

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022561.D
 Acq On : 08 Jun 2021 14:12
 Operator : JC/MD
 Sample : PB136878ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

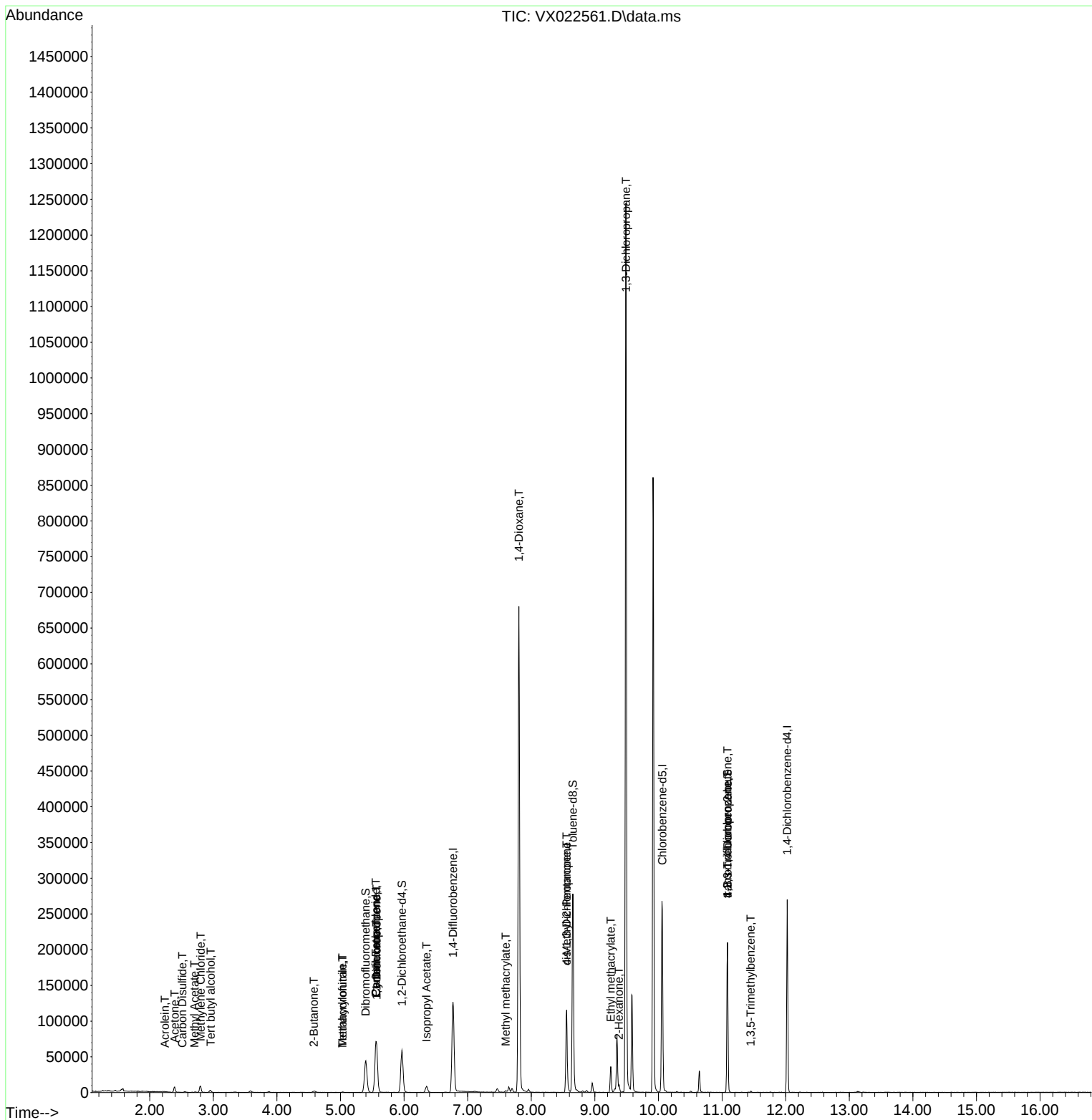
Quant Time: Jun 09 03:59:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

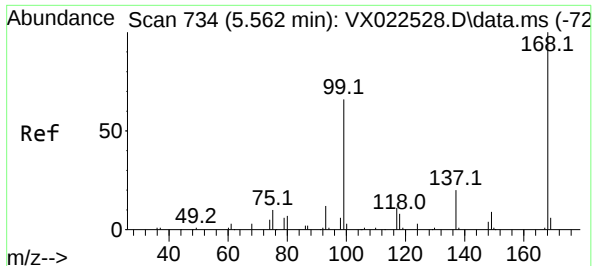
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	61777	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	126208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	117356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51981	47.331	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.660%
35) Dibromofluoromethane	5.397	113	37473	47.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	8.653	98	158164	50.200	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.085	95	56959	48.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.280%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	1804	7.323	ug/l	# 73
13) Acrolein	2.239	56	53	3.565	ug/l	# 67
16) Acetone	2.392	43	8488	17.200	ug/l	91
17) Carbon Disulfide	2.514	76	70	3.417	ug/l	# 75
18) Methyl Acetate	2.703	43	876	0.644	ug/l	# 65
20) Methylene Chloride	2.800	84	4127	4.006	ug/l	88
25) 2-Butanone	4.580	43	1716	2.104	ug/l	# 82
29) Tetrahydrofuran	5.032	42	533	1.114	ug/l	# 32
31) Cyclohexane	5.562	56	2017	1.553	ug/l	# 49
36) 1,1-Dichloropropene	5.568	75	6706	5.493	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	7379	8.316	ug/l	# 16
41) Methacrylonitrile	5.032	41	326	0.378	ug/l	# 1
43) Isopropyl Acetate	6.355	43	11526	4.537	ug/l	# 93
48) Methyl methacrylate	7.598	41	3382	2.861	ug/l	# 10
49) 1,4-Dioxane	7.805	88	90	3.765	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	40695	25.714	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	18515	13.129	ug/l	# 63
56) Ethyl methacrylate	9.250	69	153	2.785	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10466	6.279	ug/l	# 42
59) 2-Hexanone	9.378	43	4846	4.008	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	30170	24.482	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	906	0.274	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	30170	60.705	ug/l	# 12

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

Quant Time: Jun 09 03:59:50 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

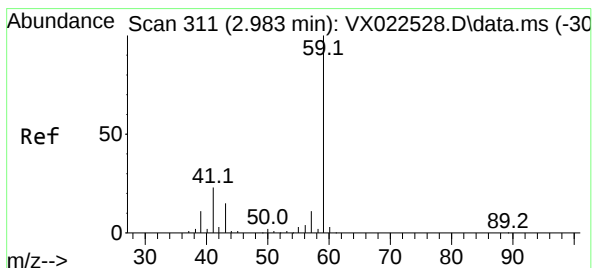
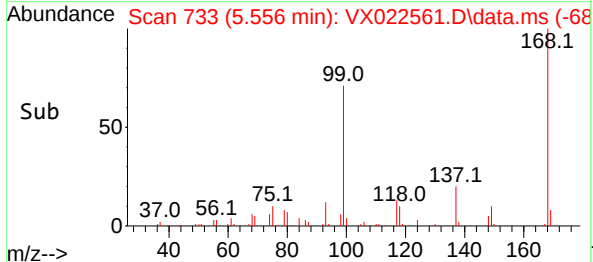
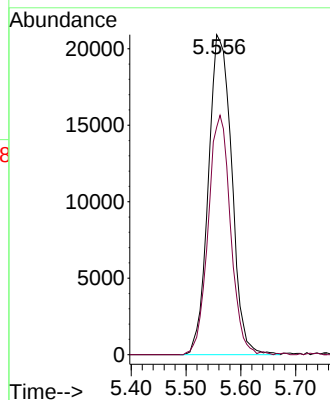
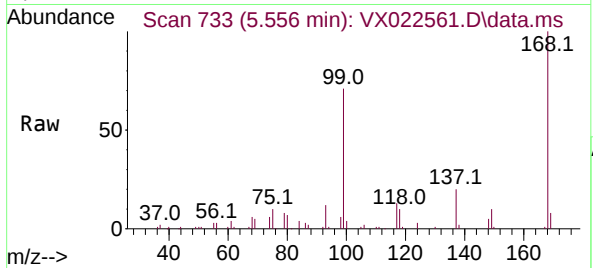




