

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022566.D
 Acq On : 08 Jun 2021 16:07
 Operator : JC/MD
 Sample : PB136878ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:00:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

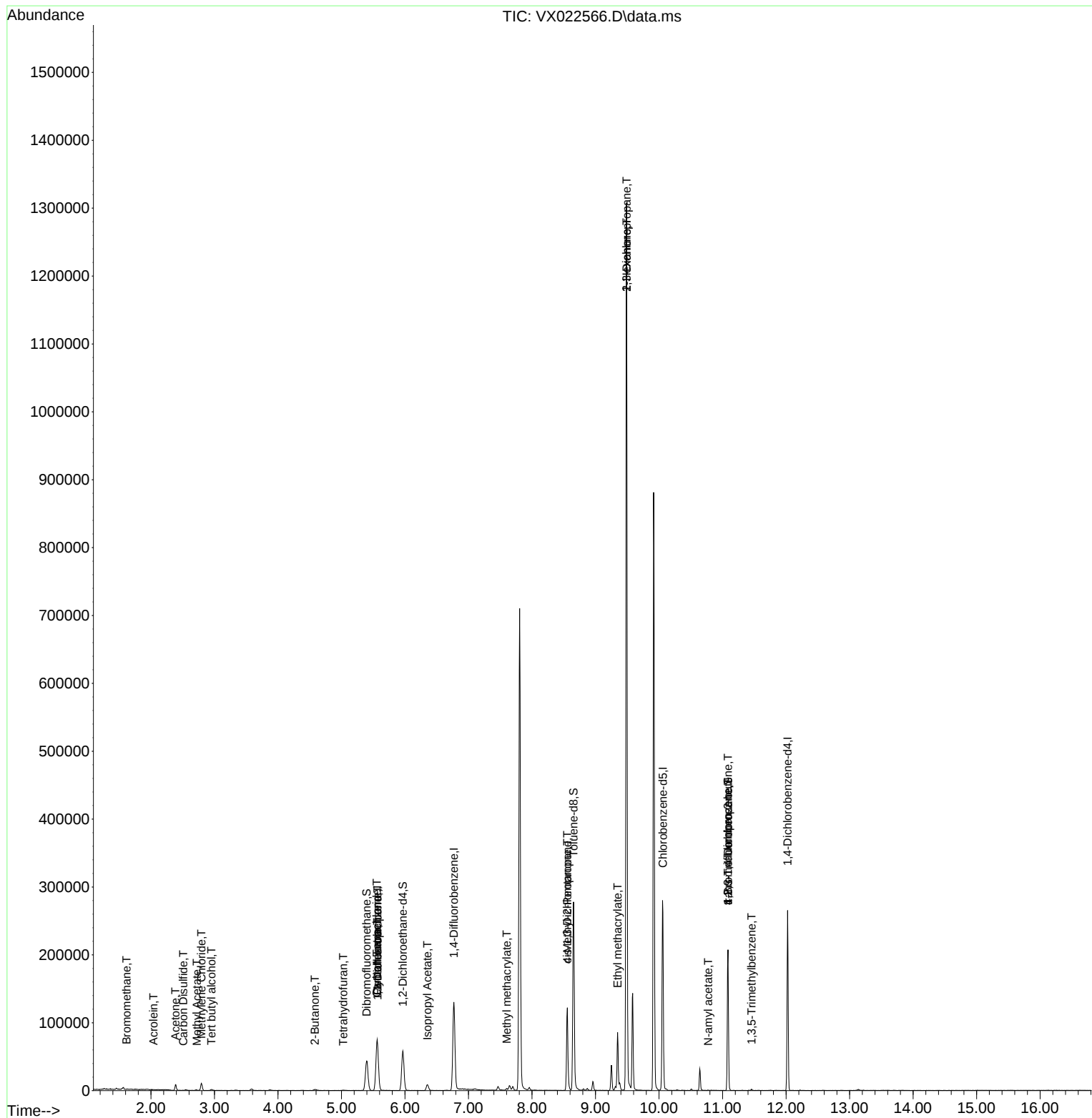
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	62501	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	118138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54085	48.677	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.360%
35) Dibromofluoromethane	5.397	113	37716	47.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.720%
50) Toluene-d8	8.653	98	158606	49.918	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.840%
62) 4-Bromofluorobenzene	11.085	95	56300	47.671	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.340%
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	132	0.292	ug/l	# 45
11) Tert butyl alcohol	2.953	59	1018	4.085	ug/l	# 73
13) Acrolein	2.038	56	47	3.510	ug/l	# 14
16) Acetone	2.386	43	8533	17.091	ug/l	94
17) Carbon Disulfide	2.507	76	20	3.393	ug/l	# 75
18) Methyl Acetate	2.721	43	1430	1.039	ug/l	# 65
20) Methylene Chloride	2.794	84	4228	4.056	ug/l	94
25) 2-Butanone	4.580	43	1670	2.024	ug/l	96
29) Tetrahydrofuran	5.025	42	314	0.648	ug/l	# 39
31) Cyclohexane	5.562	56	1702	1.295	ug/l	# 1
36) 1,1-Dichloropropene	5.568	75	5971	4.850	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	7270	8.175	ug/l	# 19
43) Isopropyl Acetate	6.354	43	11662	4.552	ug/l	93
48) Methyl methacrylate	7.604	41	3793	3.182	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	42724	26.770	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	18287	12.912	ug/l	# 64
56) Ethyl methacrylate	9.348	69	330	2.882	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10636	6.328	ug/l	# 42
59) 2-Hexanone	9.488	43	152291	124.910	ug/l	# 44
74) N-amyl acetate	10.774	43	528	0.270	ug/l	# 41
76) 1,2,3-Trichloropropane	11.085	75	30301	26.118	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	980	0.314	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.085	75	30301	64.373	ug/l	# 12

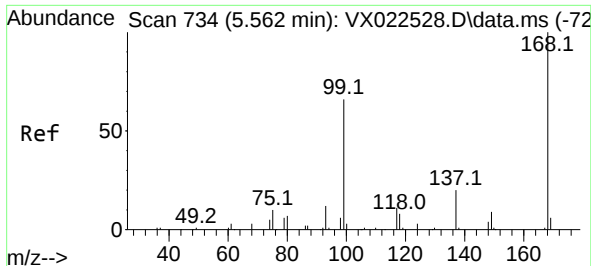
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
Data File : VX022566.D
Acq On : 08 Jun 2021 16:07
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Sample : PB136878ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

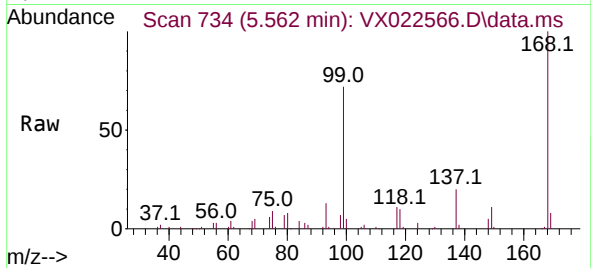
Quant Time: Jun 09 04:00:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



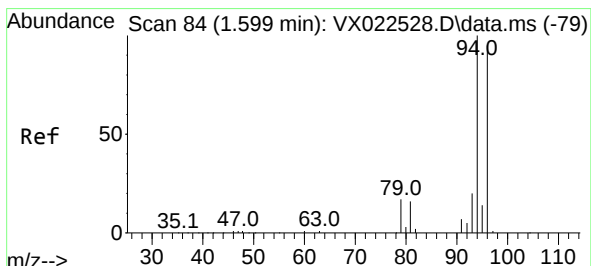
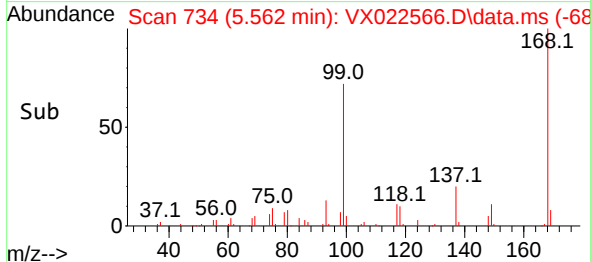
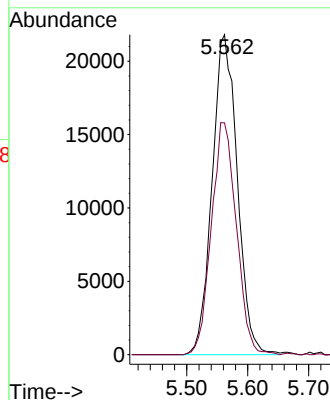


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Instrument :
MSVOA_X
ClientSampled :

