

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021522.D
 Acq On : 26 Mar 2021 05:59
 Operator : JC/MD
 Sample : M1809-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-4

Quant Time: Mar 26 06:37:23 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)

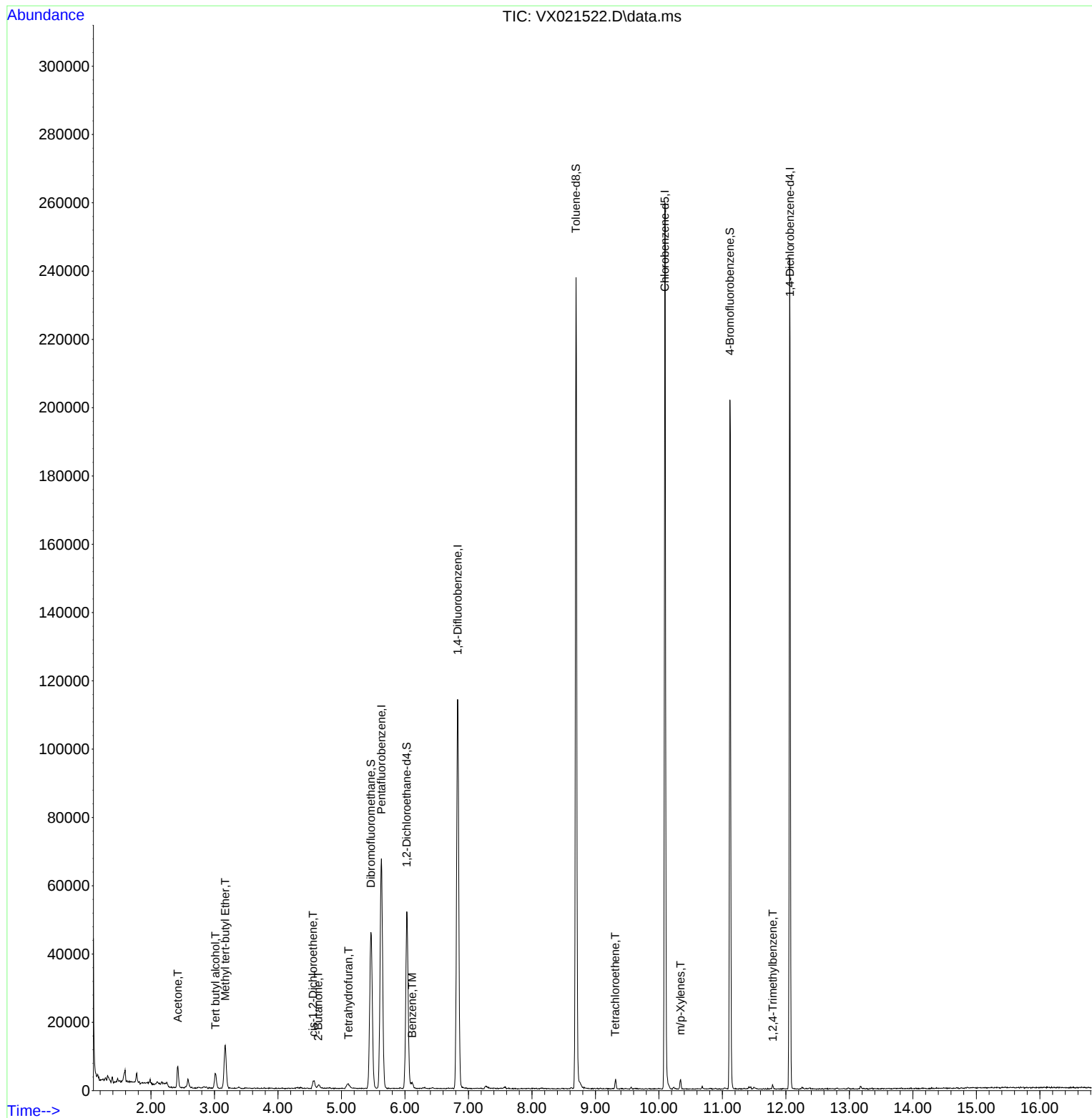
Internal Standards						
1) Pentafluorobenzene	5.629	168	58574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	106084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	104629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	44117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50060	51.37	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.74%	
35) Dibromofluoromethane	5.464	113	38779	51.46	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.92%	
50) Toluene-d8	8.694	98	134516	50.09	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.18%	
62) 4-Bromofluorobenzene	11.118	95	51998	49.81	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.62%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.017	59	4392	27.26	ug/l	95
16) Acetone	2.423	43	6760	18.34	ug/l	89
19) Methyl tert-butyl Ether	3.170	73	12612	5.72	ug/l	99
25) 2-Butanone	4.635	43	2072	3.71	ug/l	91
27) cis-1,2-Dichloroethene	4.552	96	1399	1.86	ug/l	99
29) Tetrahydrofuran	5.111	42	1195	3.30	ug/l #	79
40) Benzene	6.111	78	1839	0.62	ug/l	100
64) Tetrachloroethene	9.312	164	468	0.67	ug/l #	77
68) m/p-Xylenes	10.341	106	650	0.48	ug/l	91
84) 1,2,4-Trimethylbenzene	11.795	105	694	0.26	ug/l	88