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

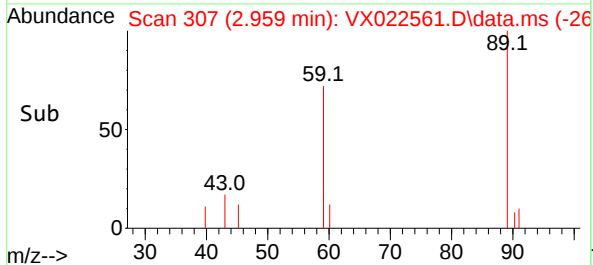
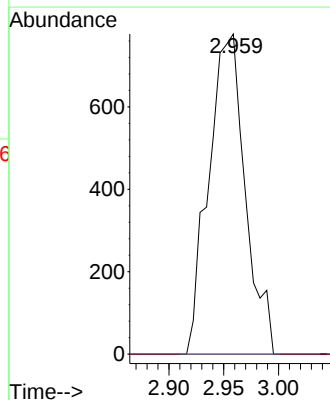
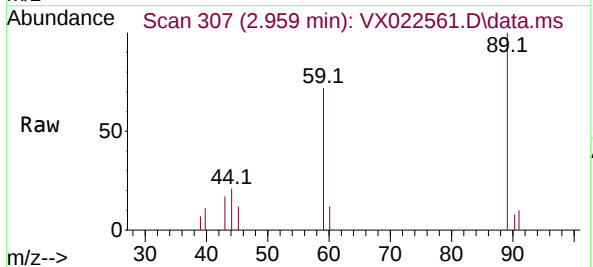
Instrument :
MSVOA_X
ClientSampled :

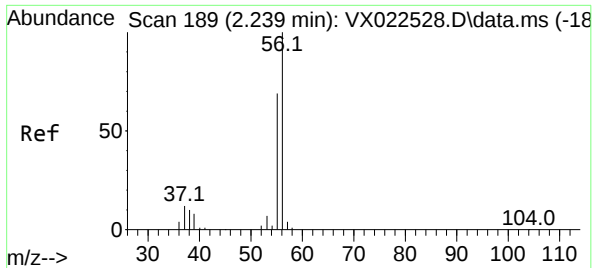
Tgt Ion:168 Resp: 61777
Ion Ratio Lower Upper
168 100
99 71.1 45.8 68.6#



#11
Tert butyl alcohol
Concen: 7.323 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

Tgt Ion: 59 Resp: 1804
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

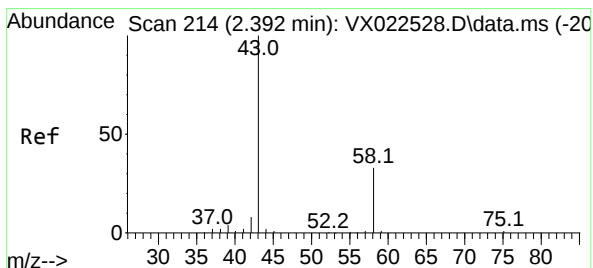
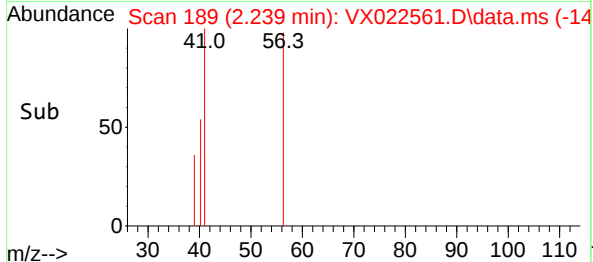
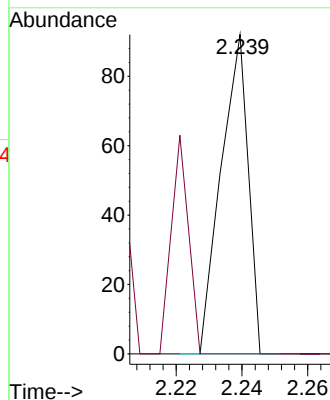
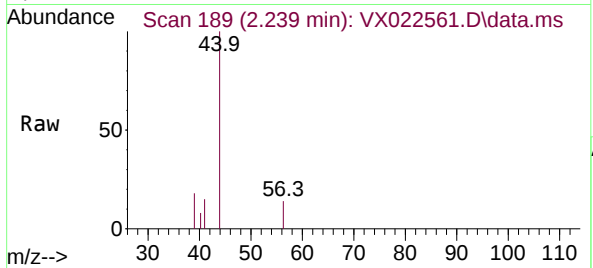




#13
Acrolein
Concen: 3.565 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

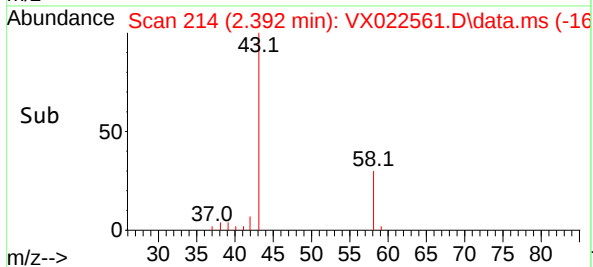
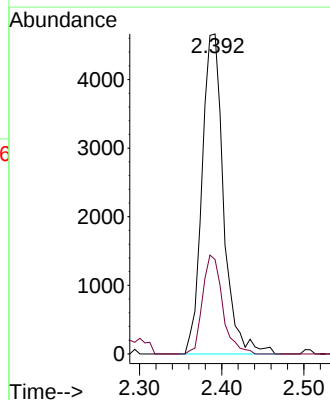
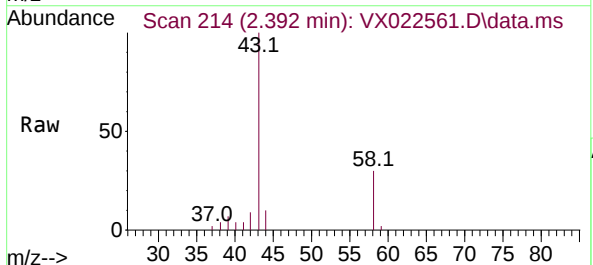
Instrument :
MSVOA_X
ClientSampled :

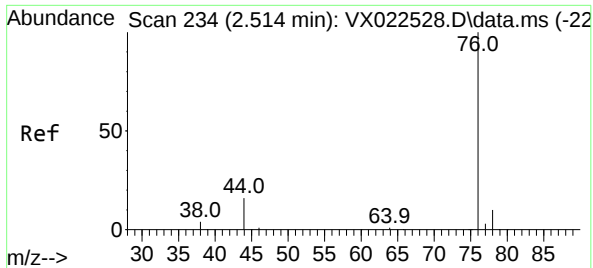
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 43.4 56.4 84.6#