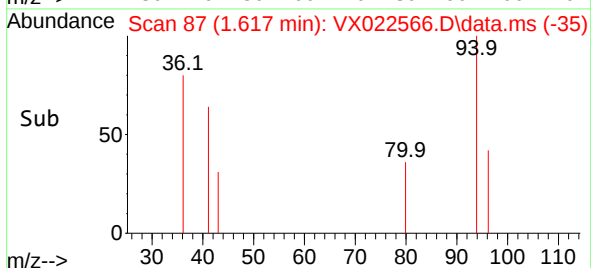
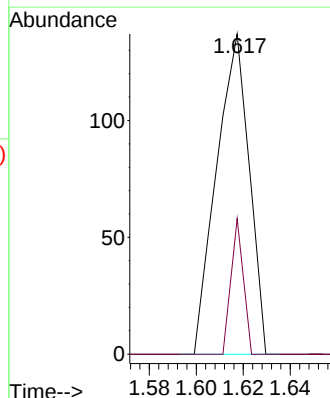
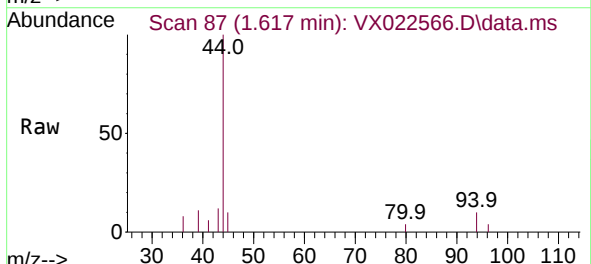


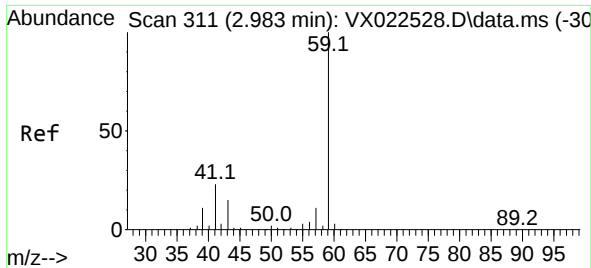
Tgt Ion:168 Resp: 62501
Ion Ratio Lower Upper
168 100
99 72.5 45.8 68.6#



#5
Bromomethane
Concen: 0.292 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion: 94 Resp: 132
Ion Ratio Lower Upper
94 100
96 42.3 76.4 114.6#

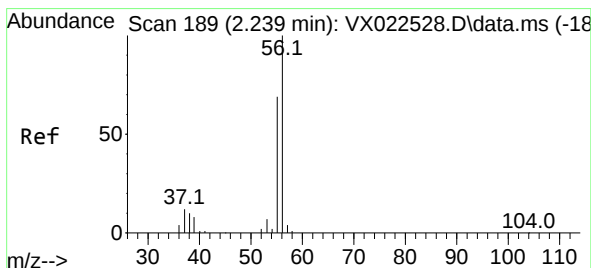
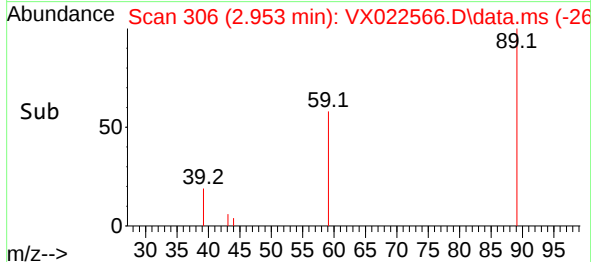
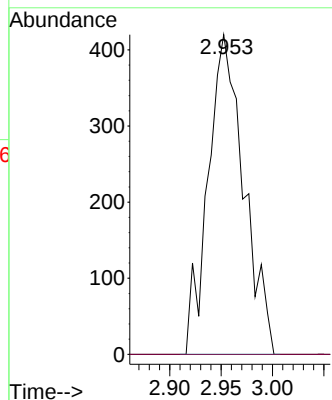
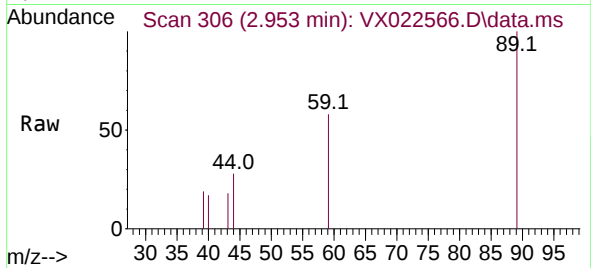




#11
Tert butyl alcohol
Concen: 4.085 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

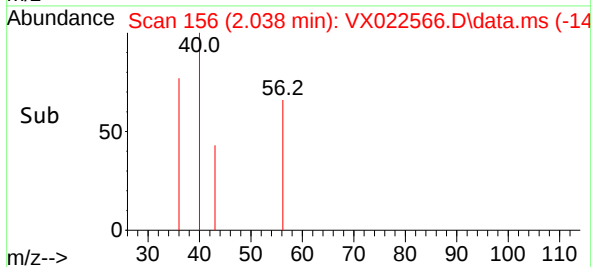
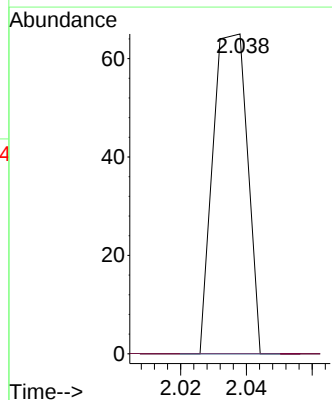
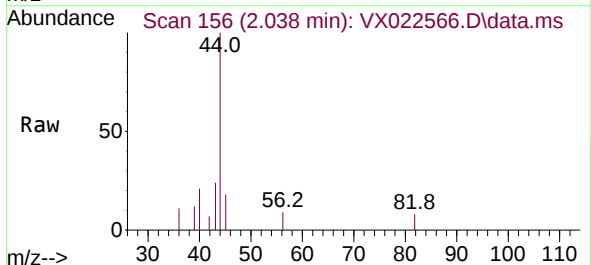
Instrument :
MSVOA_X
ClientSampled :

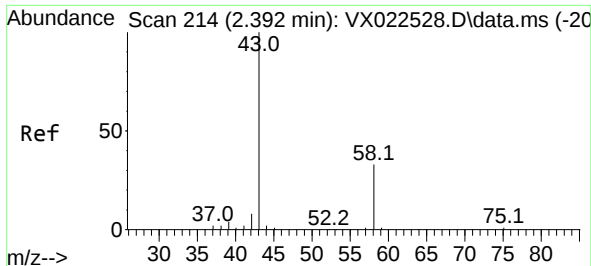
Tgt Ion: 59 Resp: 1018
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.510 ug/l
RT: 2.038 min Scan# 156
Delta R.T. -0.201 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

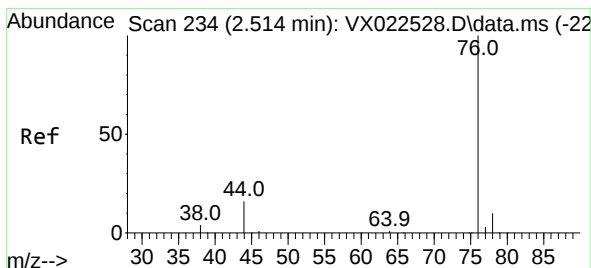
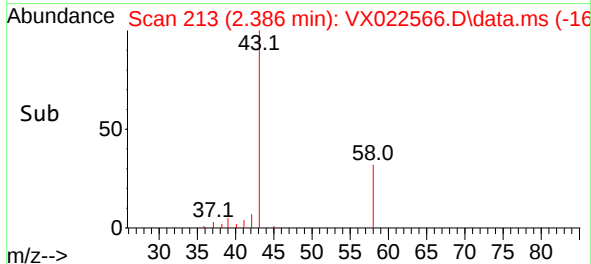
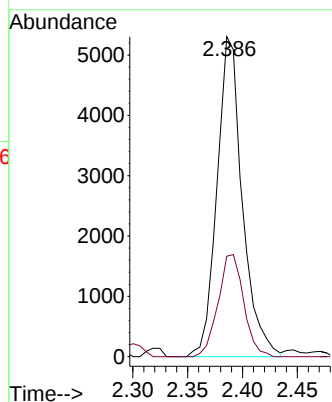
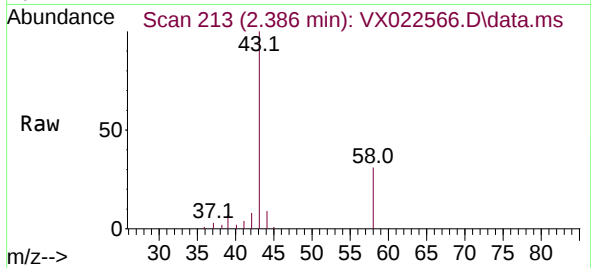




#16
Acetone
Concen: 17.091 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

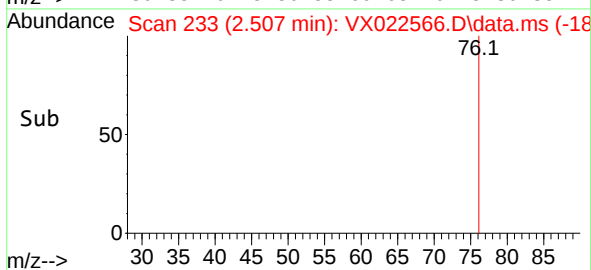
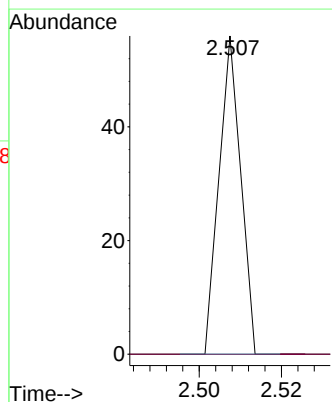
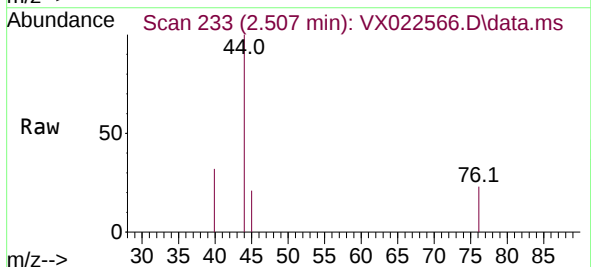
Instrument :
MSVOA_X
ClientSampled :

