

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022542.D
 Acq On : 07 Jun 2021 18:27
 Operator : JC/MD
 Sample : M2583-22 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 18:54:52 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)

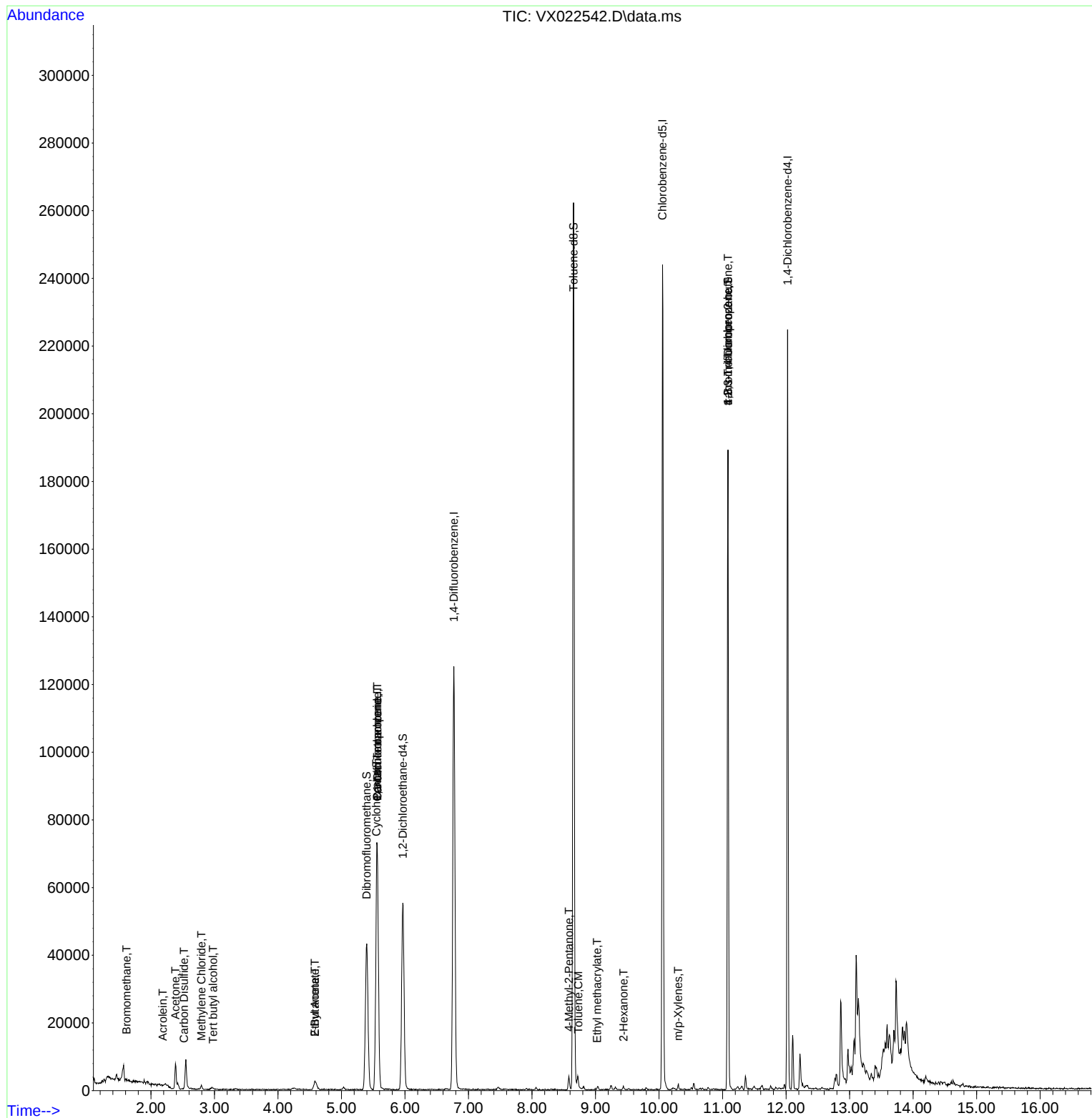
Internal Standards						
1) Pentafluorobenzene	5.562	168	60495	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51271	47.674	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.340%
35) Dibromofluoromethane	5.397	113	36912	47.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	8.653	98	153435	49.674	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.085	95	51084	44.494	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.980%
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	177	0.405	ug/l	# 2
11) Tert butyl alcohol	2.977	59	660	2.736	ug/l	# 73
13) Acrolein	2.184	56	41	3.471	ug/l	# 14
16) Acetone	2.386	43	7870	16.286	ug/l	97
17) Carbon Disulfide	2.520	76	176	3.469	ug/l	# 75
20) Methylene Chloride	2.794	84	496	0.492	ug/l	91
25) 2-Butanone	4.580	43	1761	2.205	ug/l	91
31) Cyclohexane	5.550	56	1848	1.453	ug/l	# 49
36) 1,1-Dichloropropene	5.562	75	6092	5.090	ug/l	# 47
37) Ethyl Acetate	4.580	43	1761	1.147	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	7143	8.239	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.580	43	2358	1.520	ug/l	90
52) Toluene	8.726	92	1218	0.525	ug/l	99
56) Ethyl methacrylate	9.025	69	24	2.714	ug/l	# 1
59) 2-Hexanone	9.439	43	518	0.437	ug/l	88
68) m/p-Xylenes	10.299	106	332	0.223	ug/l	# 52
76) 1,2,3-Trichloropropane	11.085	75	27211	26.524	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27211	65.284	ug/l	# 12

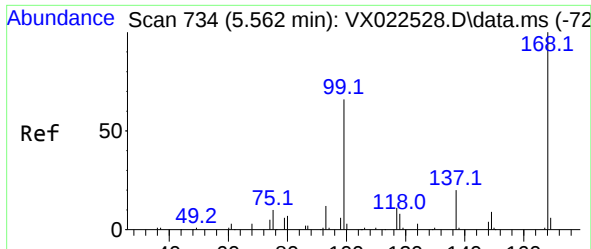
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

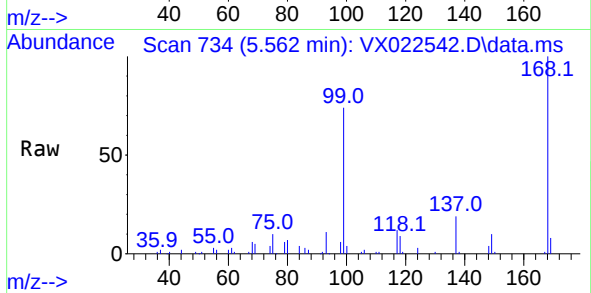
Quant Time: Jun 07 18:54:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



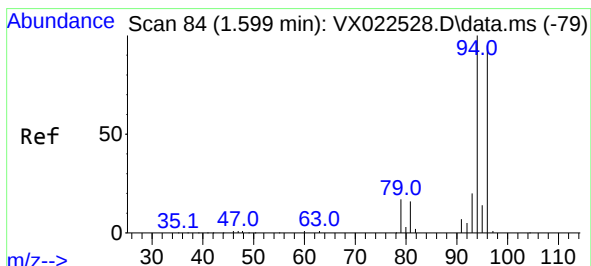
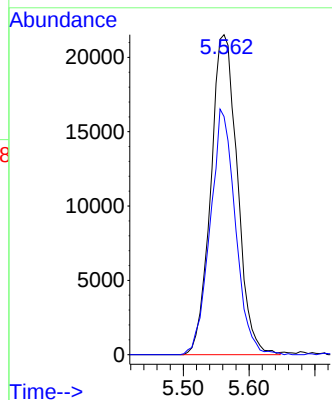
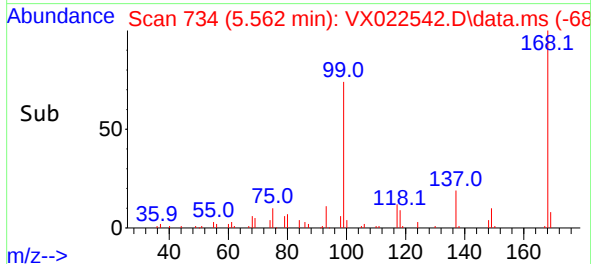