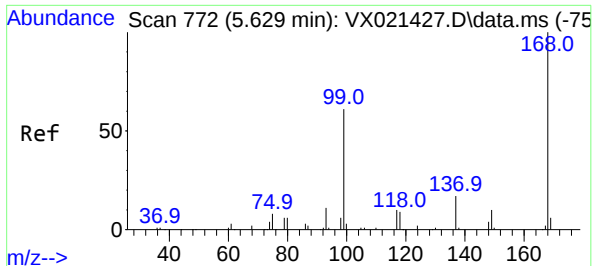
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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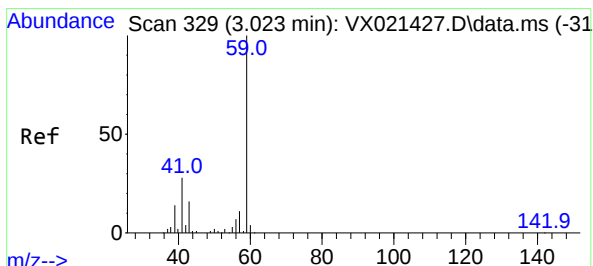
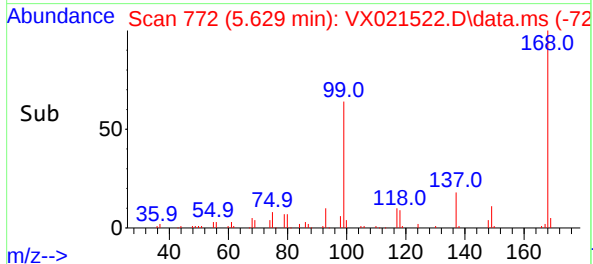
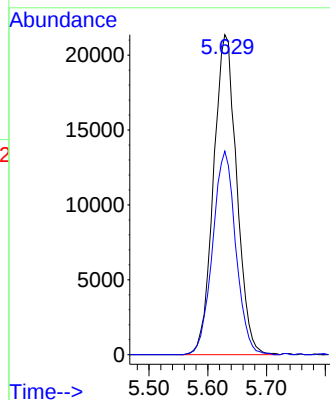
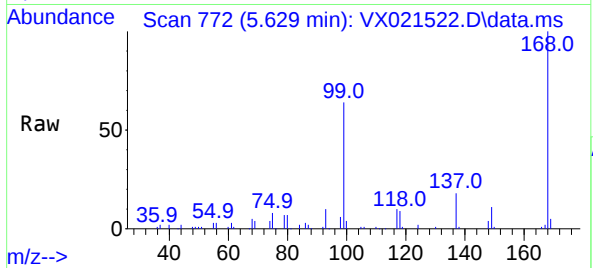




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

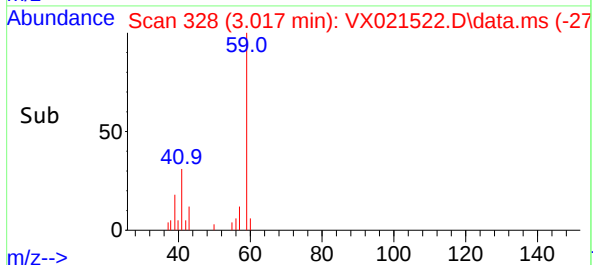
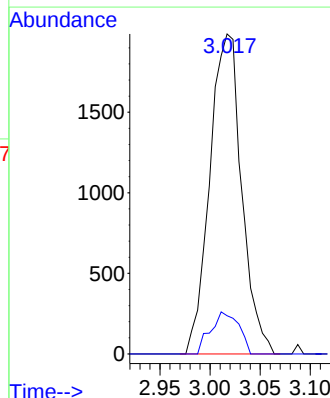
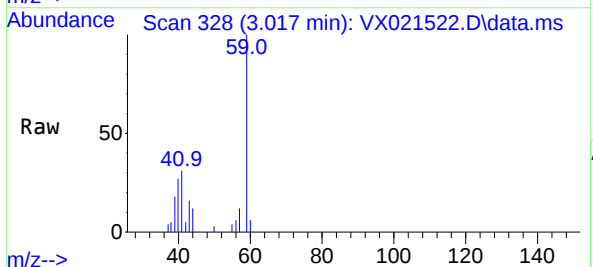
Instrument :
MSVOA_X
ClientSampled :
DRUM-4

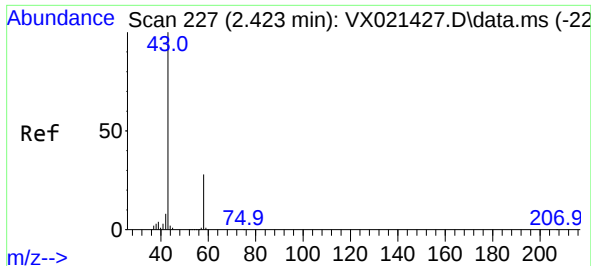
Tgt Ion:168 Resp: 58574
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.6



#11
Tert butyl alcohol
Concen: 27.26 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Tgt Ion: 59 Resp: 4392
Ion Ratio Lower Upper
59 100
57 11.5 7.8 11.8