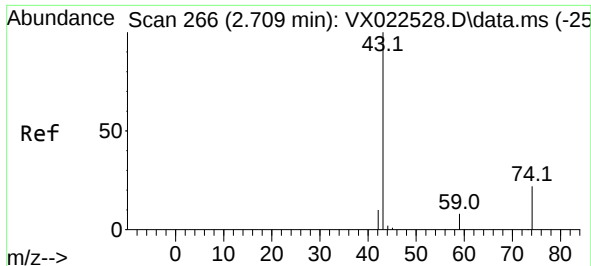
Tgt Ion: 43 Resp: 8533
Ion Ratio Lower Upper
43 100
58 31.4 27.8 41.8



#17
Carbon Disulfide
Concen: 3.393 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion: 76 Resp: 20
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

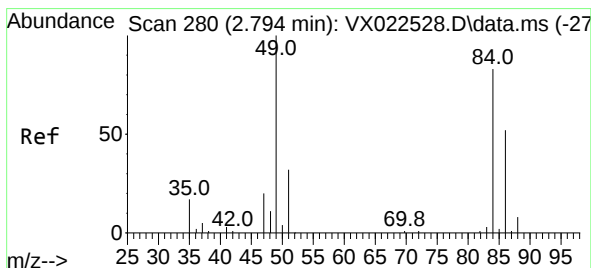
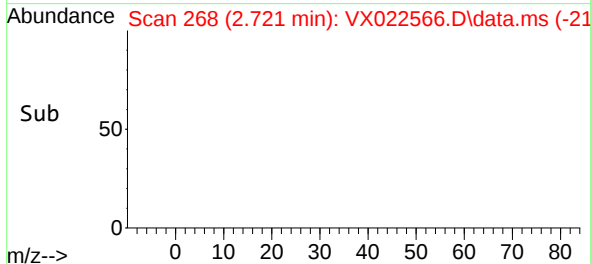
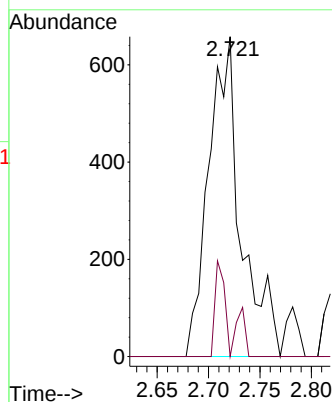
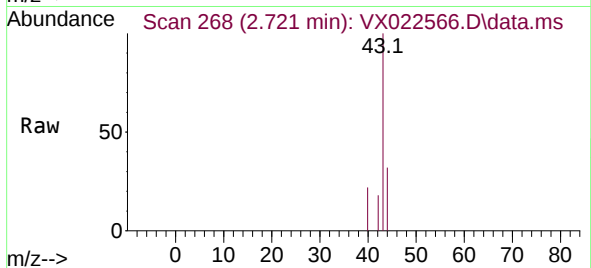




#18
Methyl Acetate
Concen: 1.039 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

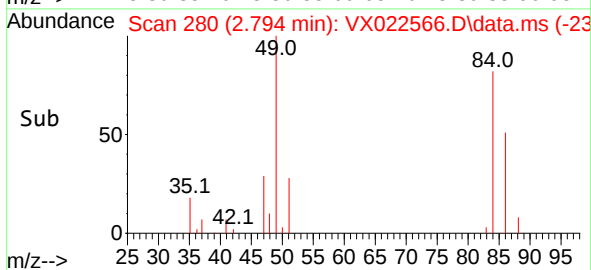
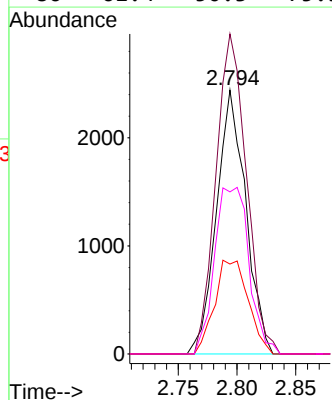
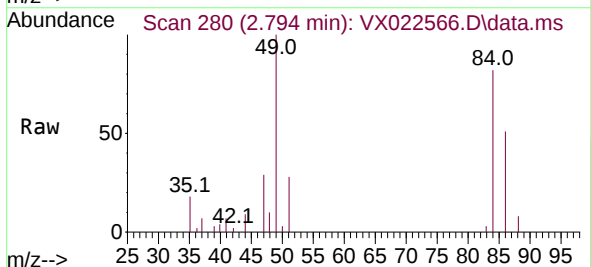
Instrument :
MSVOA_X
ClientSampled :

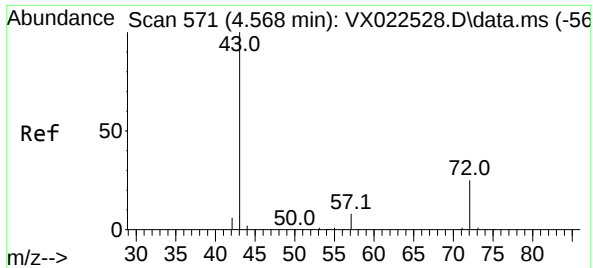
Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
74 9.0 21.9 32.9#



#20
Methylene Chloride
Concen: 4.056 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion: 84 Resp: 4228
Ion Ratio Lower Upper
84 100
49 121.3 88.6 132.8
51 34.1 27.0 40.6
86 61.4 50.3 75.5

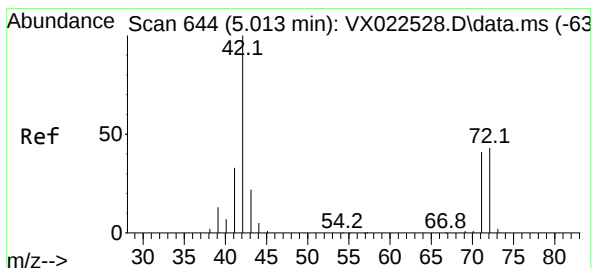
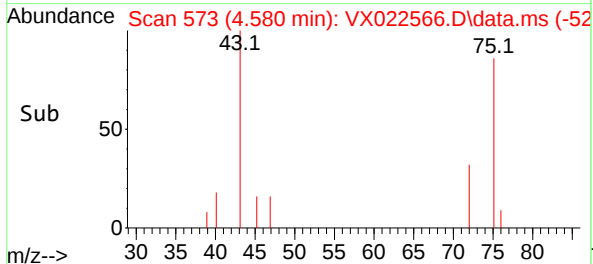
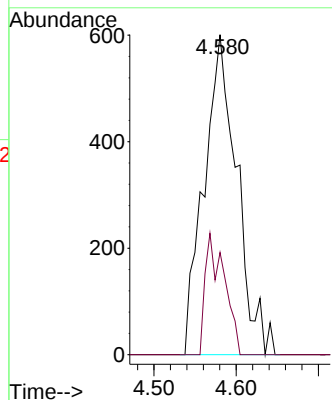
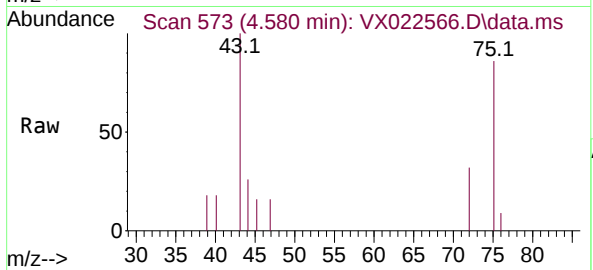




#25
2-Butanone
Concen: 2.024 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

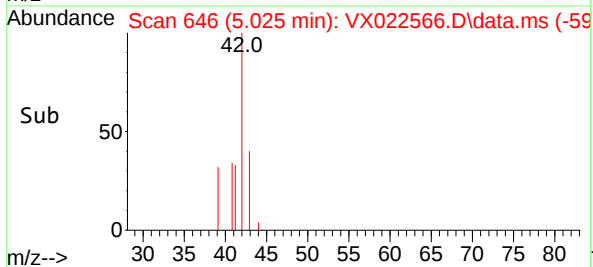
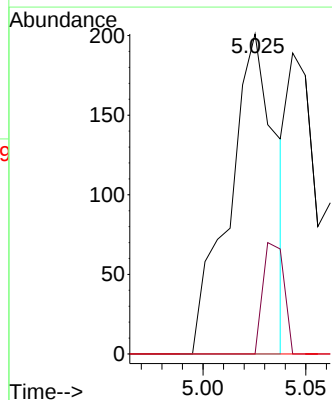
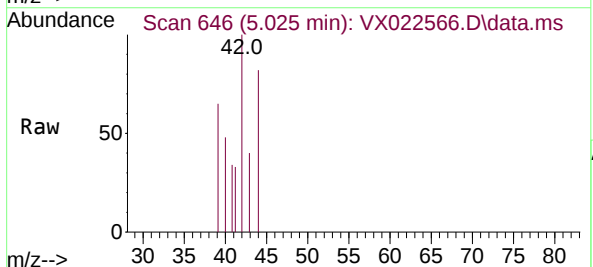
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MSVOA_X
ClientSampled :