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

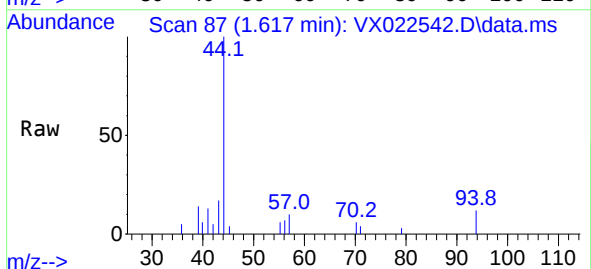
Instrument :
MSVOA_X
ClientSampleId :



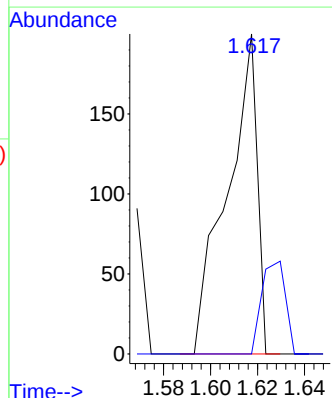
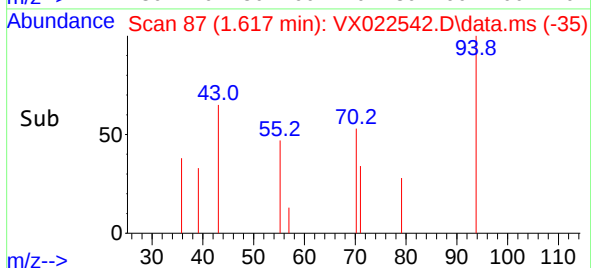
Tgt Ion:168 Resp: 60495
Ion Ratio Lower Upper
168 100
99 74.4 45.8 68.6#

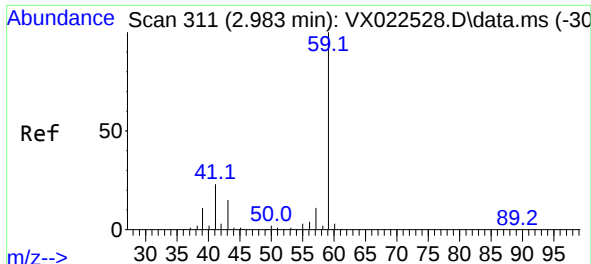


#5
Bromomethane
Concen: 0.405 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27



Tgt Ion: 94 Resp: 177
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



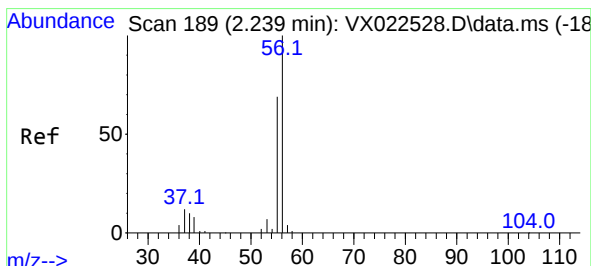
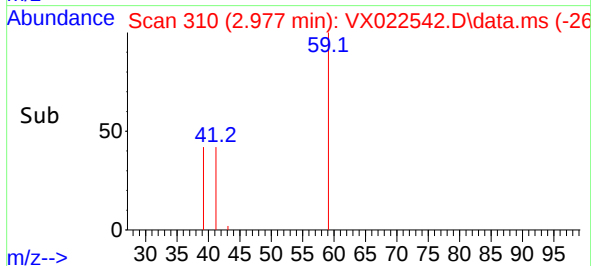
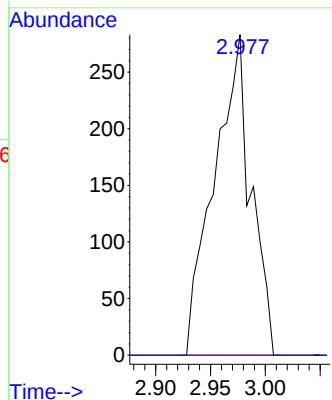
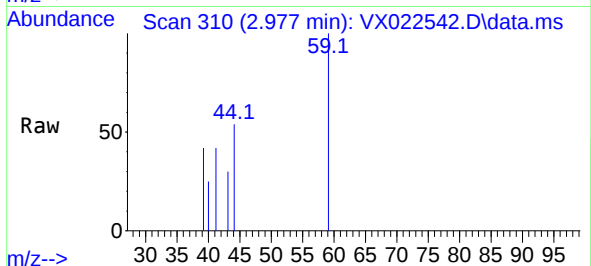


#11

Tert butyl alcohol
Concen: 2.736 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Instrument :
MSVOA_X
ClientSampled :

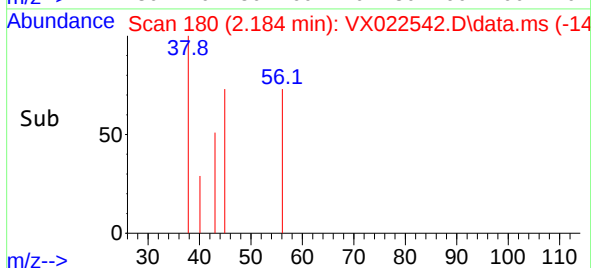
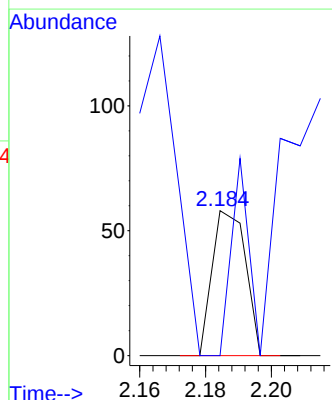
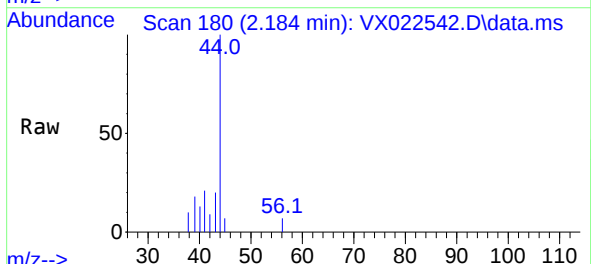
Tgt Ion: 59 Resp: 660
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

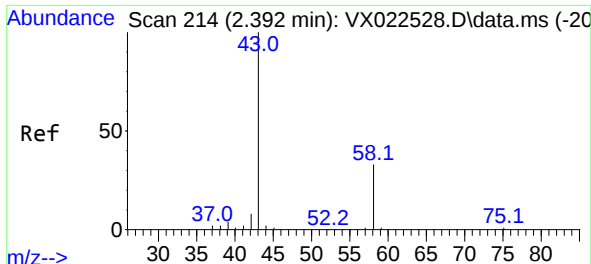


#13

Acrolein
Concen: 3.471 ug/l
RT: 2.184 min Scan# 180
Delta R.T. -0.055 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