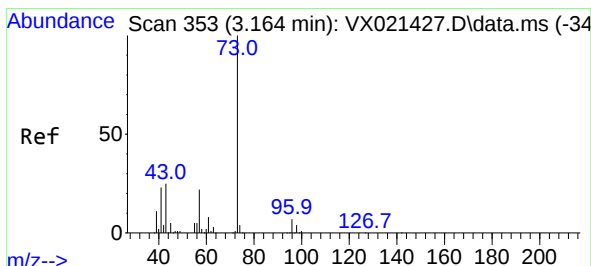
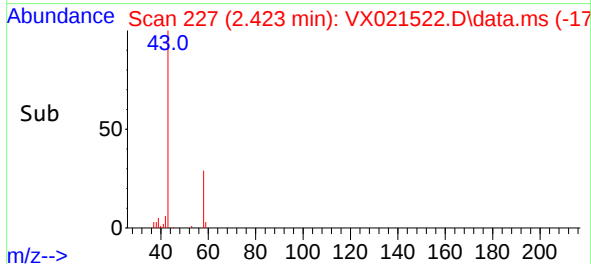
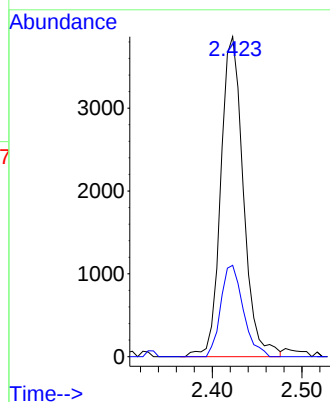
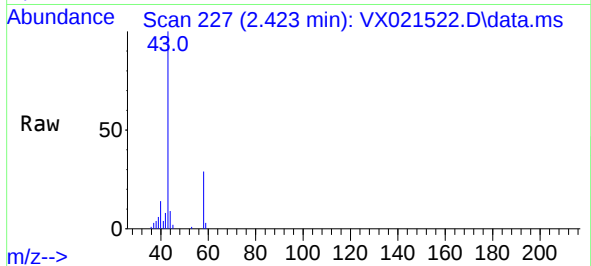




#16
Acetone
Concen: 18.34 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

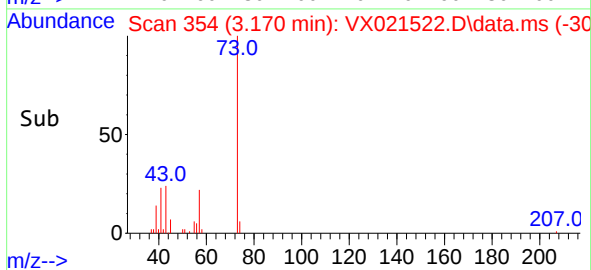
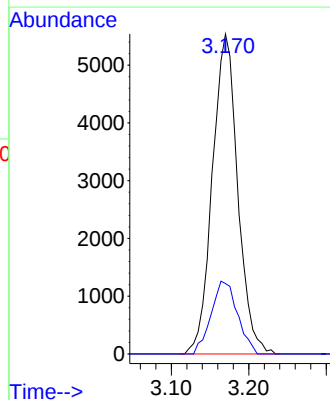
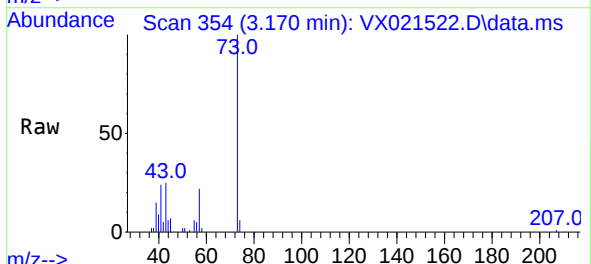
Instrument :
MSVOA_X
ClientSampled :
DRUM-4

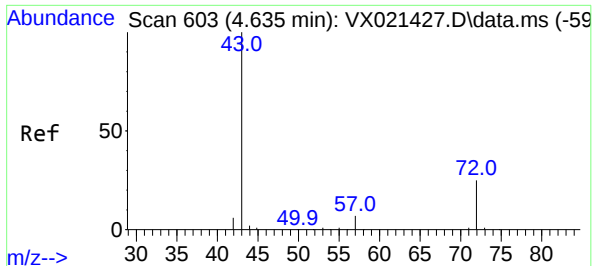
Tgt Ion: 43 Resp: 6760
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8



#19
Methyl tert-butyl Ether
Concen: 5.72 ug/l
RT: 3.170 min Scan# 354
Delta R.T. 0.006 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Tgt Ion: 73 Resp: 12612
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7

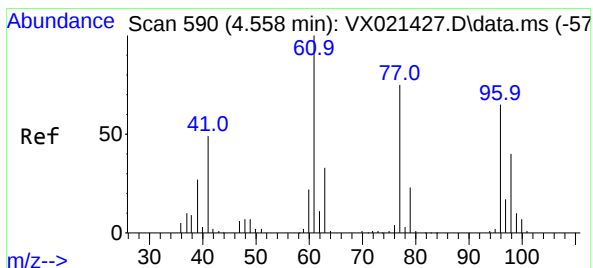
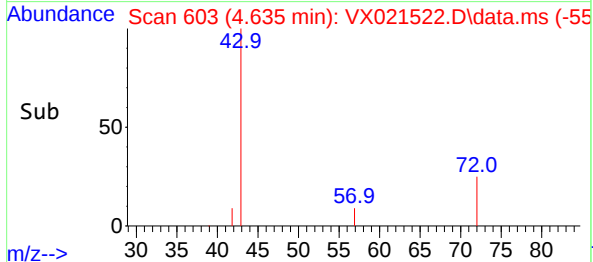
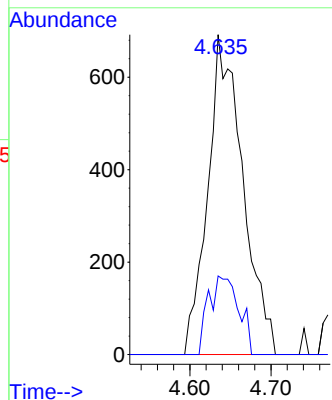
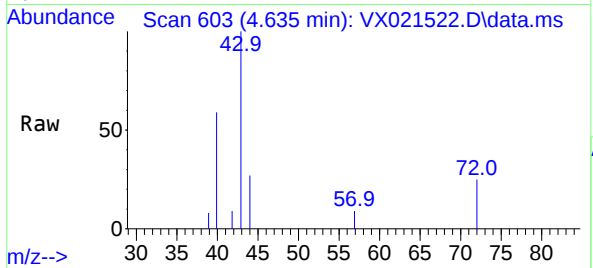