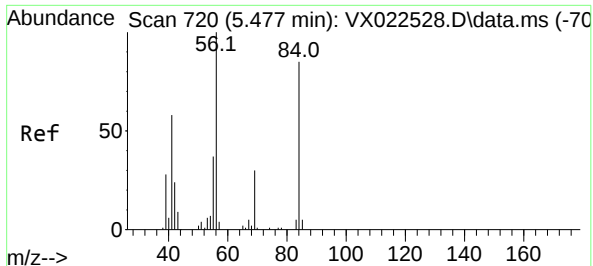
Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
72 31.9 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.648 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion: 42 Resp: 314
Ion Ratio Lower Upper
42 100
72 15.9 41.7 62.5#
71 0.0 38.4 57.6#

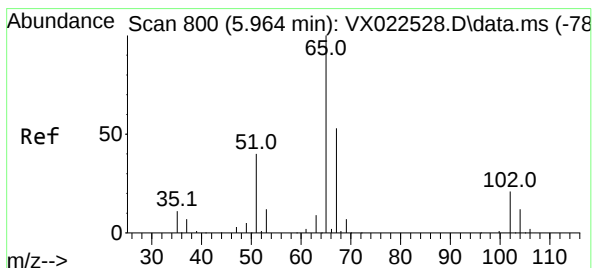
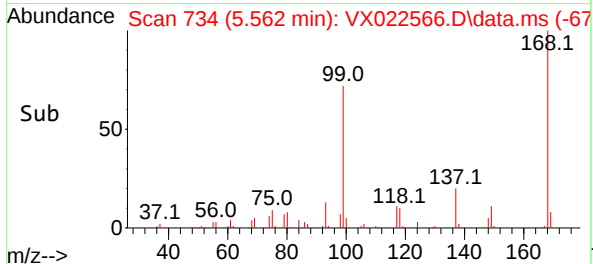
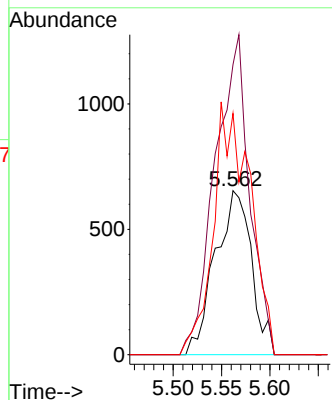
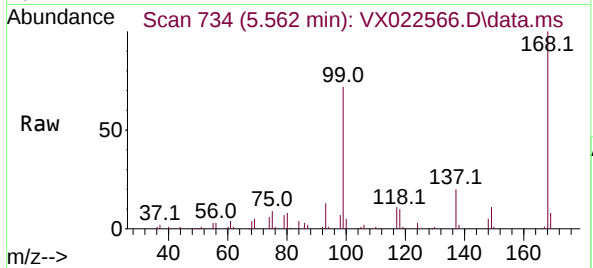




#31
Cyclohexane
Concen: 1.295 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

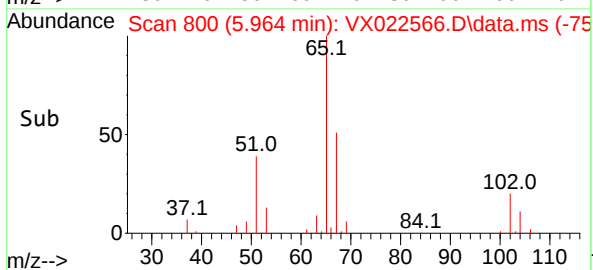
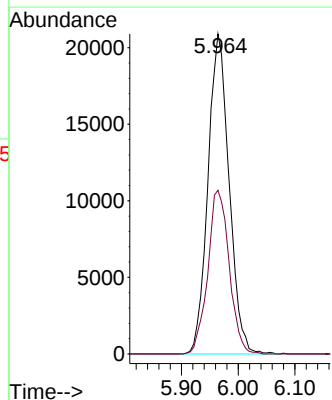
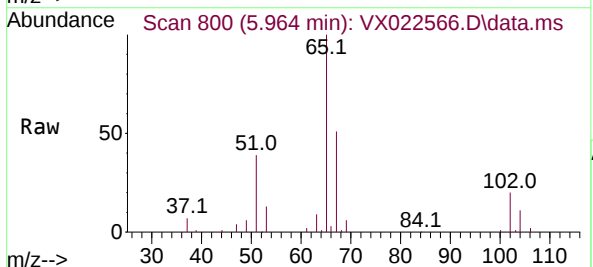
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MSVOA_X
ClientSampled :

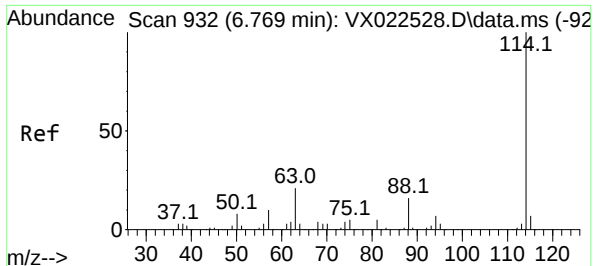
Tgt Ion: 56 Resp: 1702
Ion Ratio Lower Upper
56 100
69 176.9 25.3 37.9#
84 147.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.677 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion: 65 Resp: 54085
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

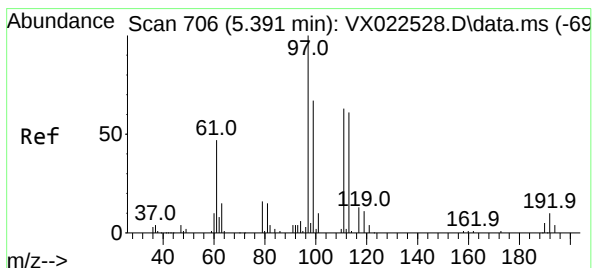
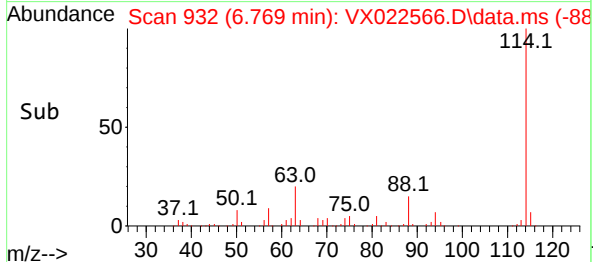
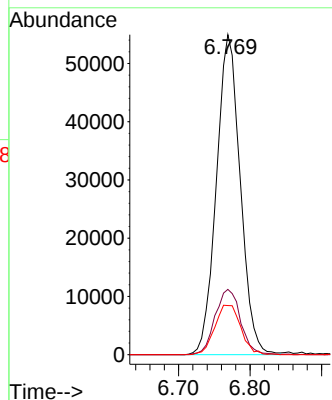
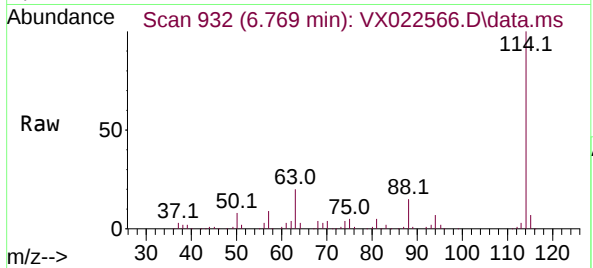




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

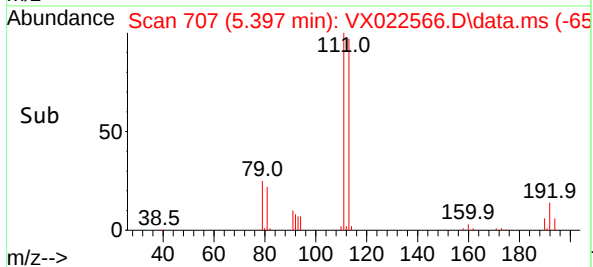
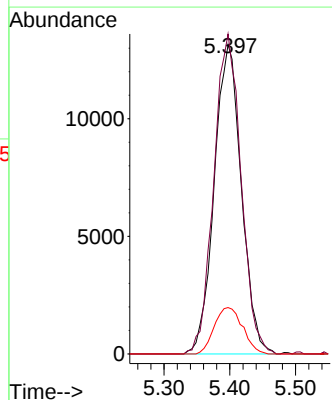
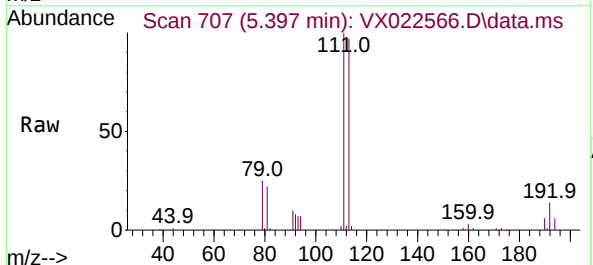
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MSVOA_X
ClientSampleId :