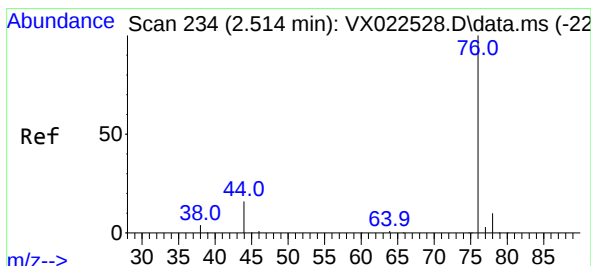
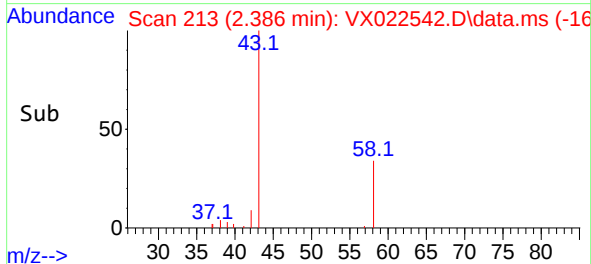
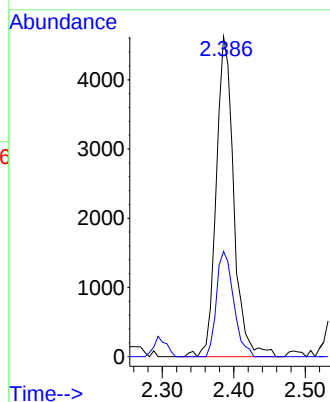
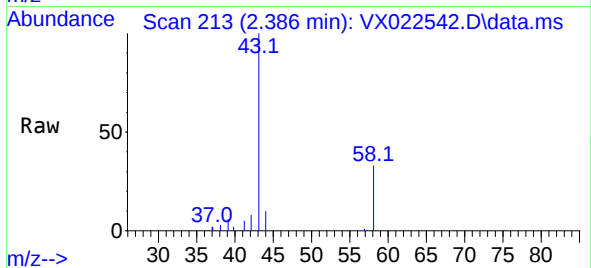




#16
Acetone
Concen: 16.286 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

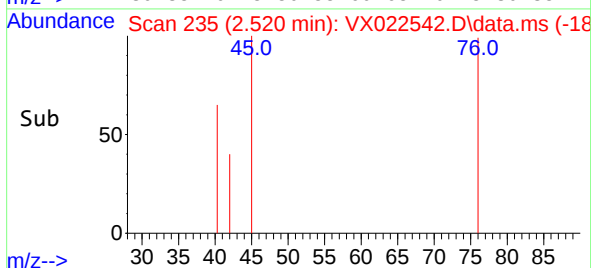
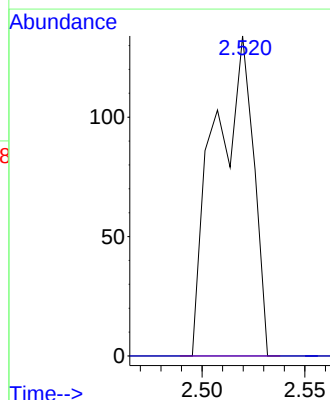
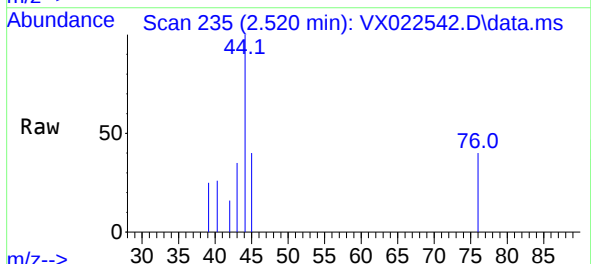
Instrument :
MSVOA_X
ClientSampled :

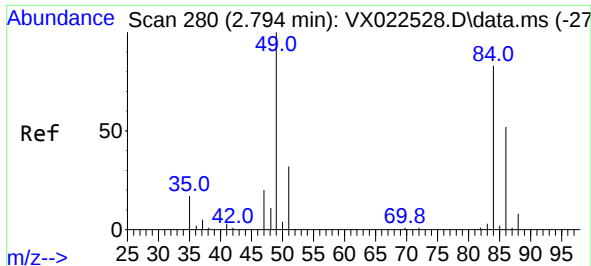
Tgt Ion: 43 Resp: 7870
Ion Ratio Lower Upper
43 100
58 32.9 27.8 41.8



#17
Carbon Disulfide
Concen: 3.469 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Tgt Ion: 76 Resp: 176
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.492 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022542.D

Acq: 07 Jun 2021 18:27

Tgt Ion: 84 Resp: 496

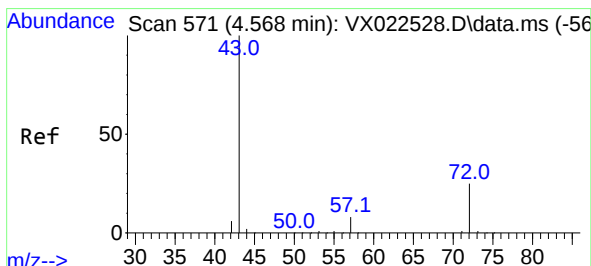
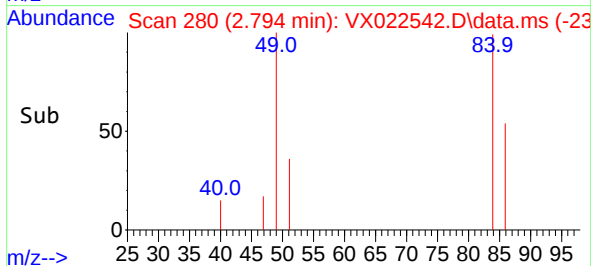
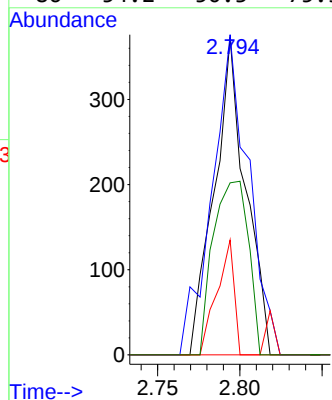
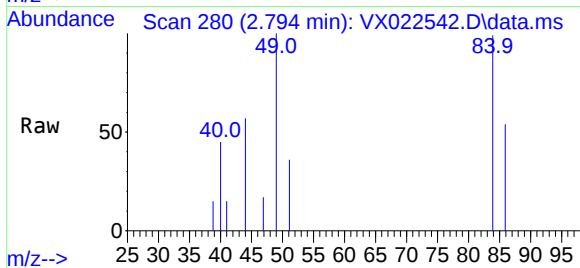
Ion Ratio Lower Upper

84 100

49 100.8 88.6 132.8

51 36.2 27.0 40.6

86 54.2 50.3 75.5



#25

2-Butanone

Concen: 2.205 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022542.D

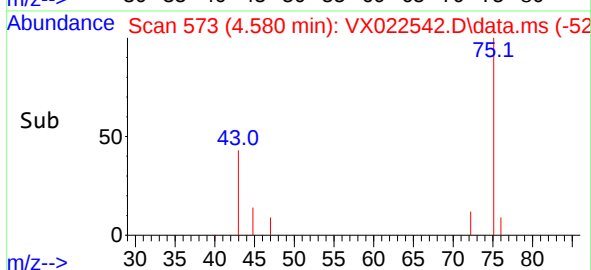
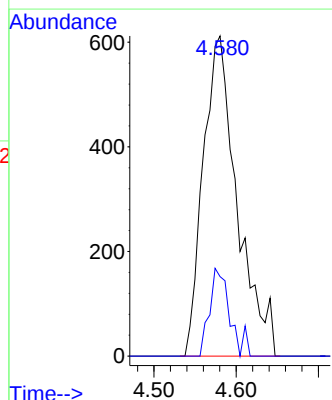
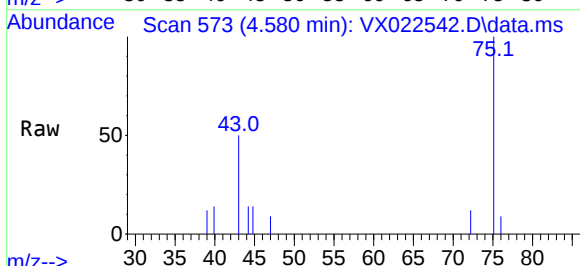
Acq: 07 Jun 2021 18:27