#16
Acetone
Concen: 17.200 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

Tgt Ion: 43 Resp: 8488
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8

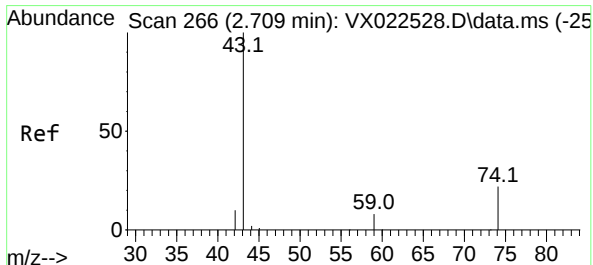
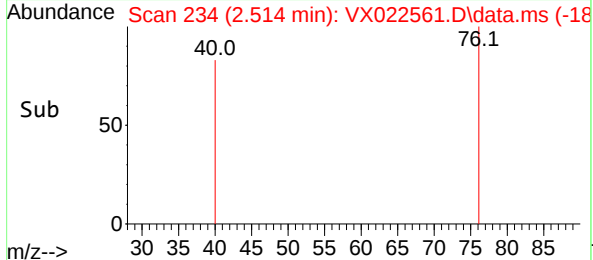
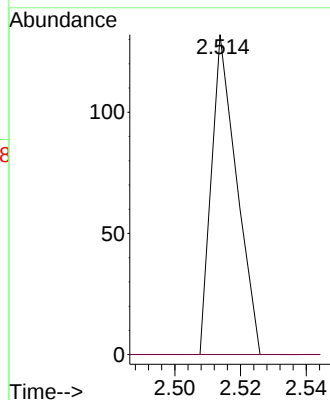
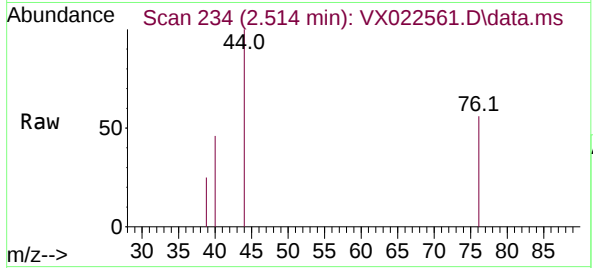




#17
Carbon Disulfide
Concen: 3.417 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

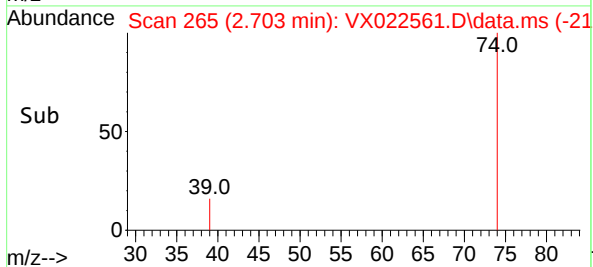
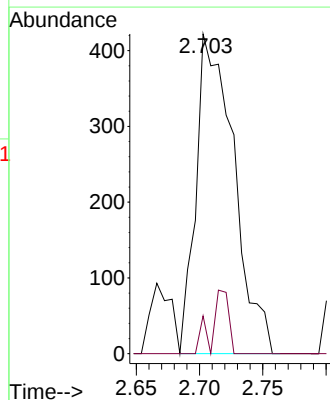
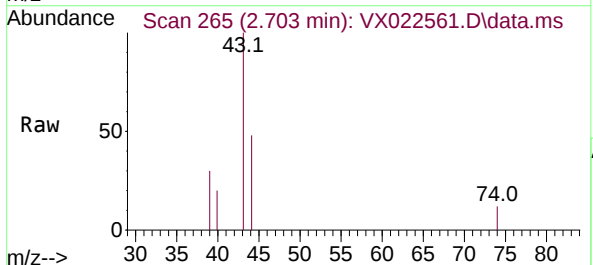
Instrument :
MSVOA_X
ClientSampled :

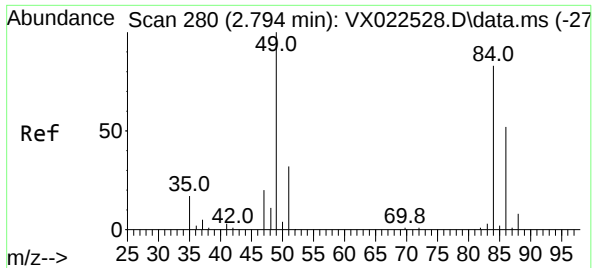
Tgt Ion: 76 Resp: 70
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.644 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
74 9.0 21.9 32.9#



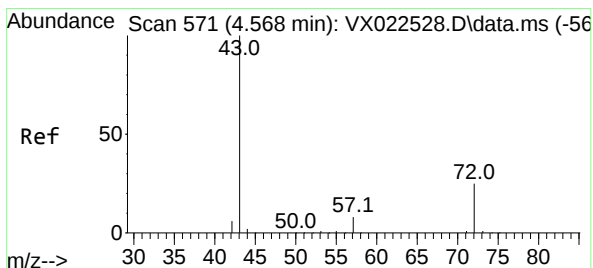
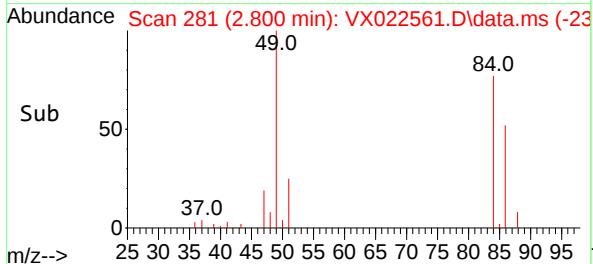
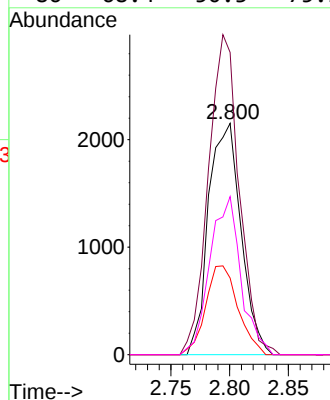
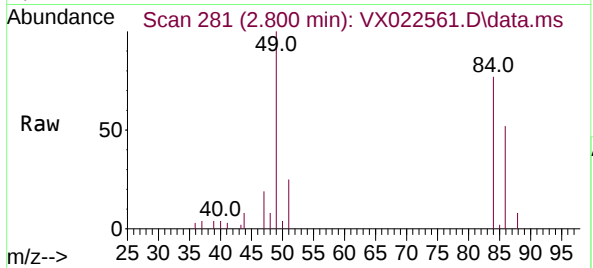


#20
Methylene Chloride
Concen: 4.006 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 4127

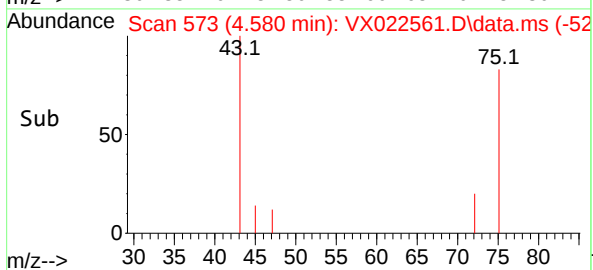
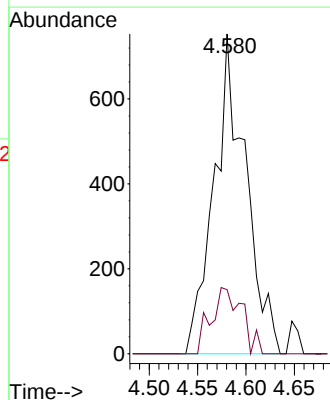
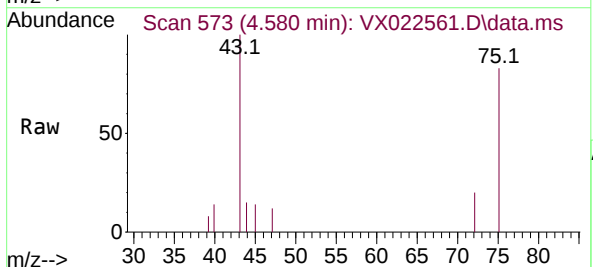
Ion	Ratio	Lower	Upper
84	100		
49	130.7	88.6	132.8
51	33.1	27.0	40.6
86	68.4	50.3	75.5