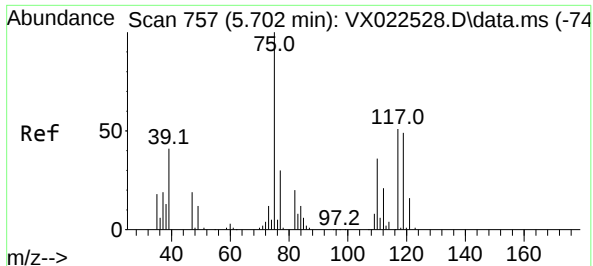
Tgt Ion:114 Resp: 127274
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.364 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion:113 Resp: 37716
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 15.7 16.7 25.1#

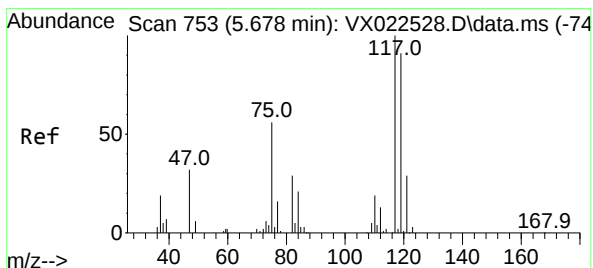
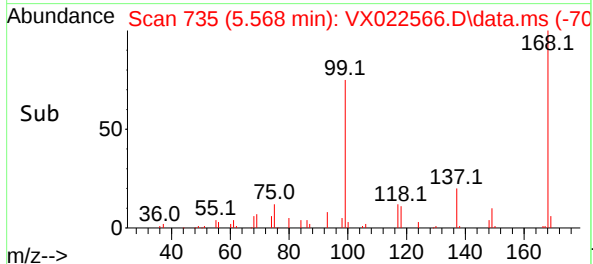
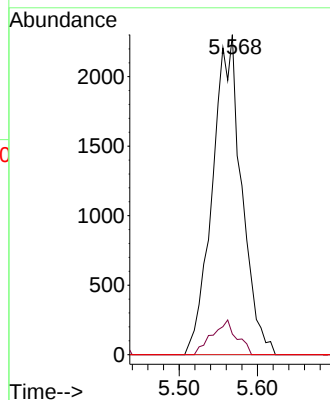
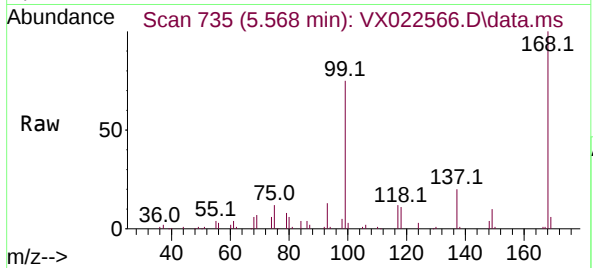




#36
1,1-Dichloropropene
Concen: 4.850 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

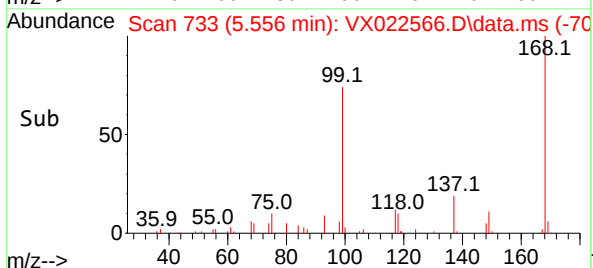
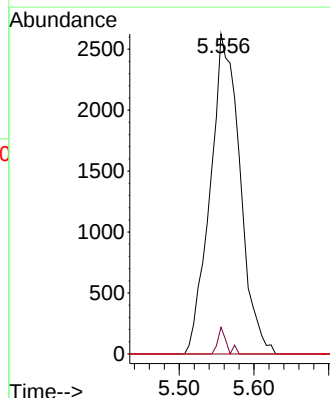
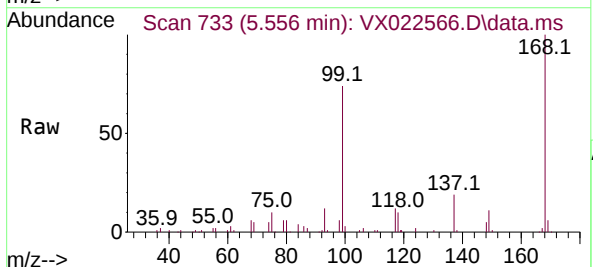
Instrument :
MSVOA_X
ClientSampled :

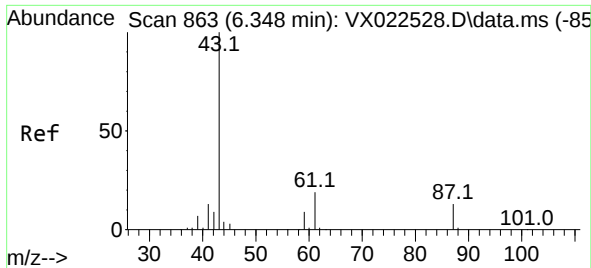
Tgt Ion: 75 Resp: 5971
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 8.175 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion: 117 Resp: 7270
Ion Ratio Lower Upper
117 100
119 8.3 76.2 114.2#
121 0.0 24.8 37.2#

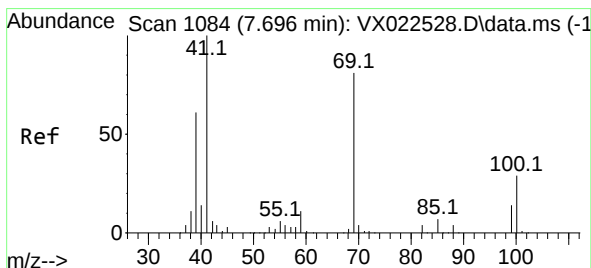
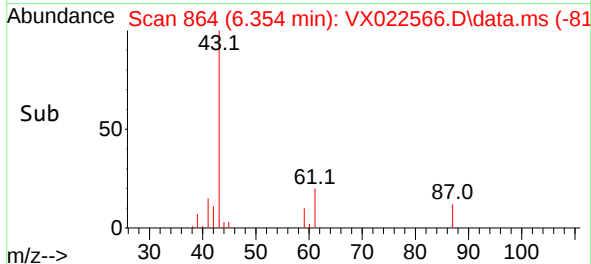
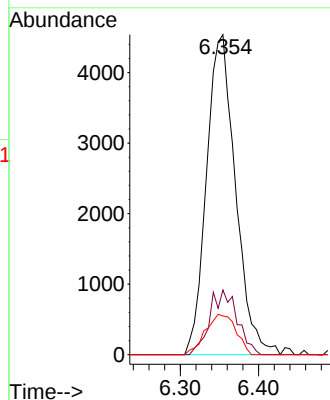
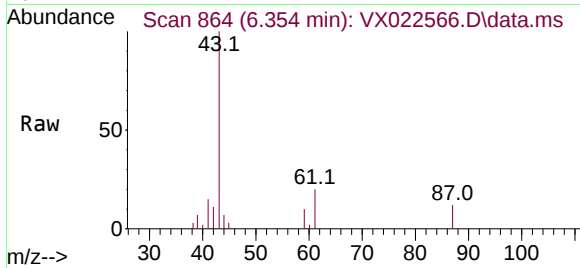




#43
Isopropyl Acetate
Concen: 4.552 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

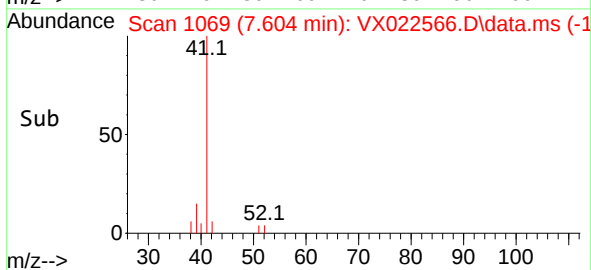
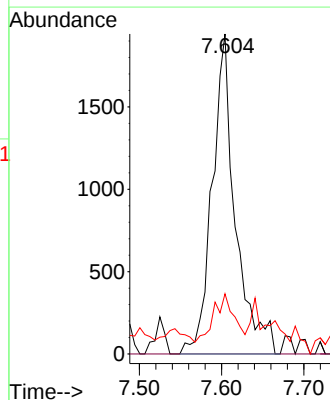
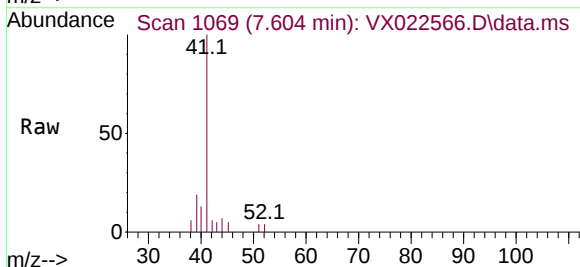
Instrument :
MSVOA_X
ClientSampleId :

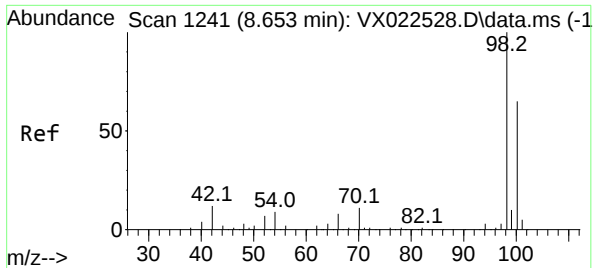
Tgt Ion:	43	Resp:	11662
Ion	Ratio	Lower	Upper
43	100		
61	19.2	18.2	27.4
87	13.3	12.5	18.7