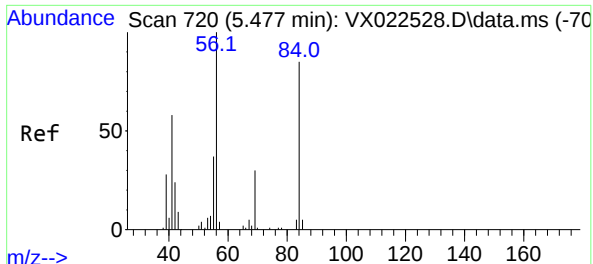
Tgt Ion: 43 Resp: 1761

Ion Ratio Lower Upper

43 100

72 24.8 23.7 35.5

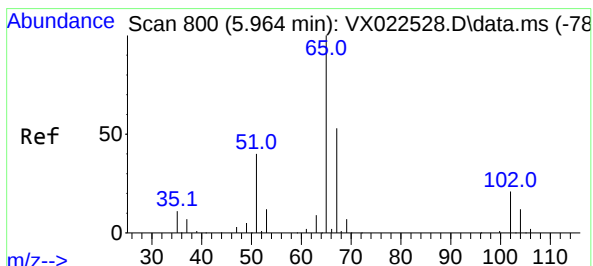
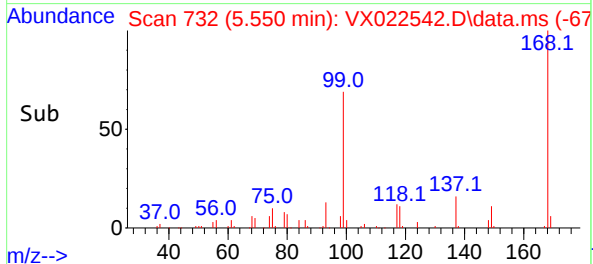
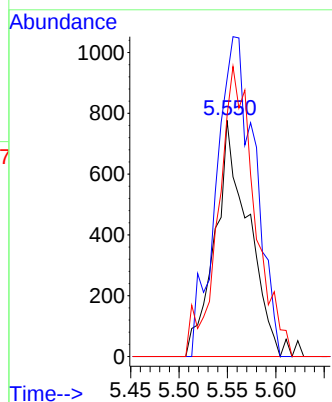
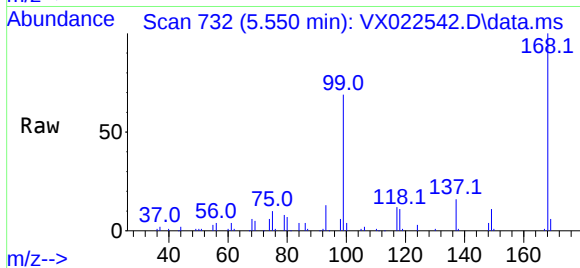




#31
Cyclohexane
Concen: 1.453 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

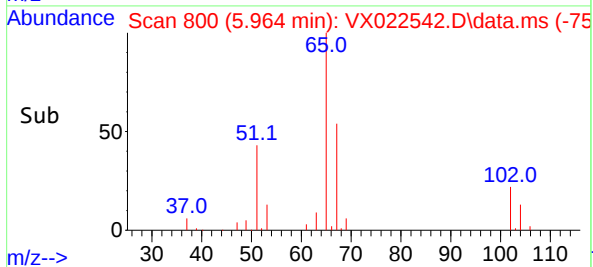
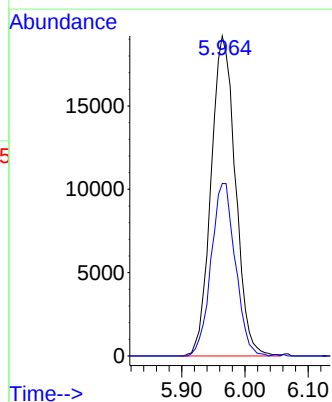
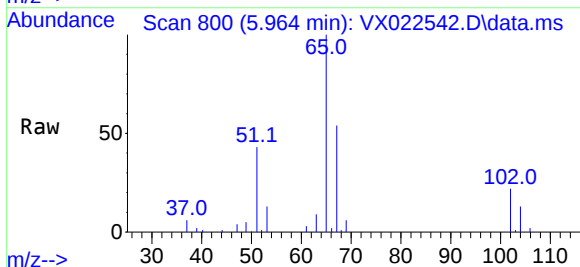
Instrument :
MSVOA_X
ClientSampleId :

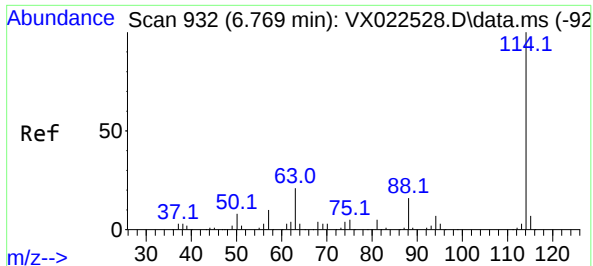
Tgt Ion: 56 Resp: 1848
Ion Ratio Lower Upper
56 100
69 117.5 25.3 37.9#
84 101.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.674 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Tgt Ion: 65 Resp: 51271
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4

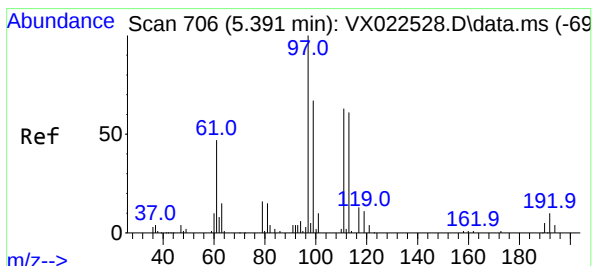
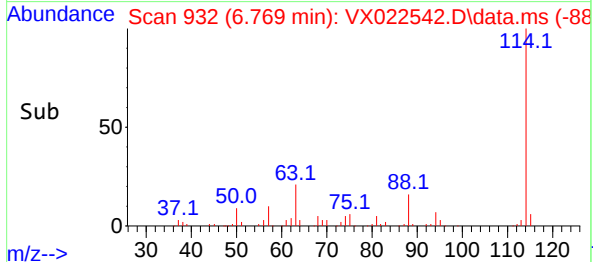
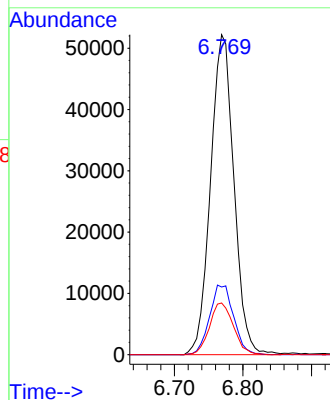
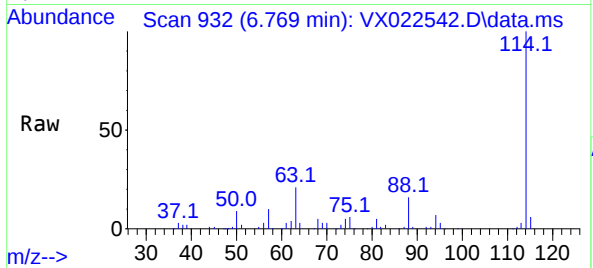