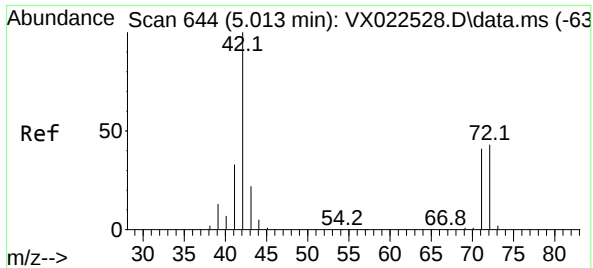


#25
2-Butanone
Concen: 2.104 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

Tgt Ion: 43 Resp: 1716

Ion	Ratio	Lower	Upper
43	100		
72	20.1	23.7	35.5#





#29

Tetrahydrofuran

Concen: 1.114 ug/l

RT: 5.032 min Scan# 647

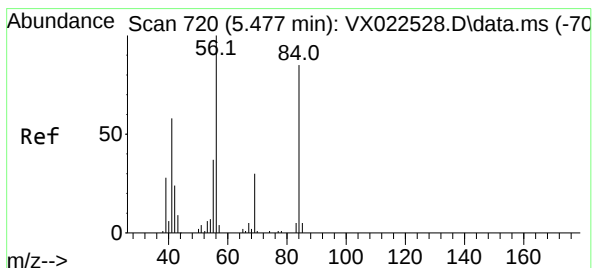
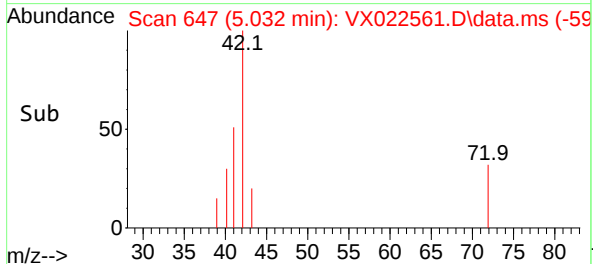
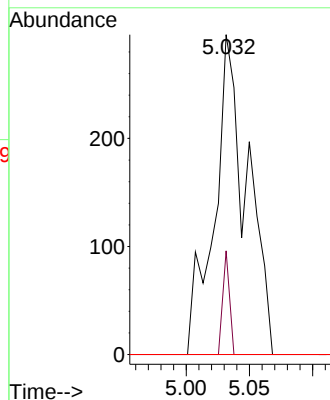
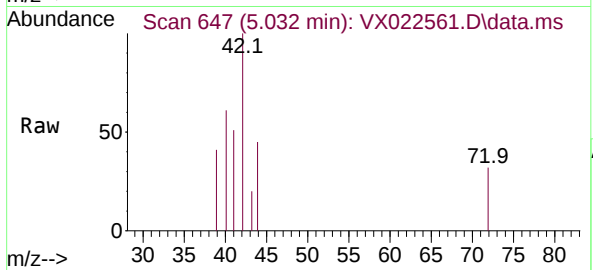
Delta R.T. 0.019 min

Lab File: VX022561.D

Acq: 08 Jun 2021 14:12

Tgt Ion:	42	Resp:	533
Ion	Ratio	Lower	Upper
42	100		
72	6.6	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.553 ug/l

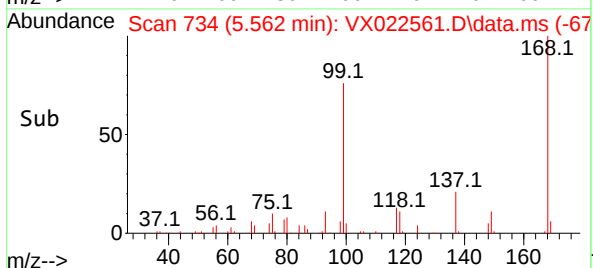
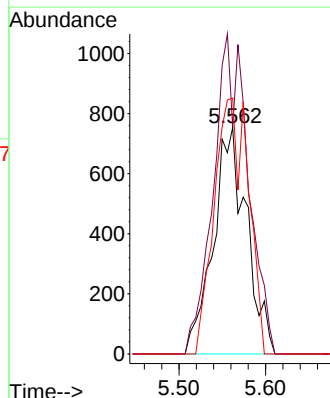
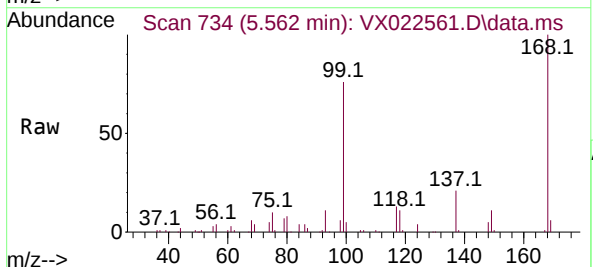
RT: 5.562 min Scan# 734

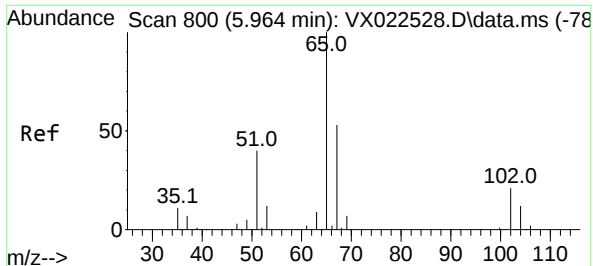
Delta R.T. 0.085 min

Lab File: VX022561.D

Acq: 08 Jun 2021 14:12

Tgt Ion:	56	Resp:	2017
Ion	Ratio	Lower	Upper
56	100		
69	100.1	25.3	37.9#
84	113.0	71.4	107.0#



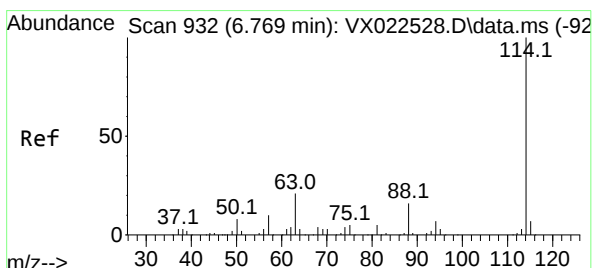
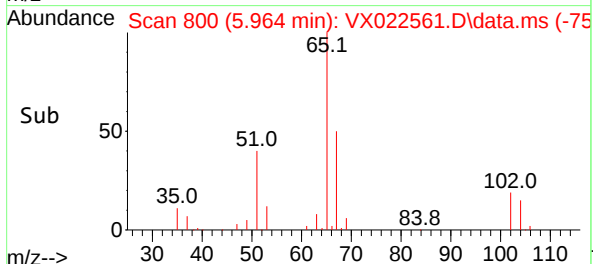
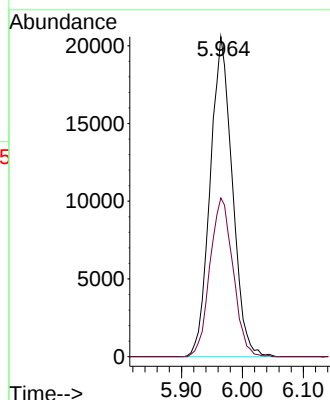
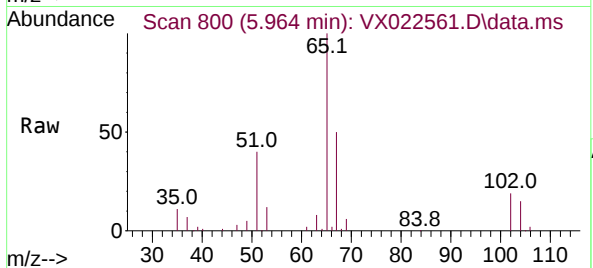