#48
Methyl methacrylate
Concen: 3.182 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion:	41	Resp:	3793
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

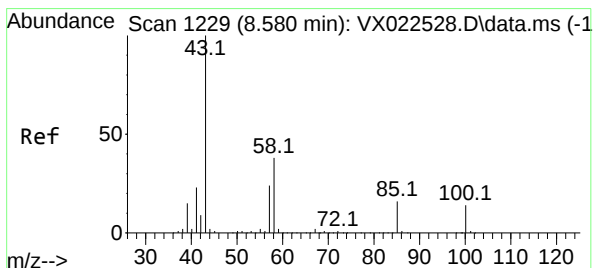
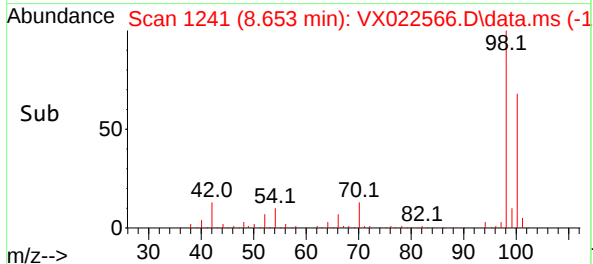
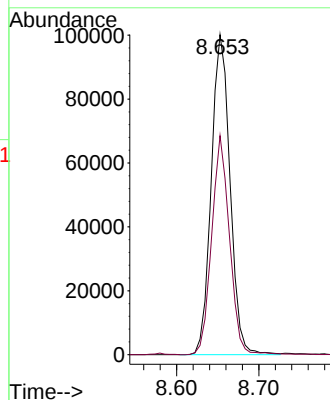
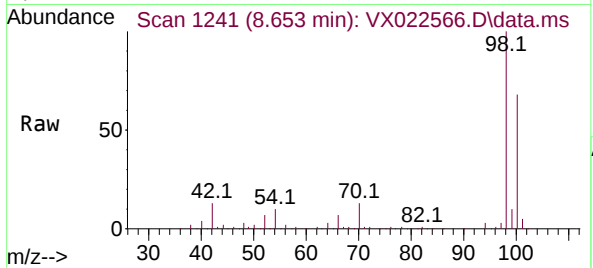




#50
Toluene-d8
Concen: 49.918 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

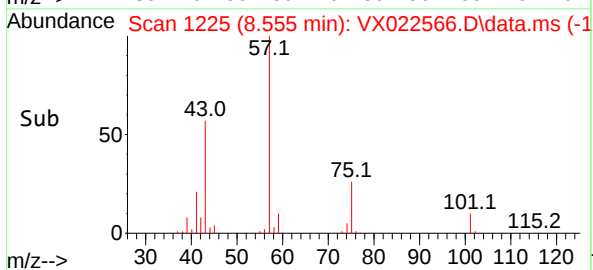
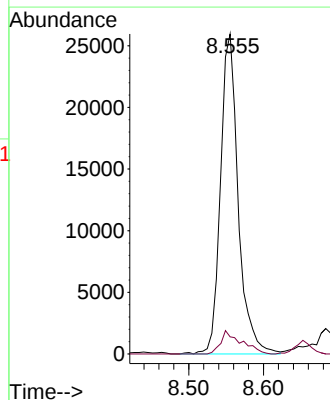
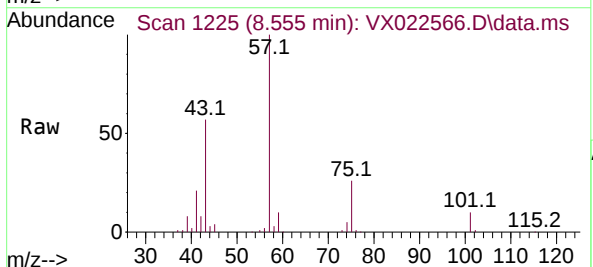
Instrument :
MSVOA_X
ClientSampled :

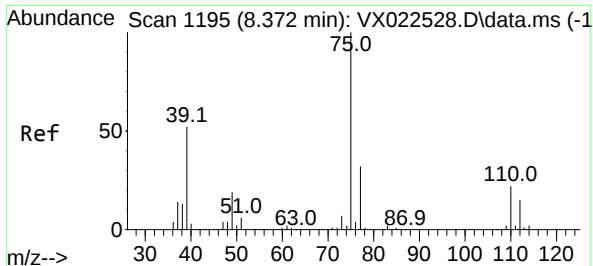
Tgt Ion: 98 Resp: 158606
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 26.770 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion: 43 Resp: 42724
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#

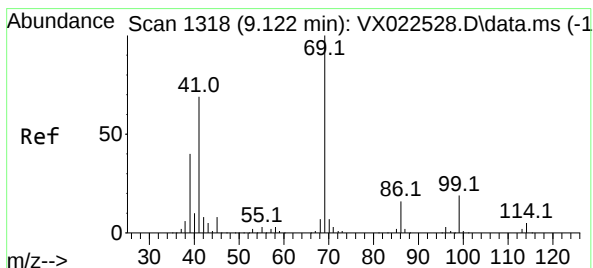
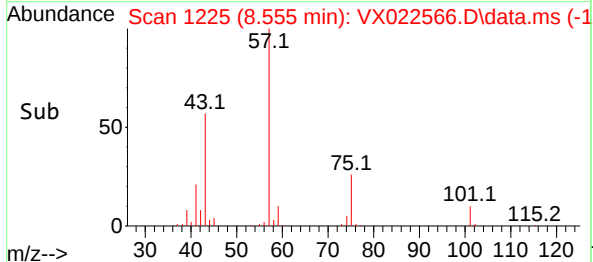
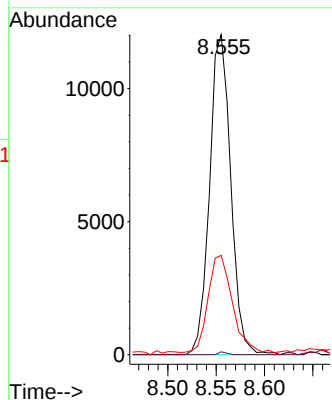
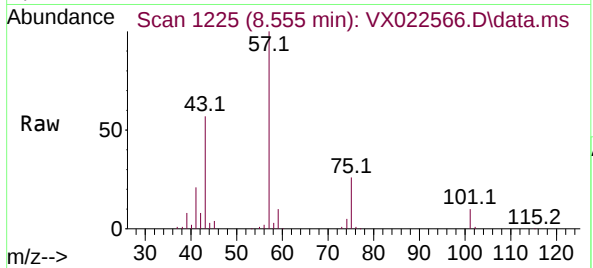




#54
 cis-1,3-Dichloropropene
 Concen: 12.912 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX022566.D
 Acq: 08 Jun 2021 16:07

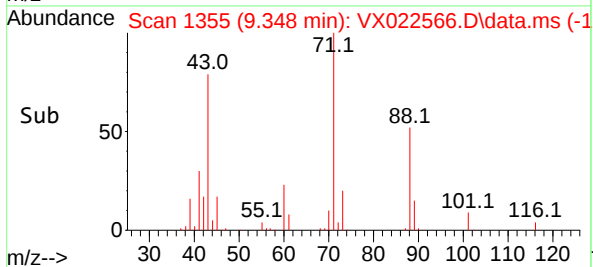
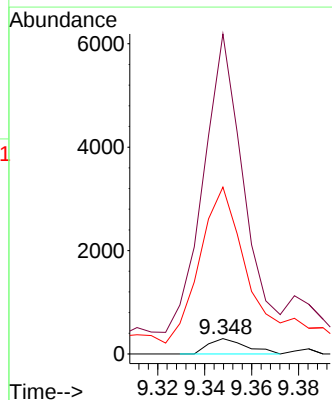
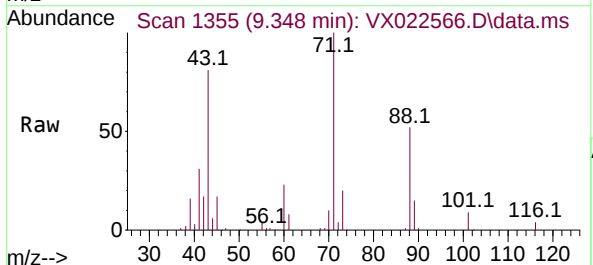
Instrument :
 MSVOA_X
 ClientSampled :

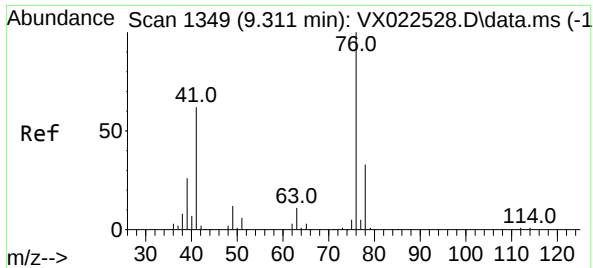
Tgt Ion: 75 Resp: 18287
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.7 38.5#
 39 30.3 35.1 52.7#



#56
 Ethyl methacrylate
 Concen: 2.882 ug/l
 RT: 9.348 min Scan# 1355
 Delta R.T. 0.226 min
 Lab File: VX022566.D
 Acq: 08 Jun 2021 16:07