#25
2-Butanone
Concen: 3.71 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

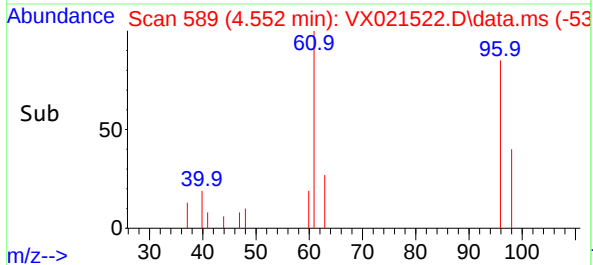
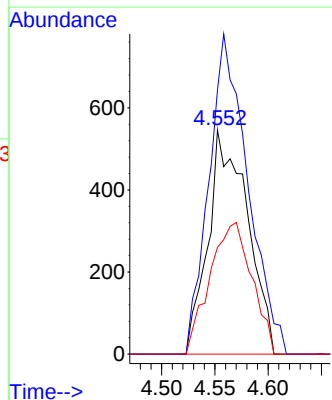
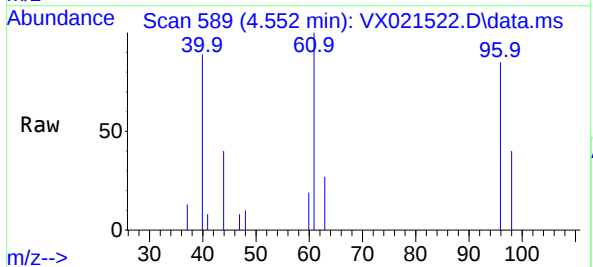
Instrument :
MSVOA_X
ClientSampled :
DRUM-4

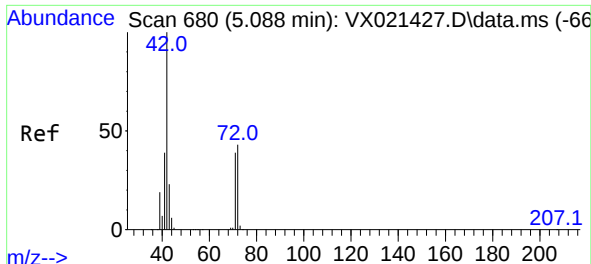
Tgt Ion: 43 Resp: 2072
Ion Ratio Lower Upper
43 100
72 24.6 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 1.86 ug/l
RT: 4.552 min Scan# 589
Delta R.T. -0.006 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Tgt Ion: 96 Resp: 1399
Ion Ratio Lower Upper
96 100
61 141.7 0.0 285.6
98 63.0 0.0 129.6



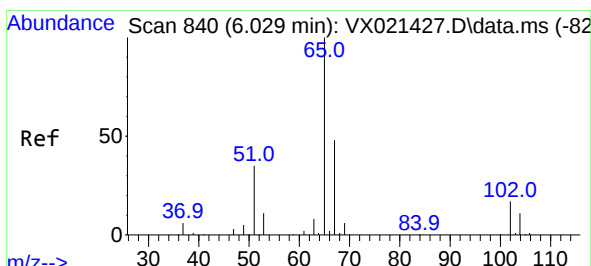
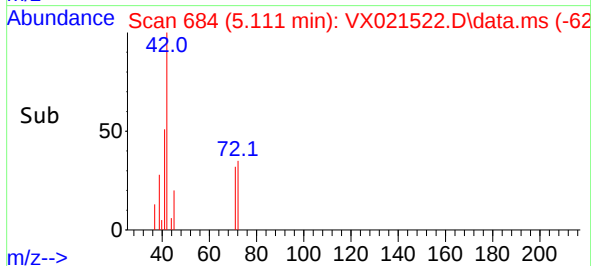
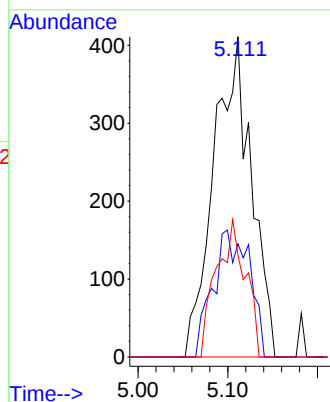
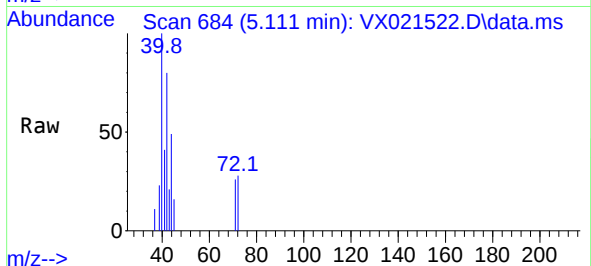


#29
Tetrahydrofuran
Concen: 3.30 ug/l
RT: 5.111 min Scan# 684
Delta R.T. 0.023 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Instrument :
MSVOA_X
ClientSampled :
DRUM-4