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

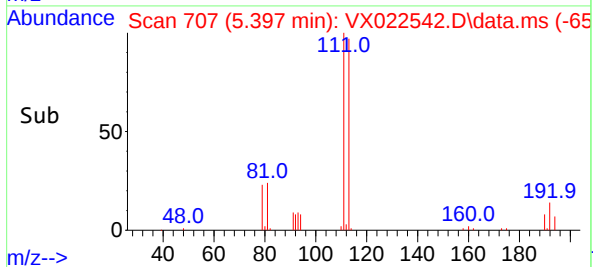
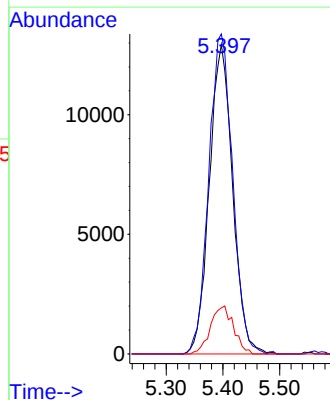
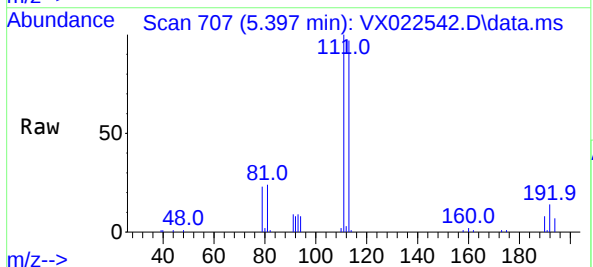
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MSVOA_X
ClientSampleId :

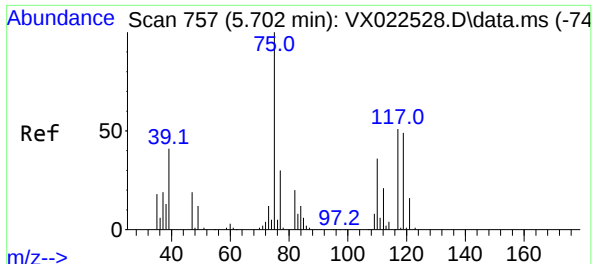
Tgt Ion:	114	Resp:	123729
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.8
88	16.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 47.682 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Tgt Ion:	113	Resp:	36912
Ion	Ratio	Lower	Upper
113	100		
111	105.7	81.9	122.9
192	15.3	16.7	25.1#



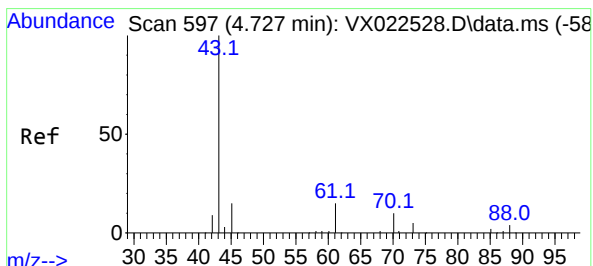
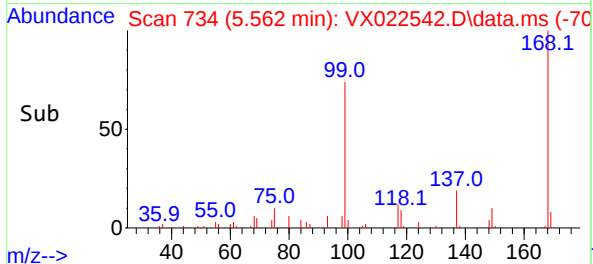
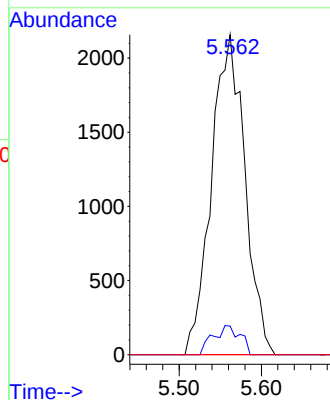
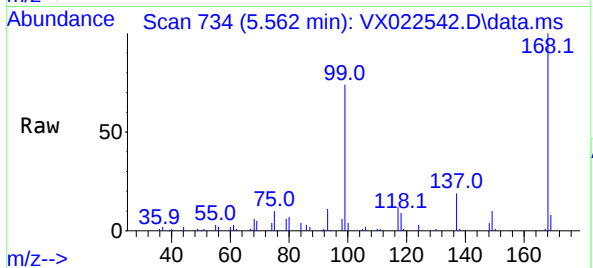


#36

1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Instrument :
MSVOA_X
ClientSampled :

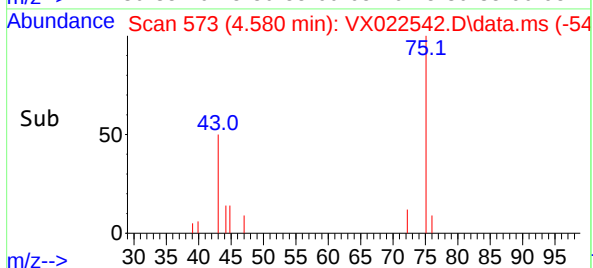
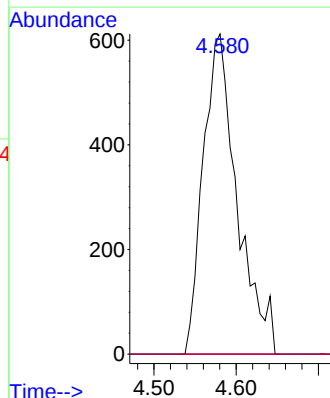
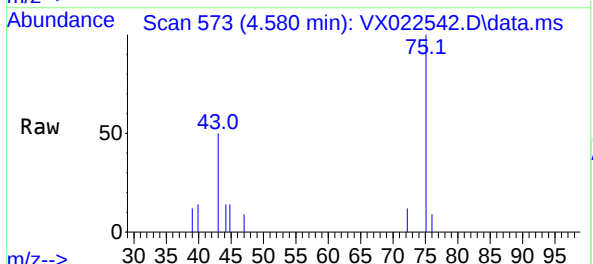
Tgt Ion: 75 Resp: 6092
Ion Ratio Lower Upper
75 100
110 7.4 18.1 54.4#
77 0.0 25.3 37.9#

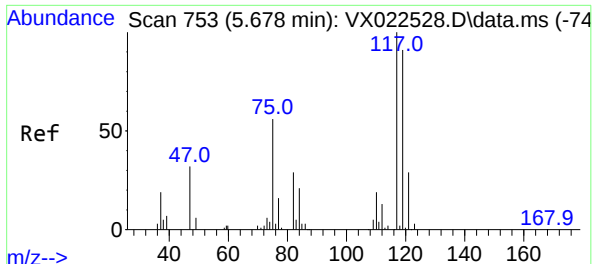


#37

Ethyl Acetate
Concen: 1.147 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.147 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

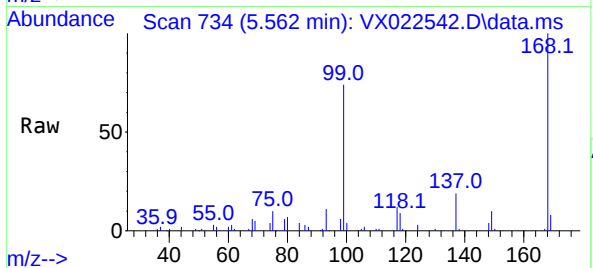
Tgt Ion: 43 Resp: 1761
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



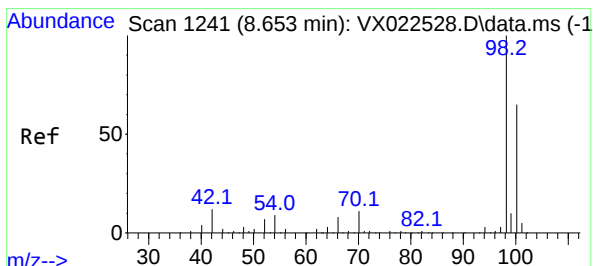
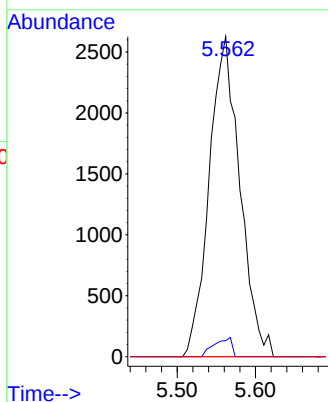
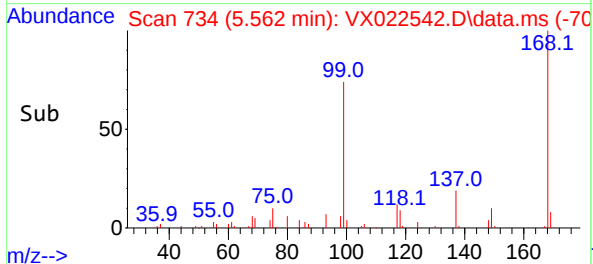