Tgt Ion: 69 Resp: 330
 Ion Ratio Lower Upper
 69 100
 41 2461.8 46.8 70.2#
 39 1352.1 24.7 37.1#

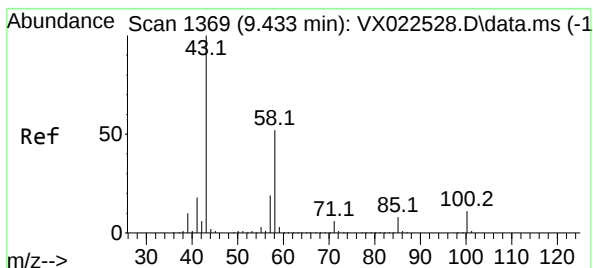
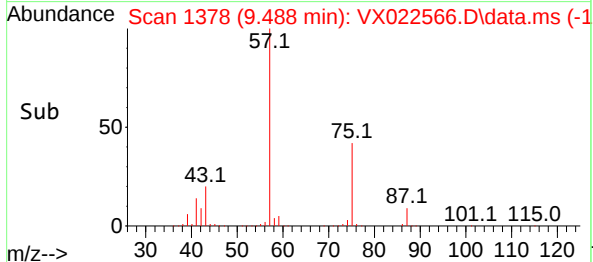
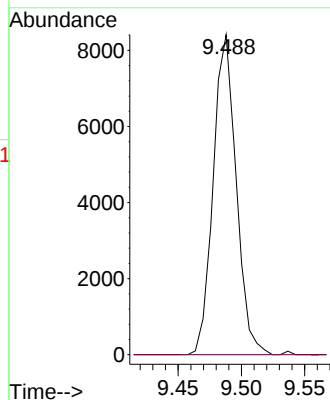
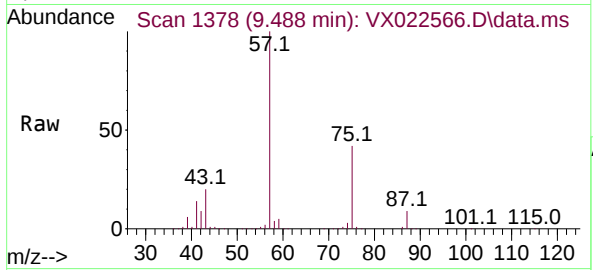




#57
1,3-Dichloropropane
Concen: 6.328 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

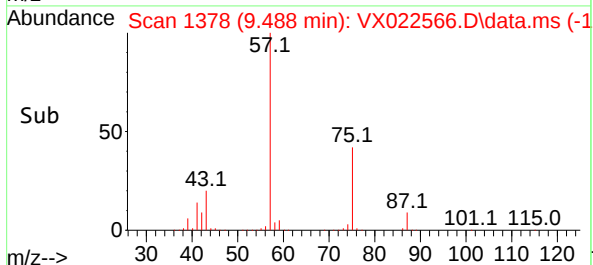
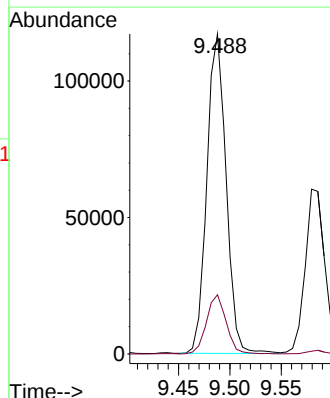
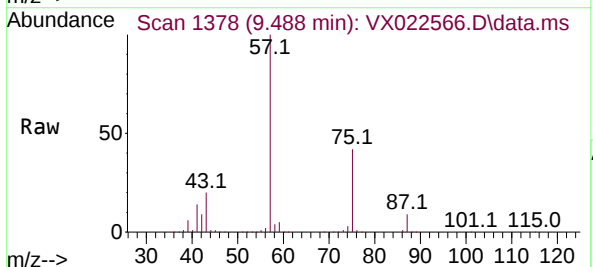
Instrument :
MSVOA_X
ClientSampled :

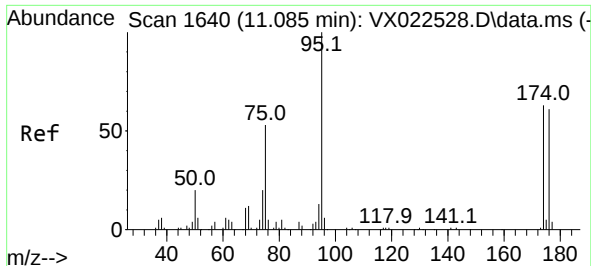
Tgt Ion: 76 Resp: 10636
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 124.910 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion: 43 Resp: 152291
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#

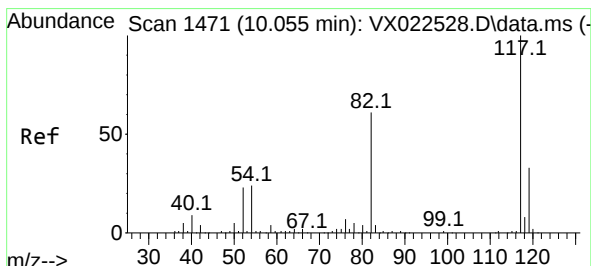
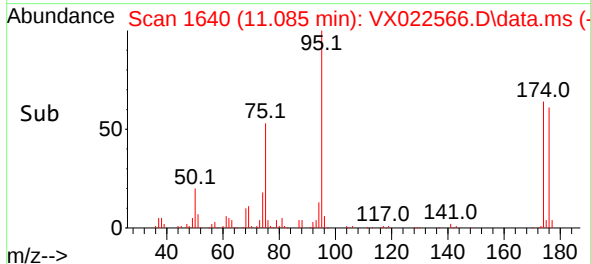
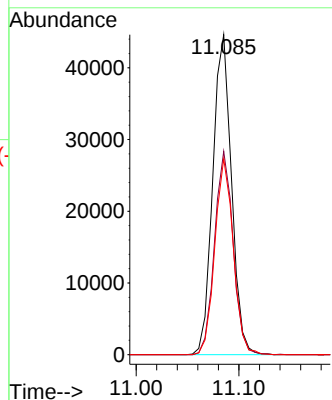
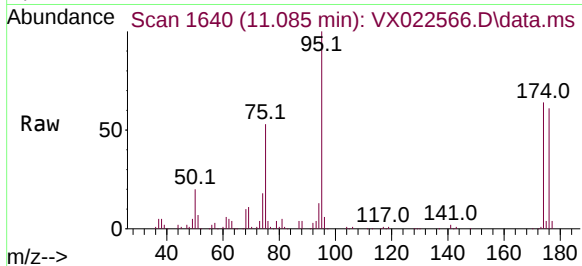




#62
4-Bromofluorobenzene
Concen: 47.671 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

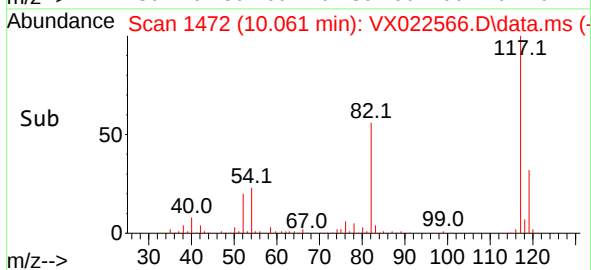
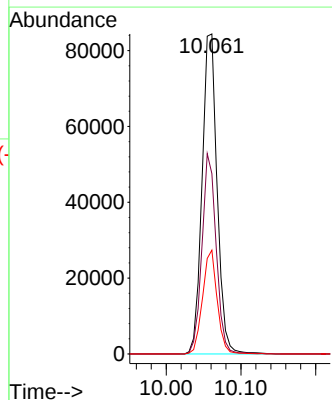
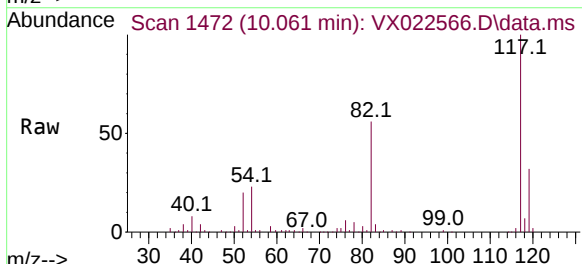
Instrument :
MSVOA_X
ClientSampled :

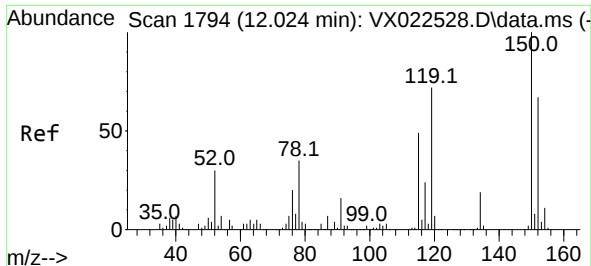
Tgt Ion: 95 Resp: 56300
Ion Ratio Lower Upper
95 100
174 62.9 0.0 154.6
176 60.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion: 117 Resp: 118138
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.5 26.6 39.8