#33

1,2-Dichloroethane-d4
Concen: 47.331 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

Instrument :
MSVOA_X
ClientSampleId :

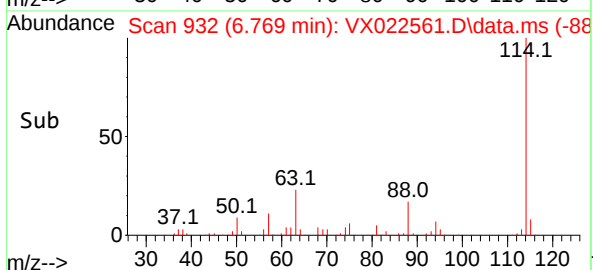
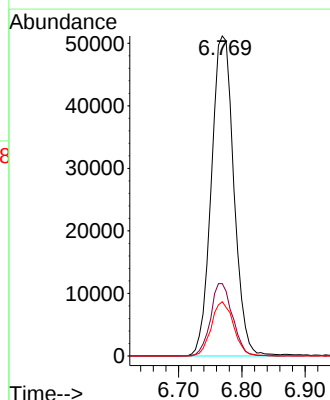
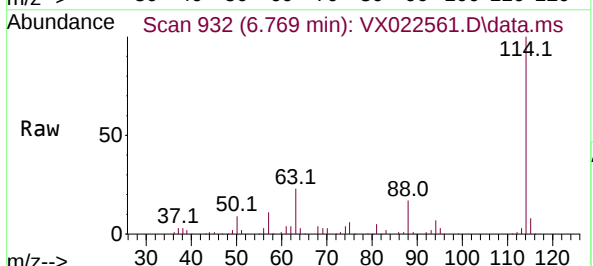
Tgt Ion: 65 Resp: 51981
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

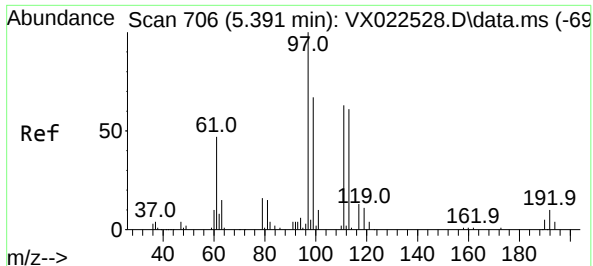


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

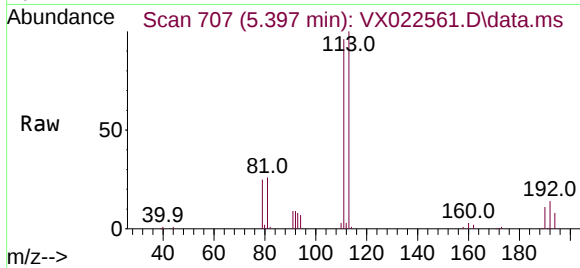
Tgt Ion: 114 Resp: 126208
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.9 0.0 32.8



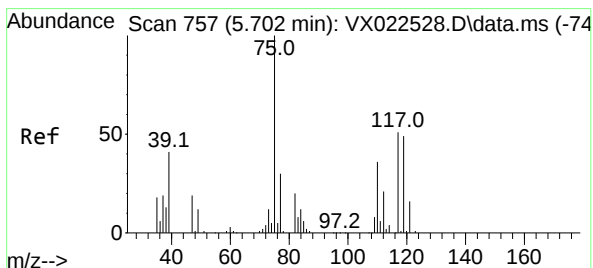
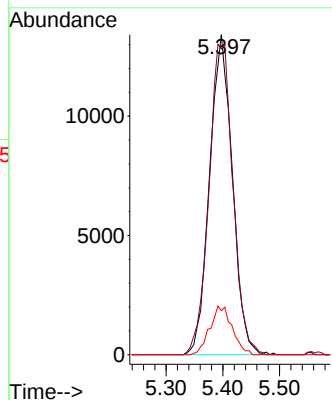
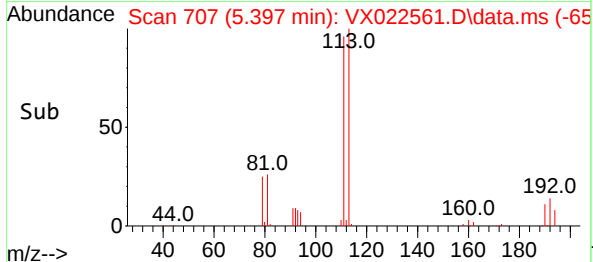


#35
Dibromofluoromethane
Concen: 47.456 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

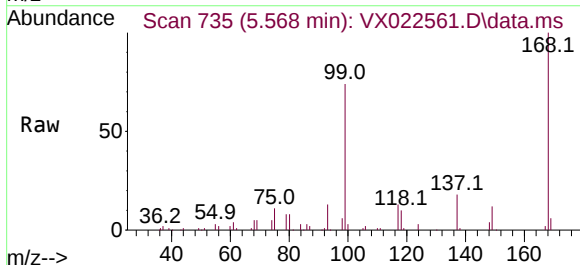
Instrument :
MSVOA_X
ClientSampled :



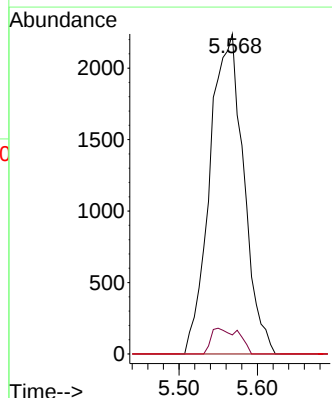
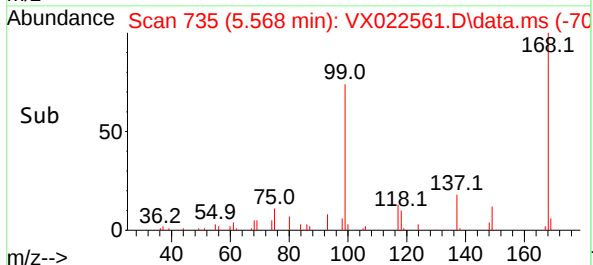
Tgt Ion:113 Resp: 37473
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 14.8 16.7 25.1#

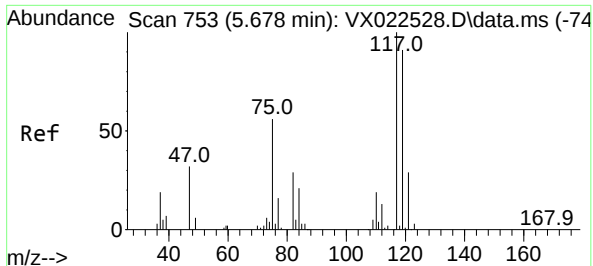


#36
1,1-Dichloropropene
Concen: 5.493 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12