Tgt Ion: 42 Resp: 1195

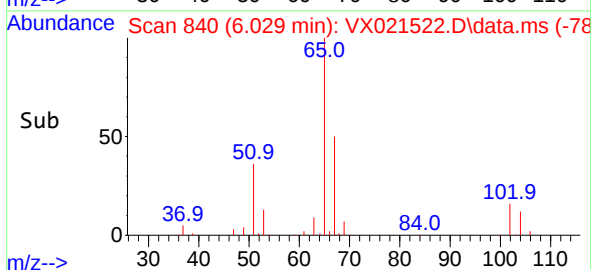
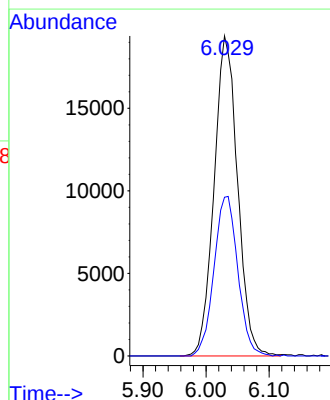
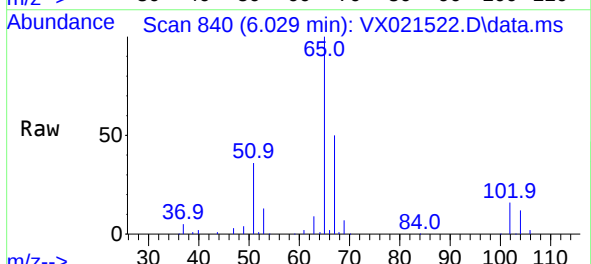
Ion	Ratio	Lower	Upper
42	100		
72	38.4	41.7	62.5#
71	33.0	38.4	57.6#

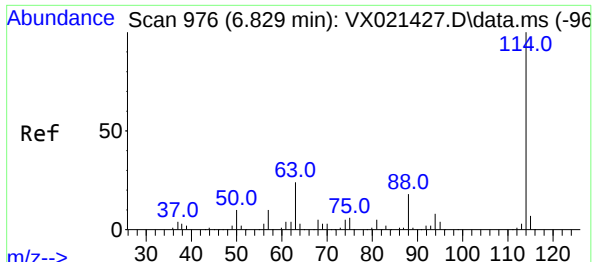


#33
1,2-Dichloroethane-d4
Concen: 51.37 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Tgt Ion: 65 Resp: 50060

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	105.4



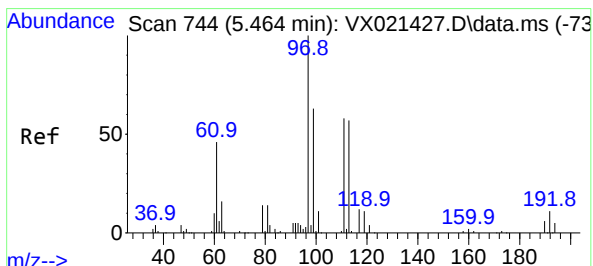
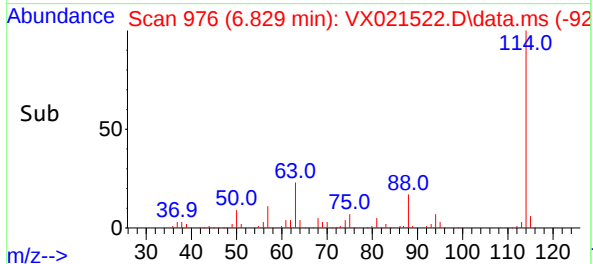
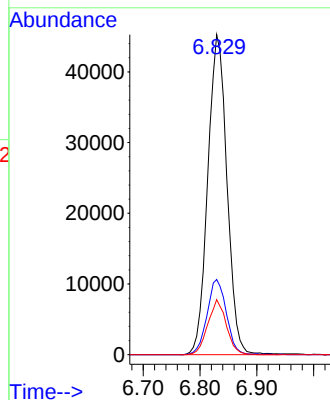
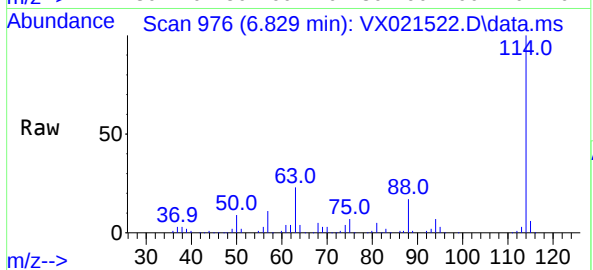


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Instrument :
MSVOA_X
ClientSampleId :
DRUM-4

Tgt Ion:114 Resp: 106084

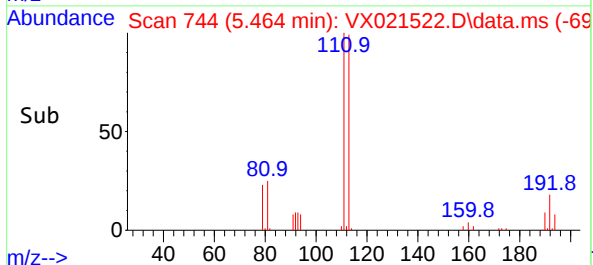
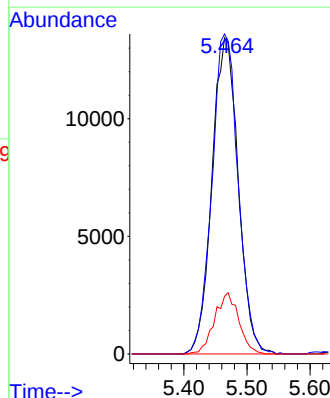
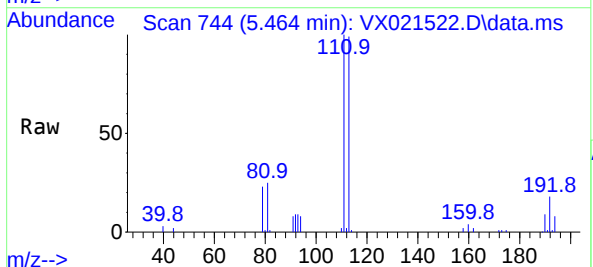
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	40.8
88	17.2	0.0	32.8

