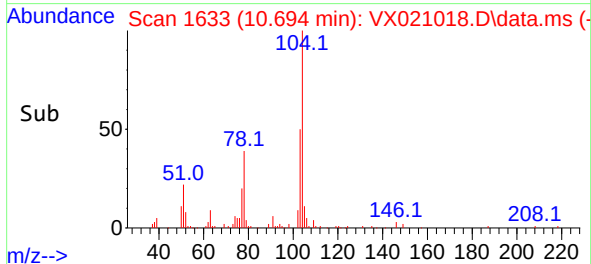
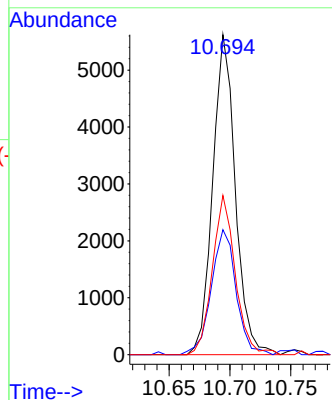
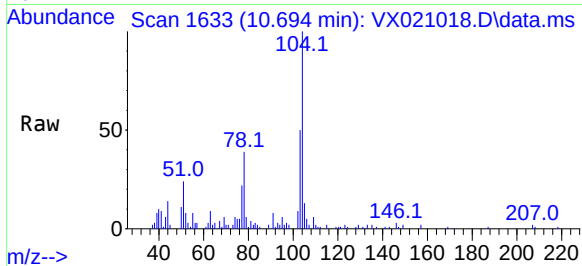




#70
Styrene
Concen: 0.73 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

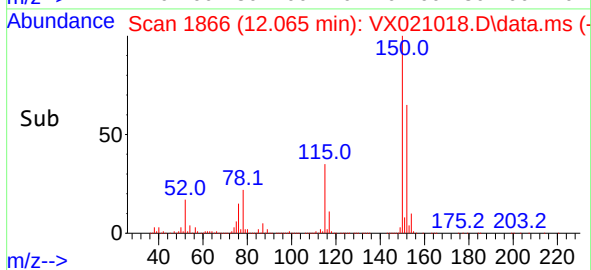
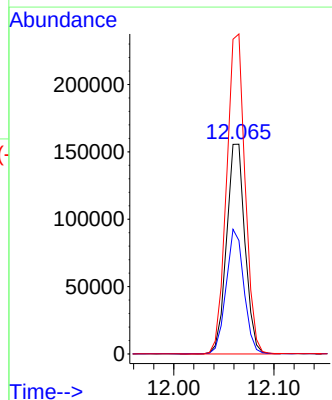
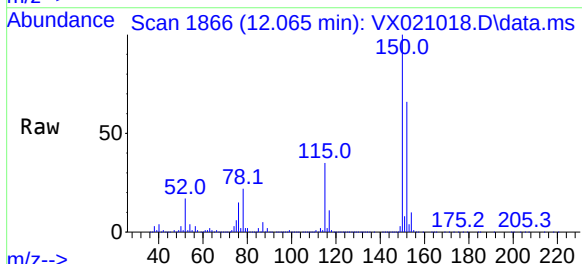
Instrument :
MSVOA_X
ClientSampleId :
41116

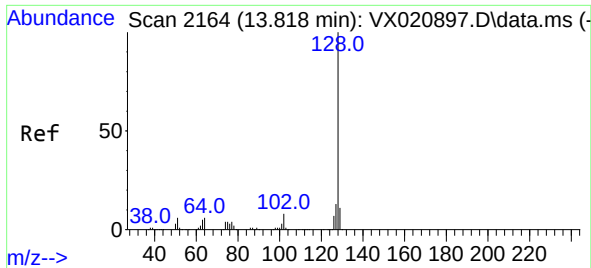
Tgt Ion:	104	Resp:	7259
Ion	Ratio	Lower	Upper
104	100		
78	42.9	40.0	60.0
103	50.5	43.4	65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Tgt Ion:	152	Resp:	198521
Ion	Ratio	Lower	Upper
152	100		
115	57.0	41.1	123.3
150	153.5	0.0	349.0





#95
Naphthalene
Concen: 5.10 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021018.D
Acq: 04 Mar 2021 16:45

Instrument :
MSVOA_X
ClientSampleId :
41116

Tgt Ion:128 Resp: 74297
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.4 8.8 13.2