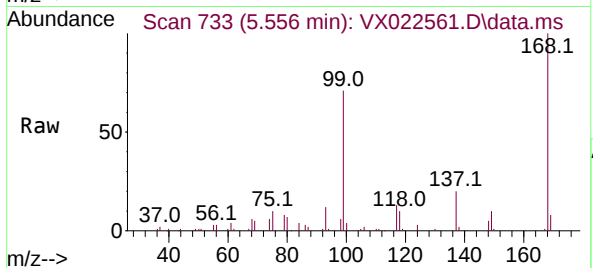
Tgt Ion: 75 Resp: 6706
Ion Ratio Lower Upper
75 100
110 6.6 18.1 54.4#
77 0.0 25.3 37.9#



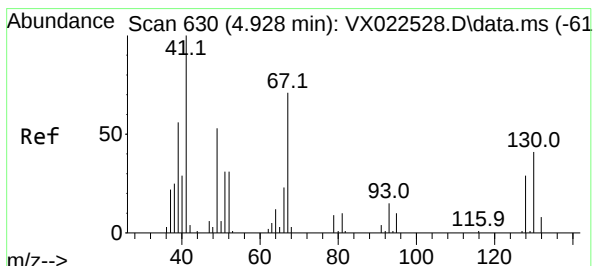
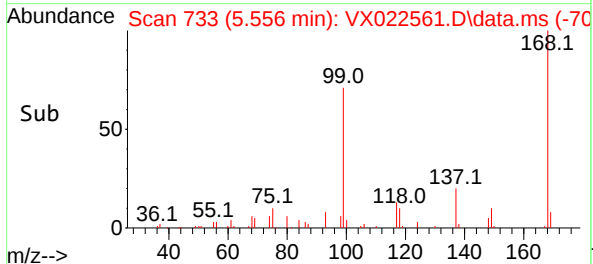
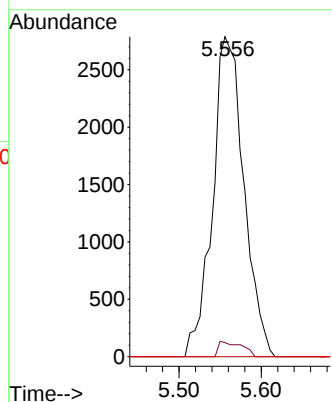


#38
Carbon Tetrachloride
Concen: 8.316 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

Instrument :
MSVOA_X
ClientSampled :

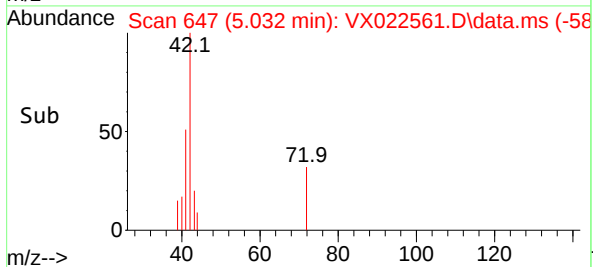
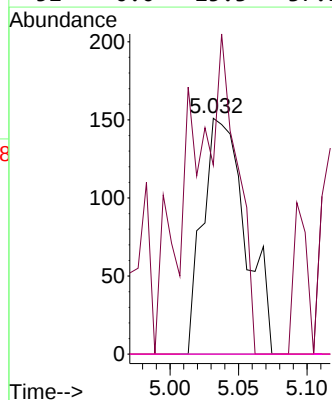
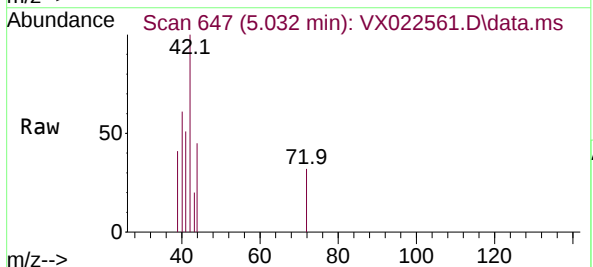


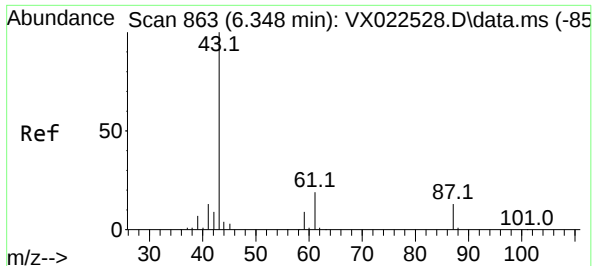
Tgt Ion:117 Resp: 7379
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.378 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

Tgt Ion: 41 Resp: 326
Ion Ratio Lower Upper
41 100
39 149.7 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#





#43

Isopropyl Acetate

Concen: 4.537 ug/l

RT: 6.355 min Scan# 864

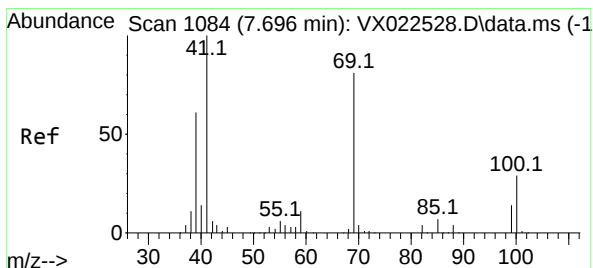
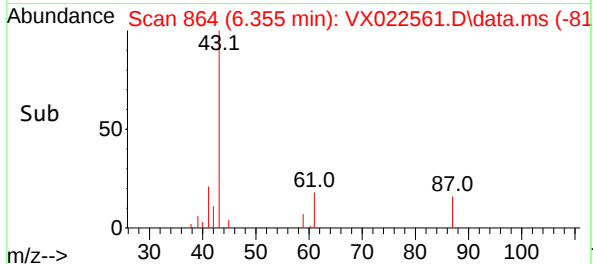
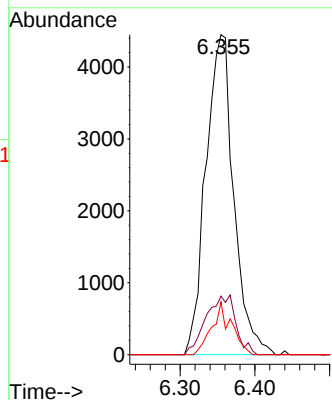
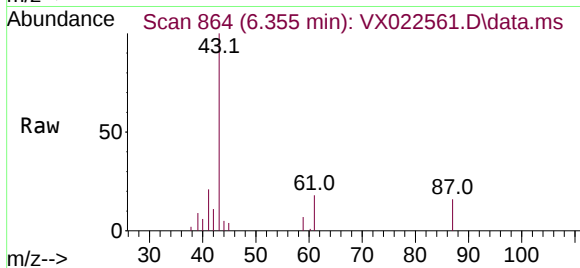
Delta R.T. 0.007 min

Lab File: VX022561.D

Acq: 08 Jun 2021 14:12

Tgt Ion:	43	Resp:	11526
Ion	Ratio	Lower	Upper
43	100		
61	19.8	18.2	27.4
87	11.6	12.5	18.7#

Instrument :
MSVOA_X
ClientSampled :