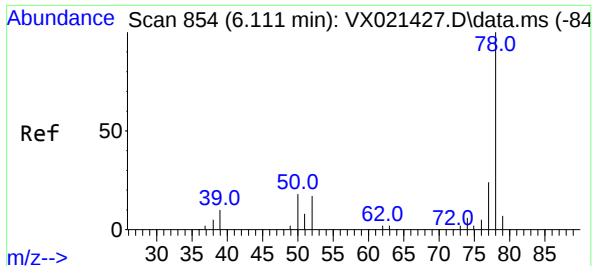


#35
Dibromofluoromethane
Concen: 51.46 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Tgt Ion:113 Resp: 38779

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	17.9	16.7	25.1

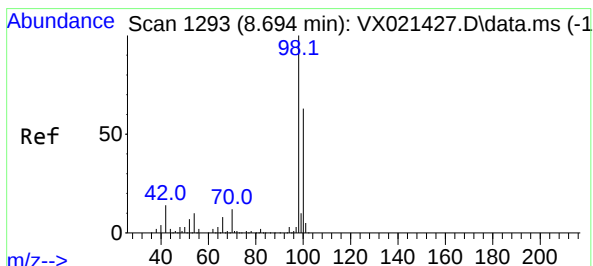
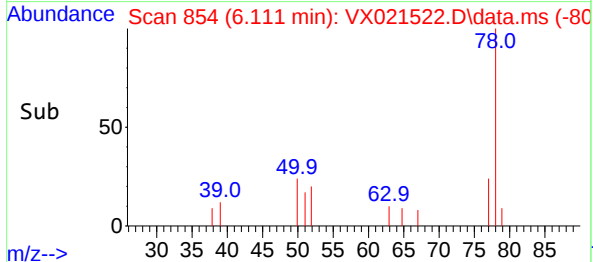
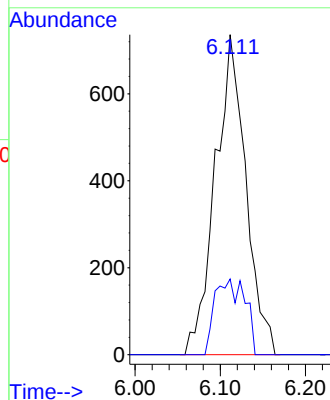
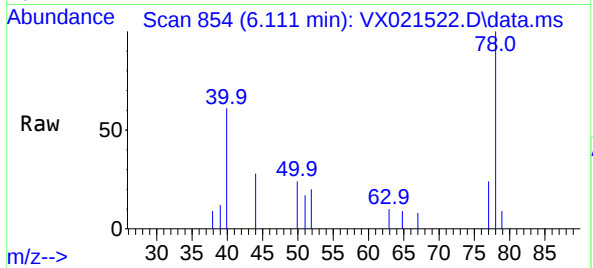




#40
Benzene
Concen: 0.62 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

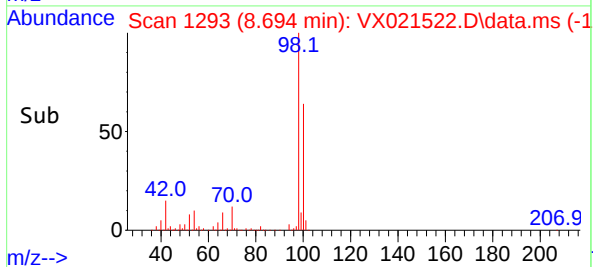
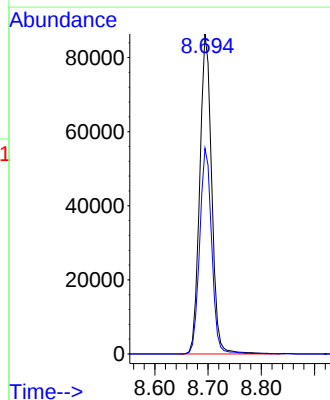
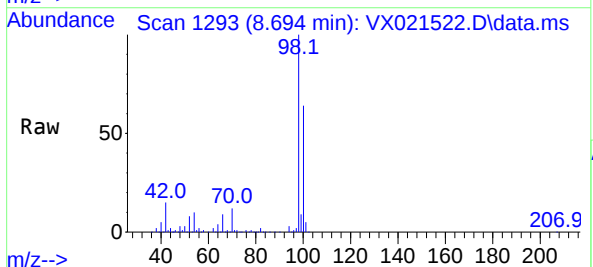
Instrument :
MSVOA_X
ClientSampled :
DRUM-4

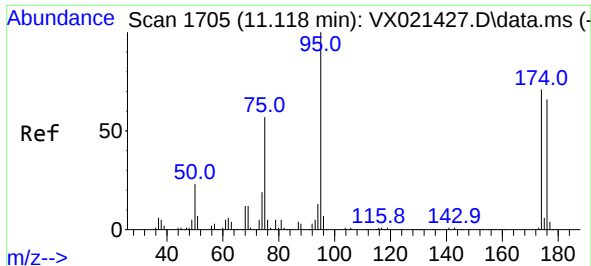
Tgt Ion: 78 Resp: 1839
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



#50
Toluene-d8
Concen: 50.09 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Tgt Ion: 98 Resp: 134516
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