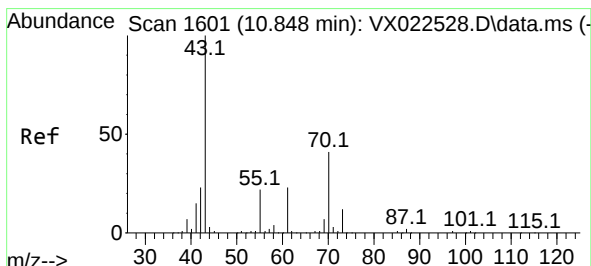
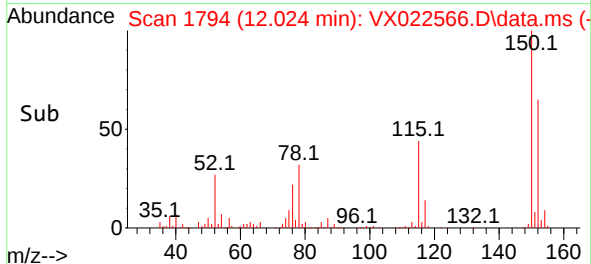
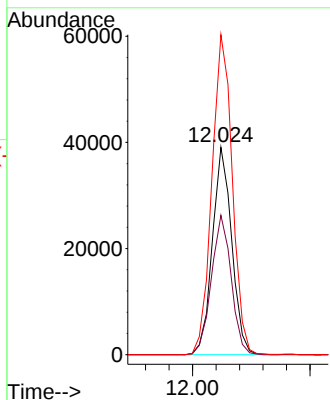
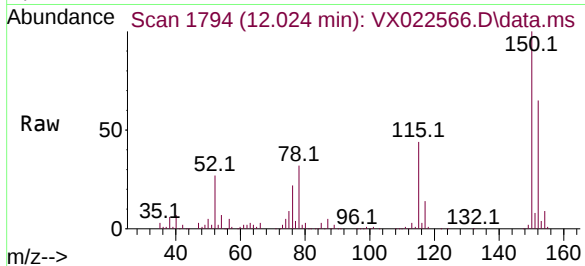




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

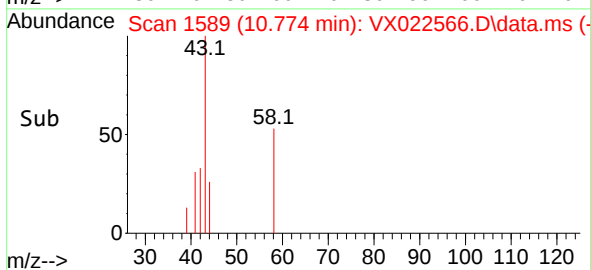
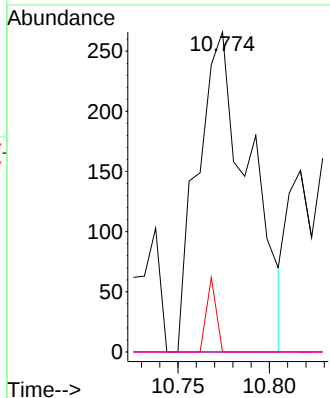
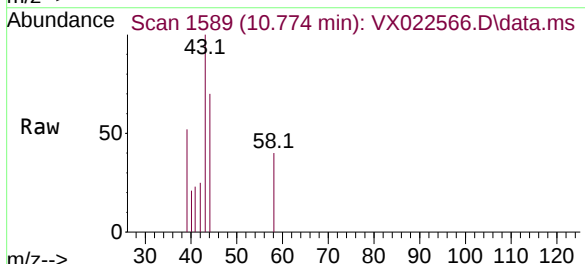
Instrument :
MSVOA_X
ClientSampleId :

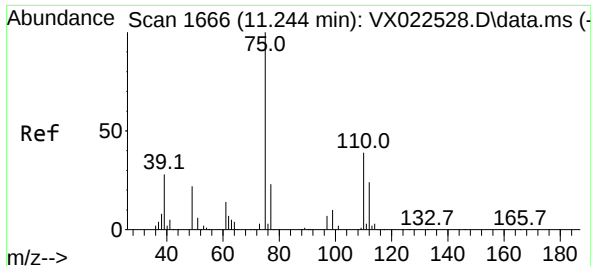
Tgt Ion:152 Resp: 44783
Ion Ratio Lower Upper
152 100
115 68.6 41.1 123.3
150 162.3 0.0 349.0



#74
N-ethyl acetate
Concen: 0.270 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 4.4 21.5 32.3#
61 0.0 22.1 33.1#

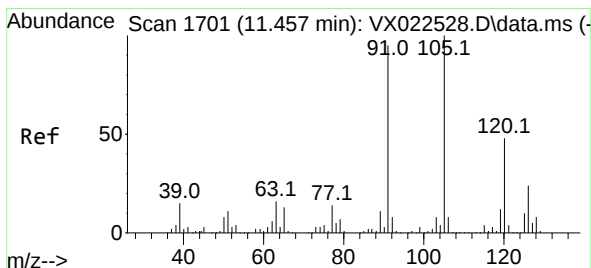
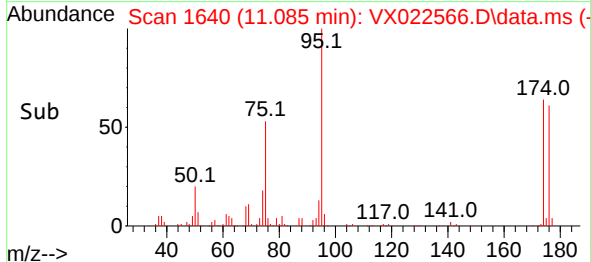
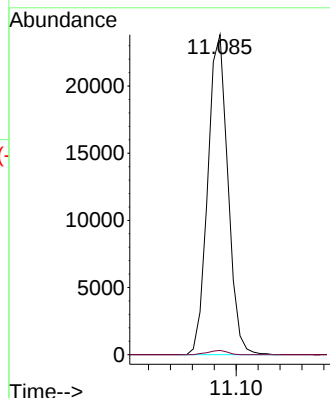
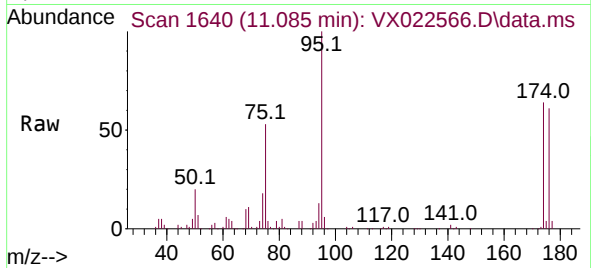




#76
1,2,3-Trichloropropane
Concen: 26.118 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

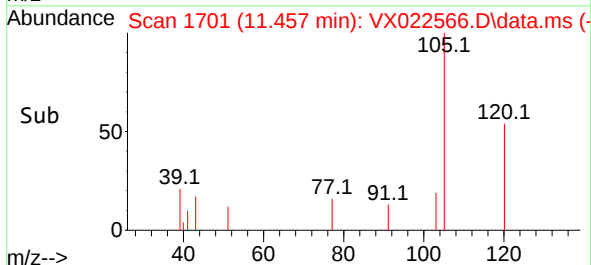
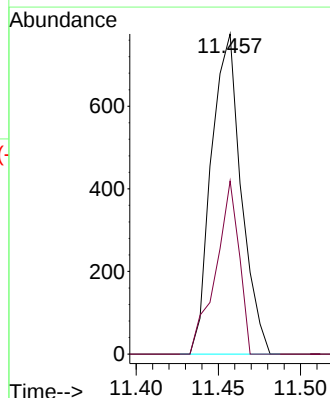
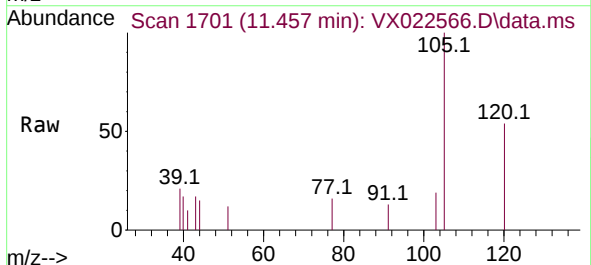
Instrument :
MSVOA_X
ClientSampled :

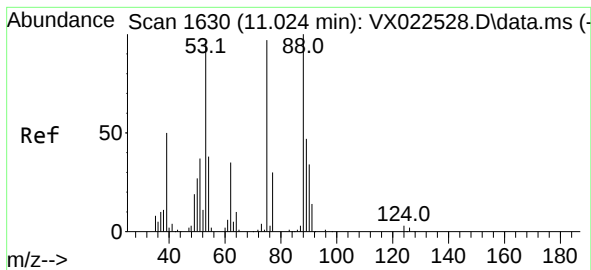
Tgt Ion: 75 Resp: 30301
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.314 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022566.D
Acq: 08 Jun 2021 16:07

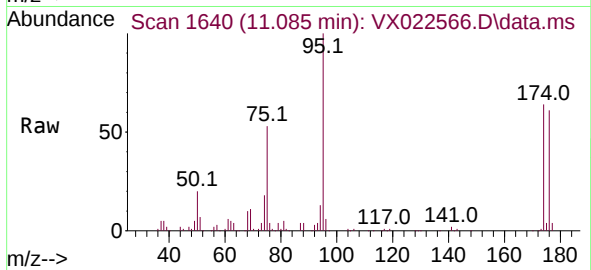
Tgt Ion:105 Resp: 980
Ion Ratio Lower Upper
105 100
120 41.9 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.373 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022566.D
 Acq: 08 Jun 2021 16:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 30301
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