#48

Methyl methacrylate

Concen: 2.861 ug/l

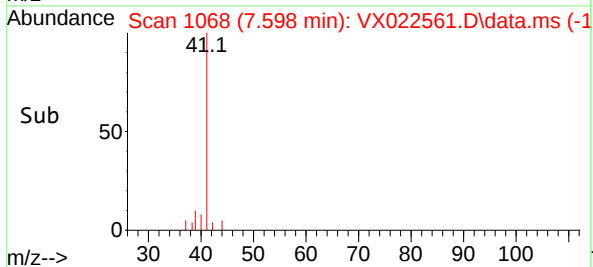
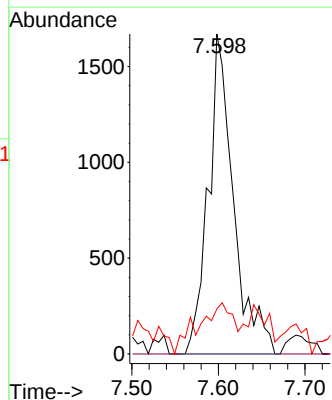
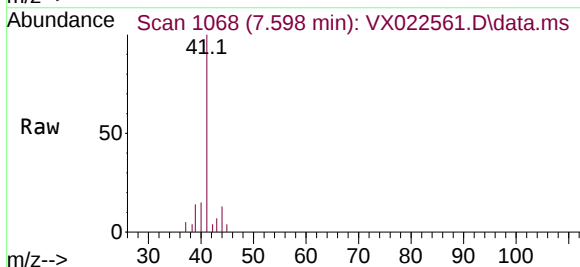
RT: 7.598 min Scan# 1068

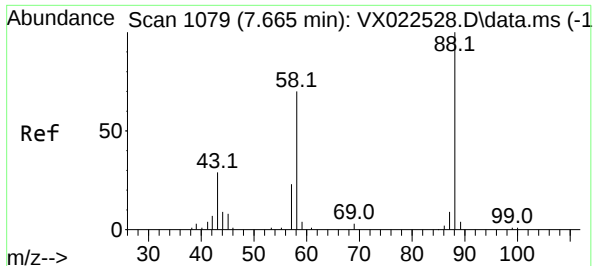
Delta R.T. -0.098 min

Lab File: VX022561.D

Acq: 08 Jun 2021 14:12

Tgt Ion:	41	Resp:	3382
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#





#49

1,4-Dioxane

Concen: 3.765 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.140 min

Lab File: VX022561.D

Acq: 08 Jun 2021 14:12

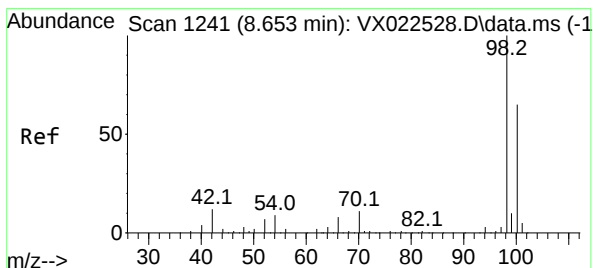
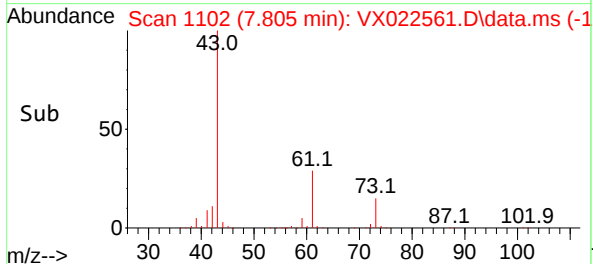
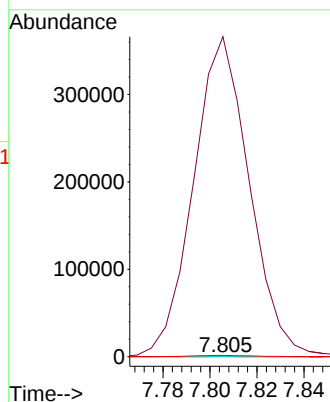
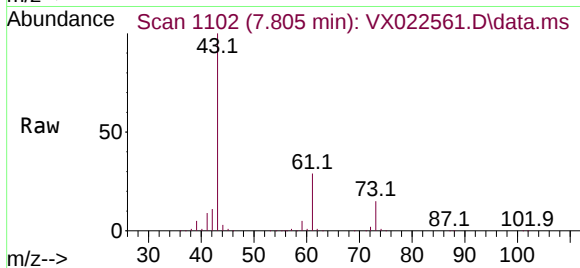
Tgt Ion: 88 Resp: 90

Ion Ratio Lower Upper

88 100

43 680546.7 23.2 34.8#

58 2824.4 55.0 82.4#



#50

Toluene-d8

Concen: 50.200 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022561.D

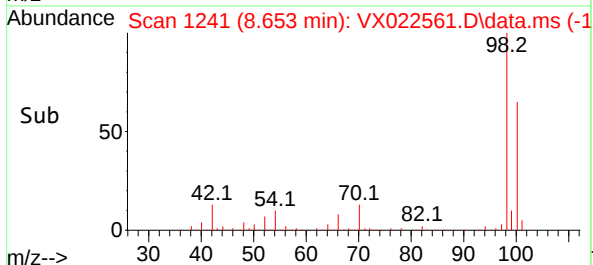
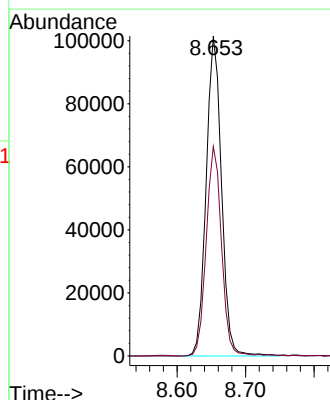
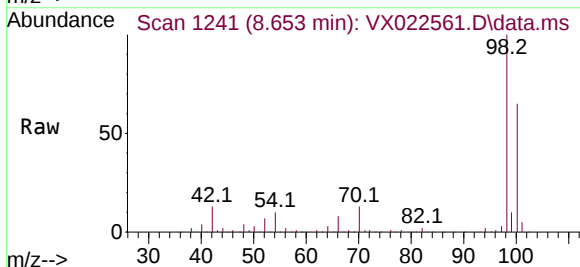
Acq: 08 Jun 2021 14:12

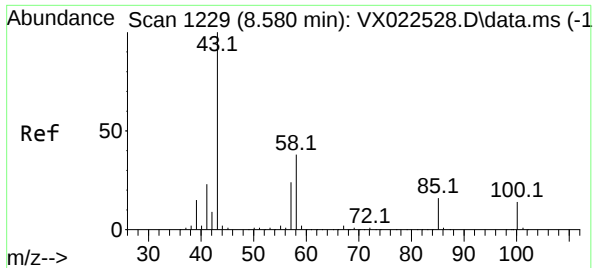
Tgt Ion: 98 Resp: 158164

Ion Ratio Lower Upper

98 100

100 65.5 51.9 77.9

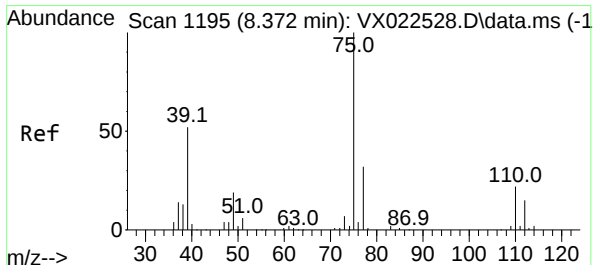
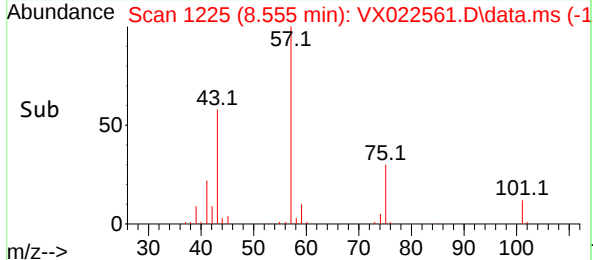
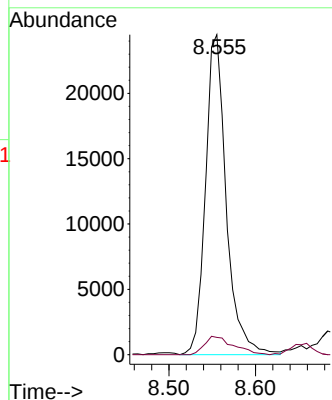
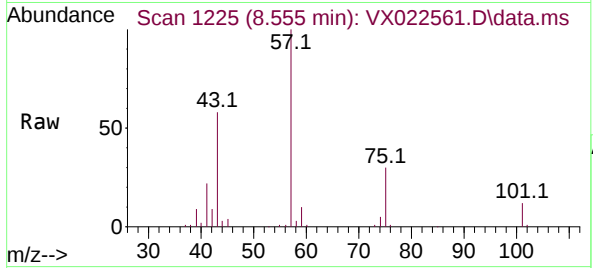