#38
Carbon Tetrachloride
Concen: 8.239 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

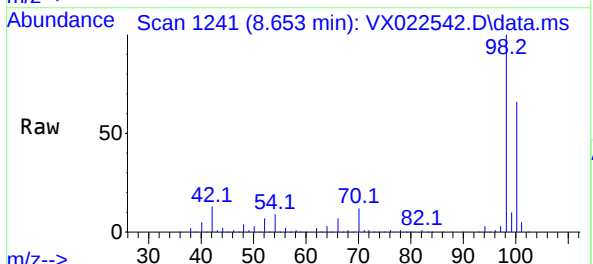
Instrument :
MSVOA_X
ClientSampled :



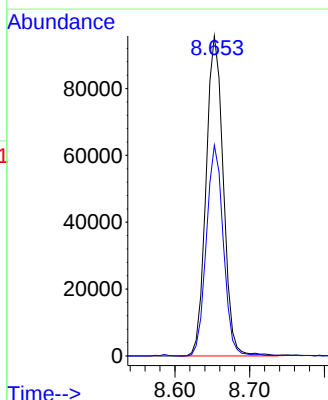
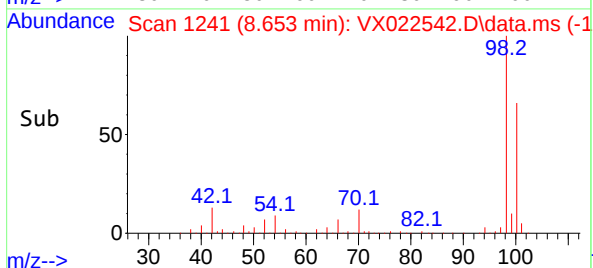
Tgt Ion:117 Resp: 7143
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

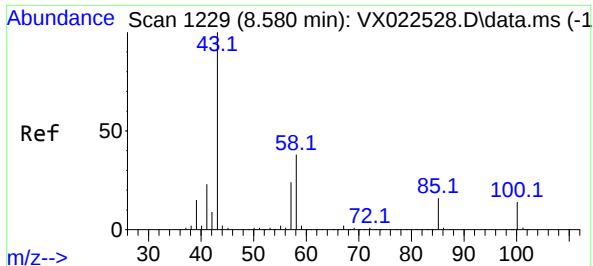


#50
Toluene-d8
Concen: 49.674 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27



Tgt Ion: 98 Resp: 153435
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

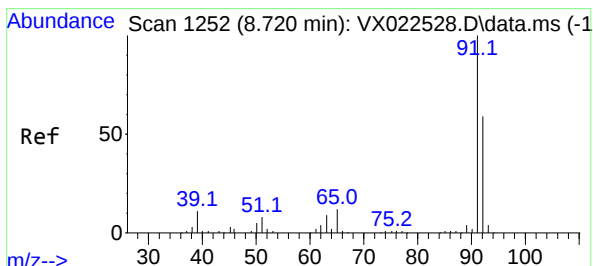
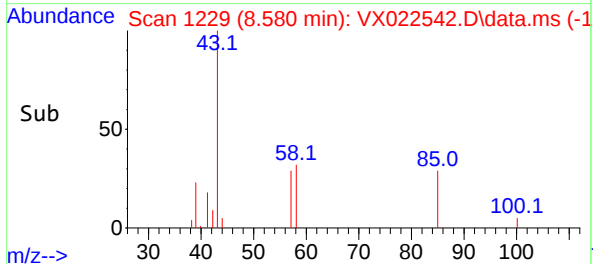
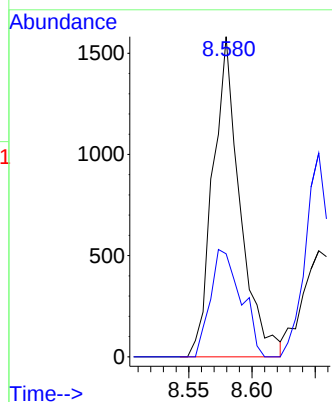
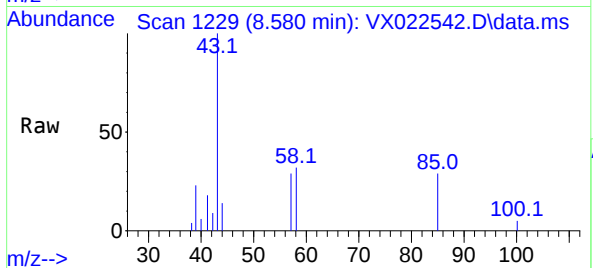




#51
4-Methyl-2-Pentanone
Concen: 1.520 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

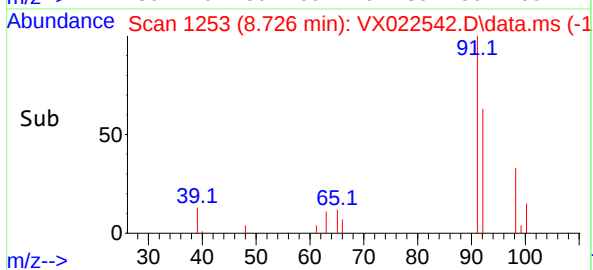
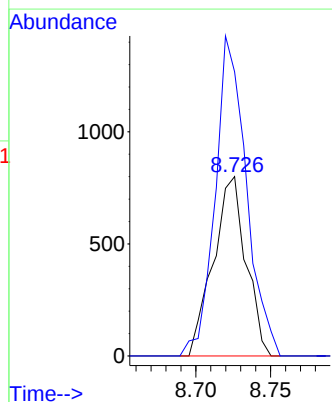
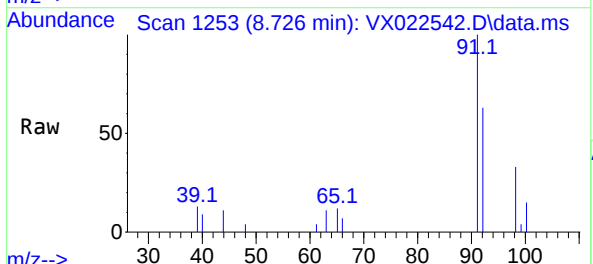
Instrument :
MSVOA_X
ClientSampled :

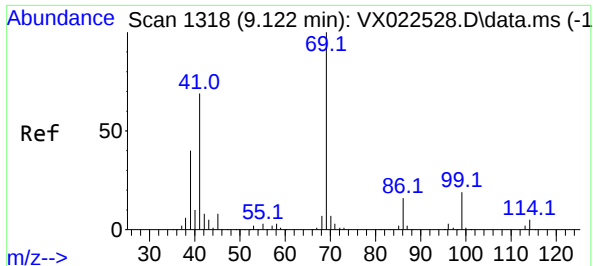
Tgt Ion: 43 Resp: 2358
Ion Ratio Lower Upper
43 100
58 38.0 35.4 53.0



#52
Toluene
Concen: 0.525 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Tgt Ion: 92 Resp: 1218
Ion Ratio Lower Upper
92 100
91 169.8 137.1 205.7