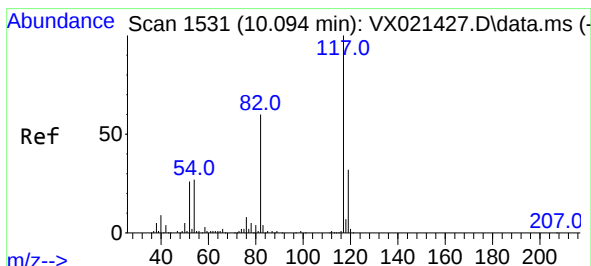
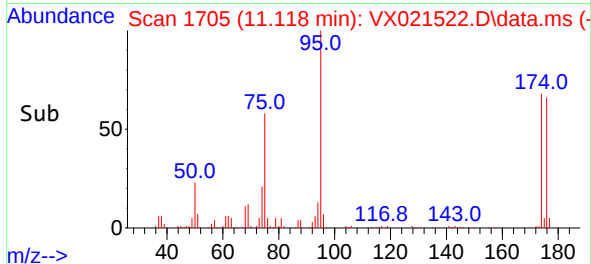
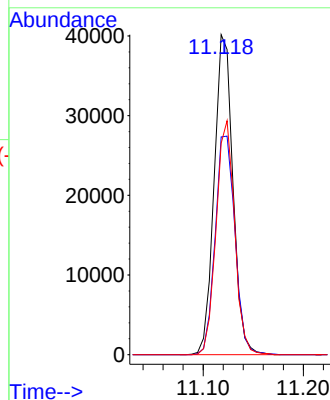
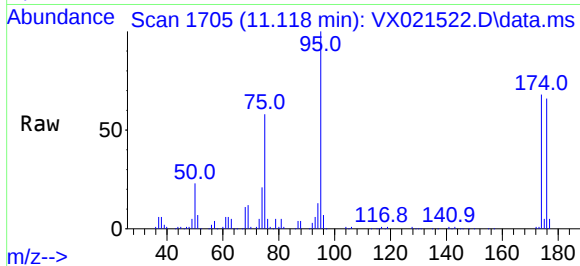




#62
4-Bromofluorobenzene
Concen: 49.81 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

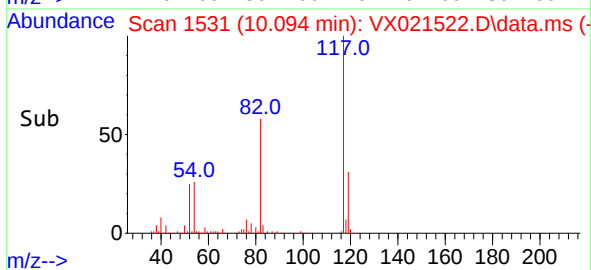
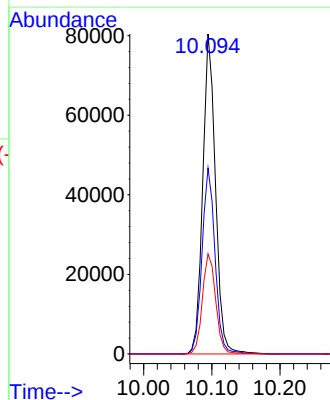
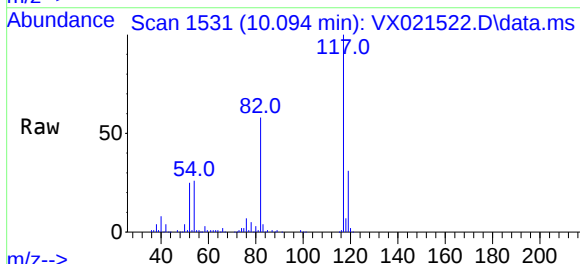
Instrument :
MSVOA_X
ClientSampleId :
DRUM-4

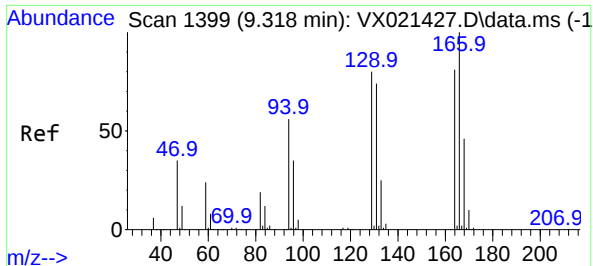
Tgt Ion:	95	Resp:	51998
Ion Ratio	Lower	Upper	
95	100		
174	72.2	0.0	154.6
176	72.1	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Tgt Ion:	117	Resp:	104629
Ion Ratio	Lower	Upper	
117	100		
82	58.1	47.4	71.2
119	31.3	26.6	39.8

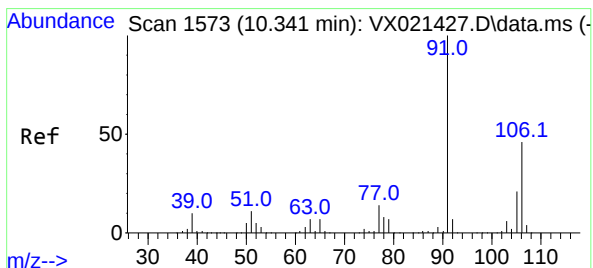
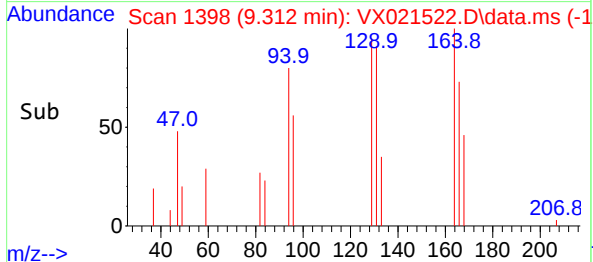
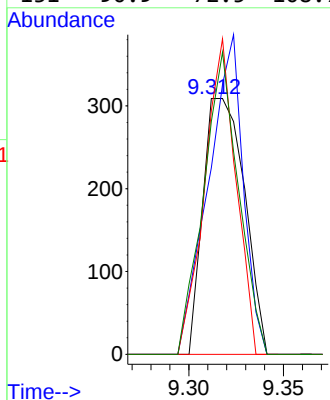
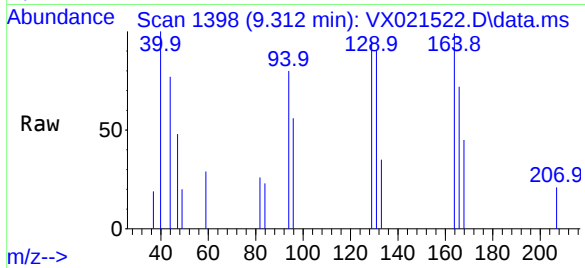