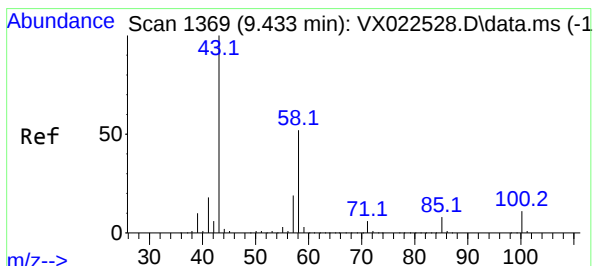
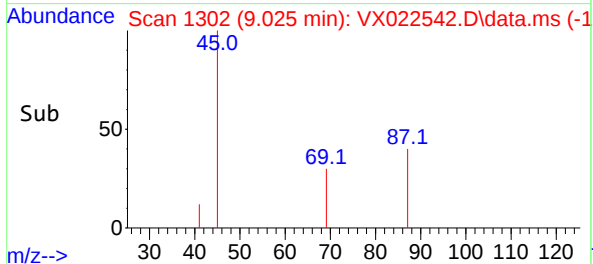
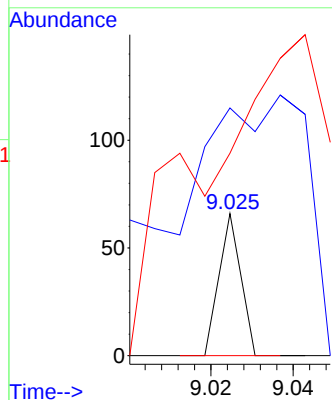
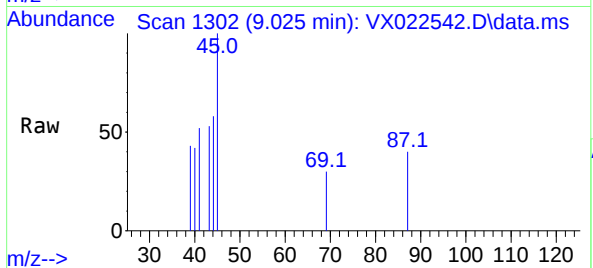




#56
Ethyl methacrylate
Concen: 2.714 ug/l
RT: 9.025 min Scan# 1302
Delta R.T. -0.097 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

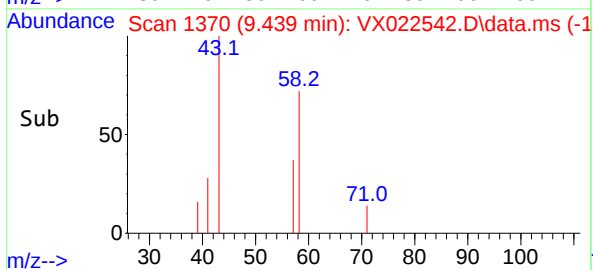
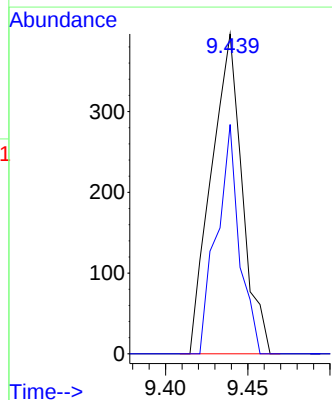
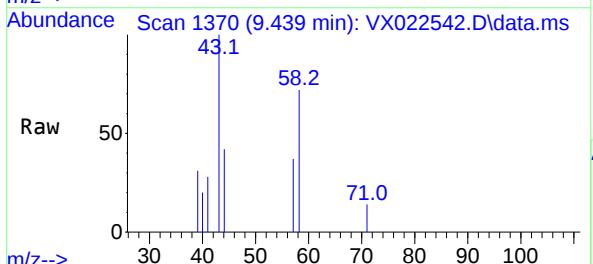
Instrument :
MSVOA_X
ClientSampled :

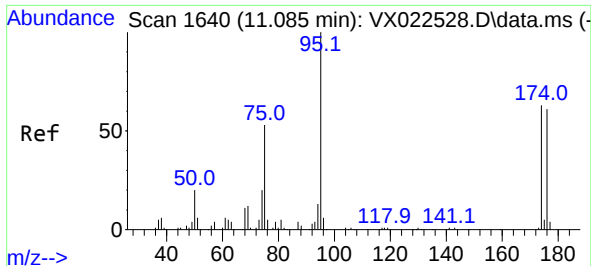
Tgt Ion: 69 Resp: 24
Ion Ratio Lower Upper
69 100
41 1108.3 46.8 70.2#
39 1412.5 24.7 37.1#



#59
2-Hexanone
Concen: 0.437 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
58 52.3 30.9 92.8

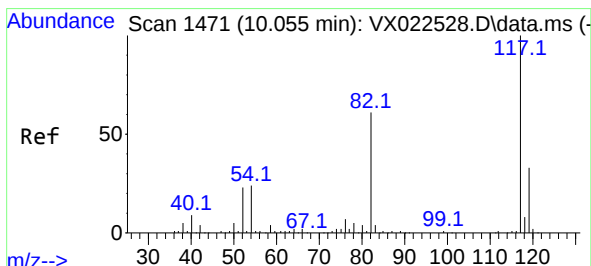
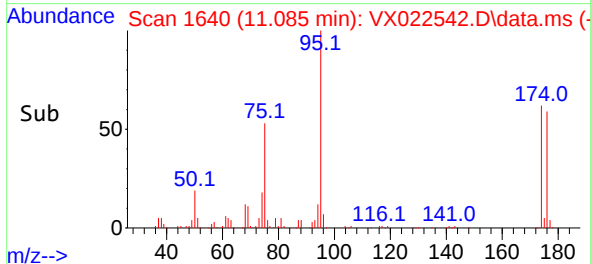
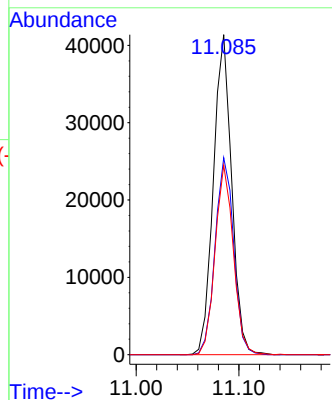
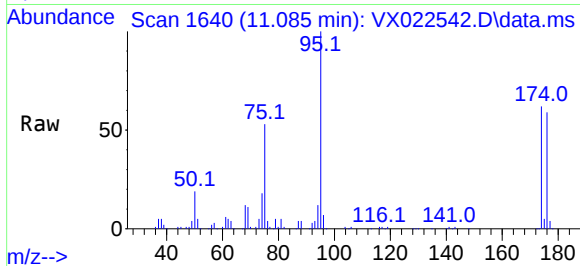




#62
4-Bromofluorobenzene
Concen: 44.494 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

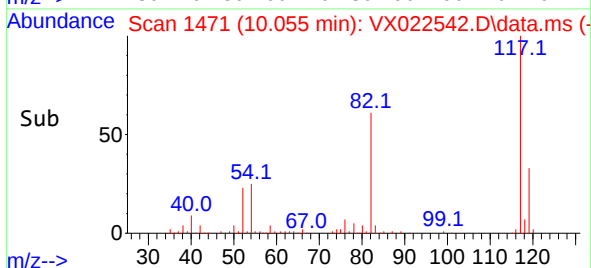
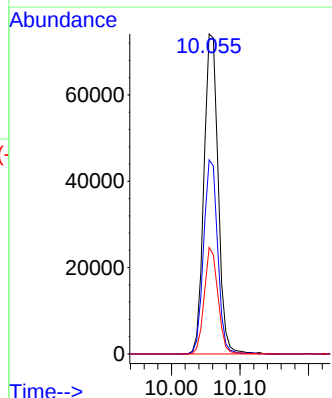
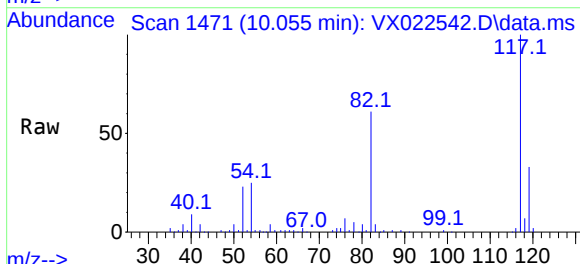
Instrument :
MSVOA_X
ClientSampleId :

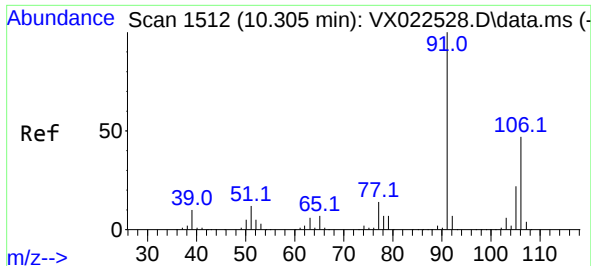
Tgt Ion: 95 Resp: 51084
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 59.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Tgt Ion: 117 Resp: 107212
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 33.2 26.6 39.8

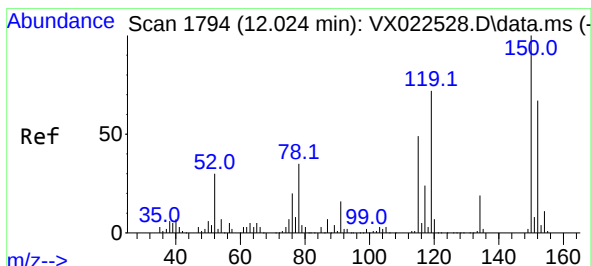
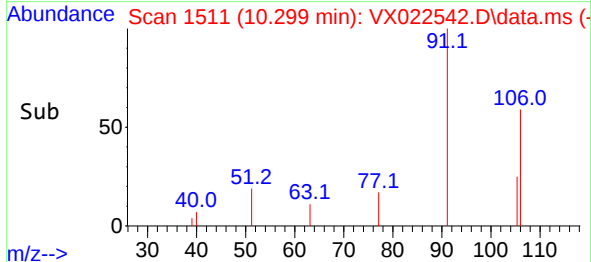
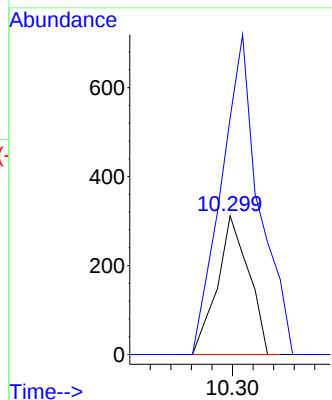
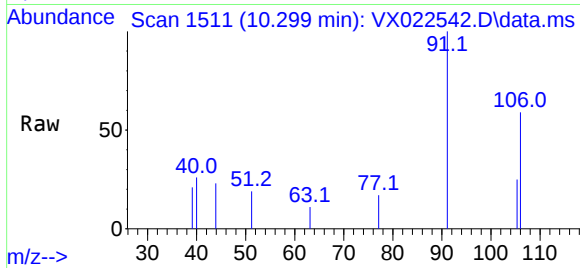




#68
m/p-Xylenes
Concen: 0.223 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

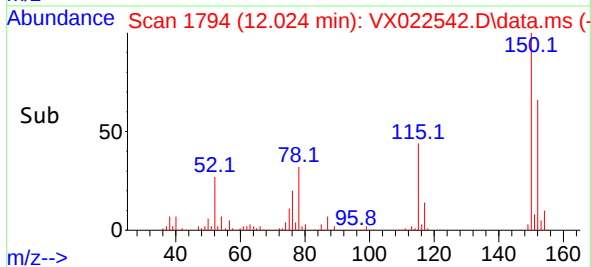
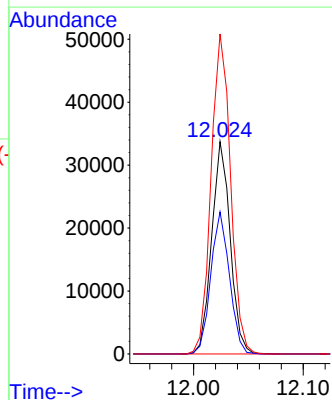
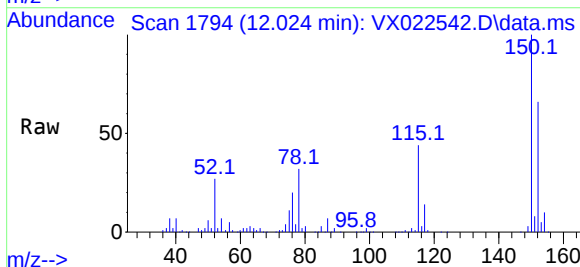
Instrument :
MSVOA_X
ClientSampled :

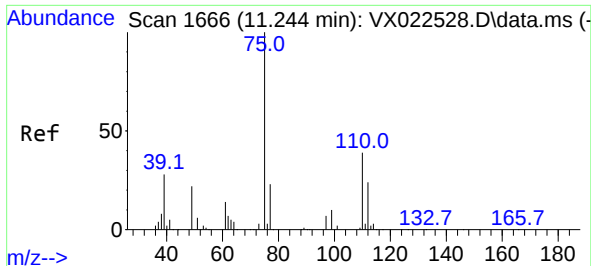
Tgt Ion:106 Resp: 332
Ion Ratio Lower Upper
106 100
91 276.5 162.8 244.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Tgt Ion:152 Resp: 39600
Ion Ratio Lower Upper
152 100
115 67.3 41.1 123.3
150 158.2 0.0 349.0

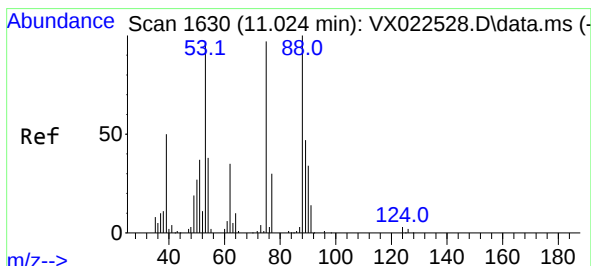
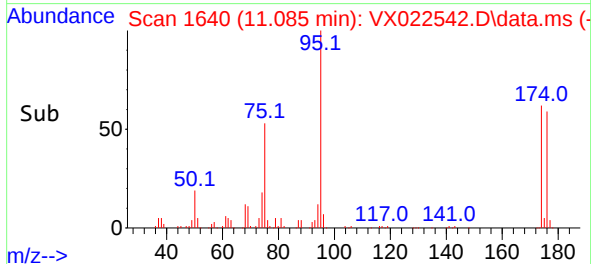
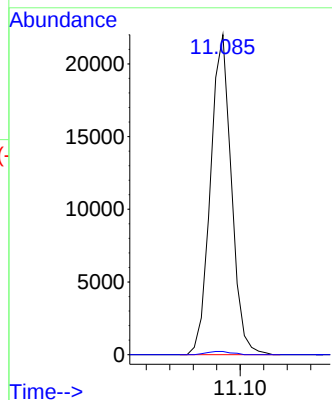
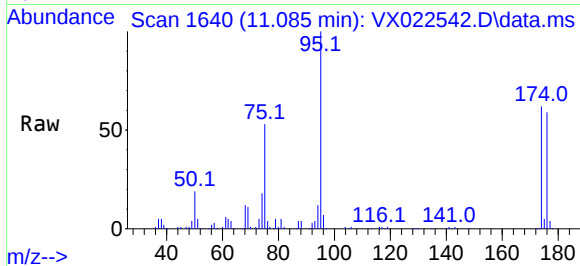




#76
1,2,3-Trichloropropane
Concen: 26.524 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 27211
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.284 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022542.D
Acq: 07 Jun 2021 18:27

Tgt Ion: 75 Resp: 27211
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