#64
Tetrachloroethene
Concen: 0.67 ug/l
RT: 9.312 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

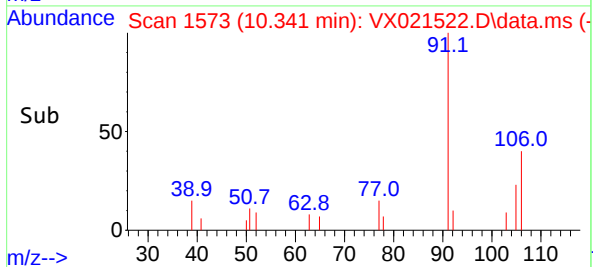
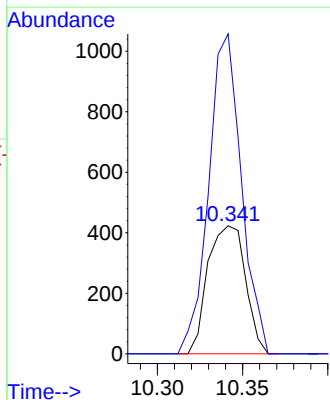
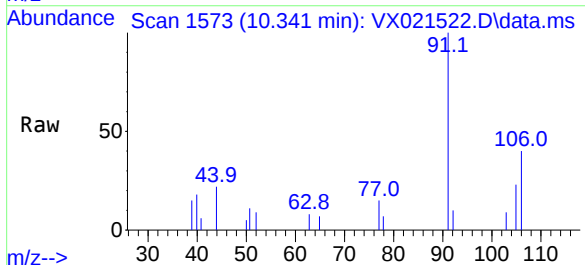
Instrument :
MSVOA_X
ClientSampled :
DRUM-4

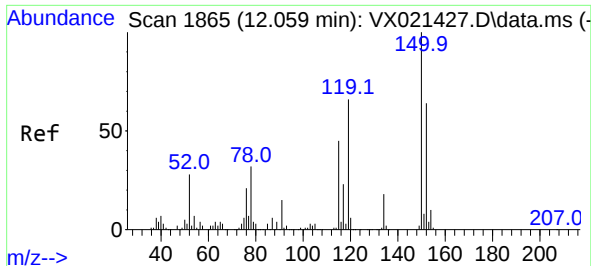
Tgt Ion:164 Resp: 468
Ion Ratio Lower Upper
164 100
166 72.8 103.4 155.2#
129 95.1 70.8 106.2
131 90.9 72.5 108.7



#68
m/p-Xylenes
Concen: 0.48 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Tgt Ion:106 Resp: 650
Ion Ratio Lower Upper
106 100
91 217.4 162.8 244.2

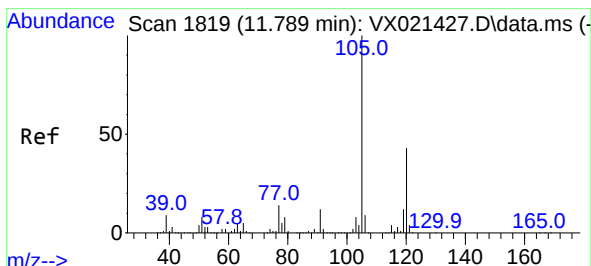
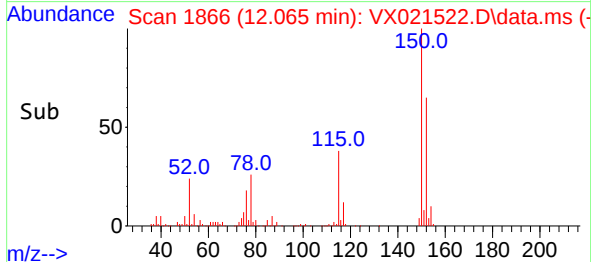
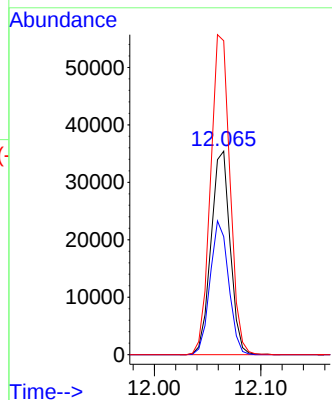
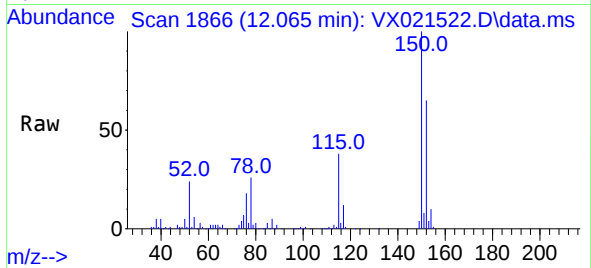




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Instrument :
MSVOA_X
ClientSampleId :
DRUM-4

Tgt Ion:152 Resp: 44117
Ion Ratio Lower Upper
152 100
115 63.7 41.1 123.3
150 159.7 0.0 349.0



#84
1,2,4-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.795 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VX021522.D
Acq: 26 Mar 2021 05:59

Tgt Ion:105 Resp: 694
Ion Ratio Lower Upper
105 100
120 36.7 22.4 67.3