#51
4-Methyl-2-Pentanone
Concen: 25.714 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

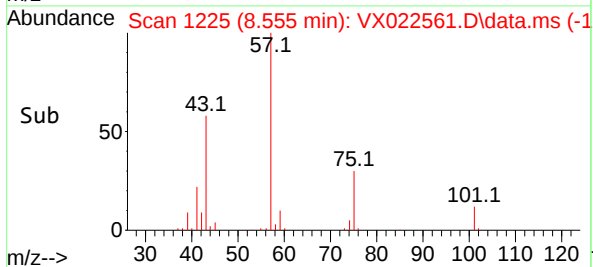
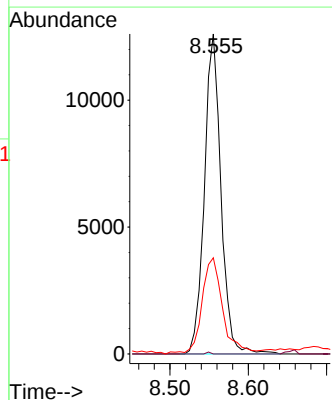
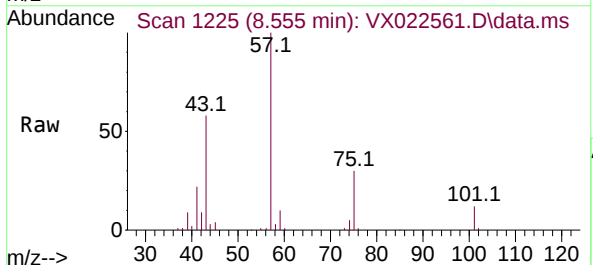
Instrument :
MSVOA_X
ClientSampled :

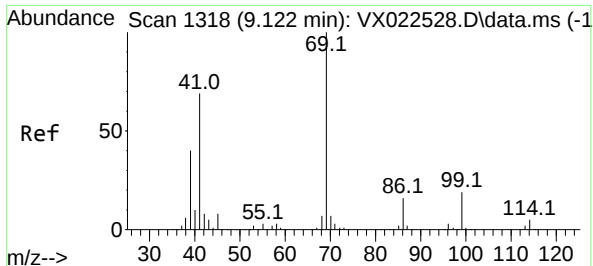
Tgt Ion: 43 Resp: 40695
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.129 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

Tgt Ion: 75 Resp: 18515
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 29.3 35.1 52.7#





#56

Ethyl methacrylate

Concen: 2.785 ug/l

RT: 9.250 min Scan# 1339

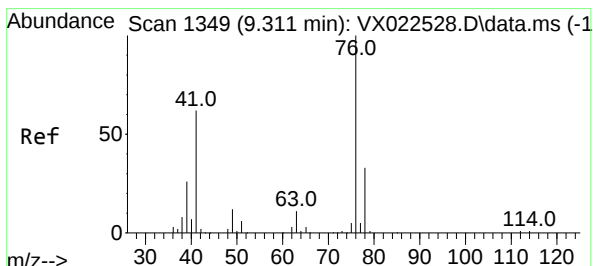
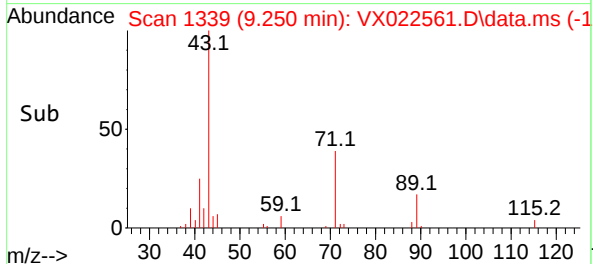
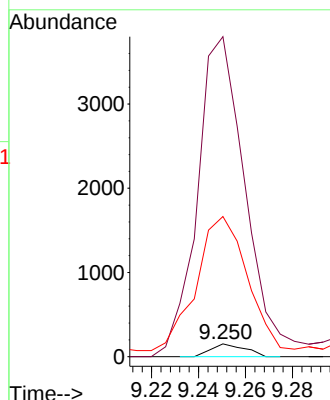
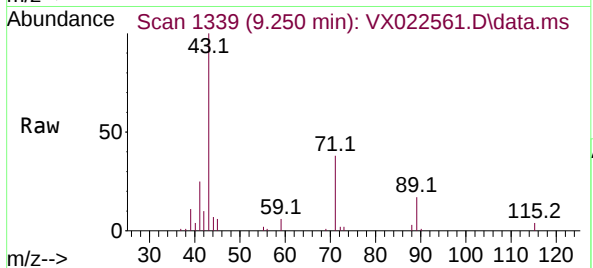
Delta R.T. 0.128 min

Lab File: VX022561.D

Acq: 08 Jun 2021 14:12

Tgt Ion:	69	Resp:	153
Ion	Ratio	Lower	Upper
69	100		
41	3551.6	46.8	70.2#
39	1829.4	24.7	37.1#

Instrument :
MSVOA_X
ClientSampleId :



#57

1,3-Dichloropropane

Concen: 6.279 ug/l

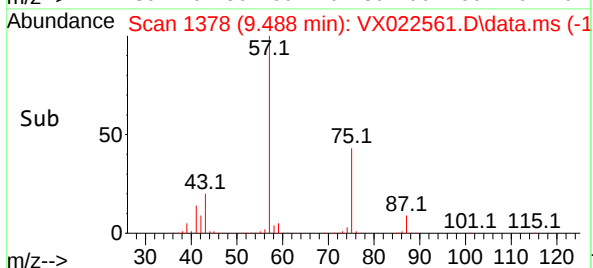
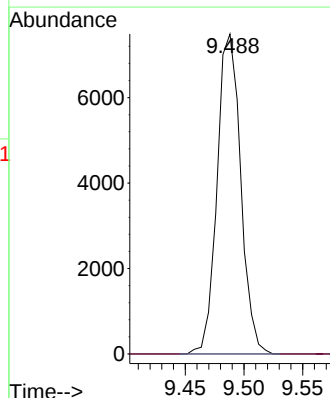
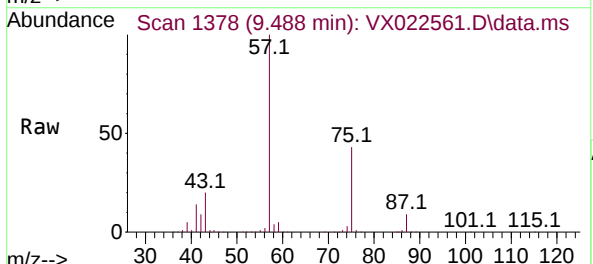
RT: 9.488 min Scan# 1378

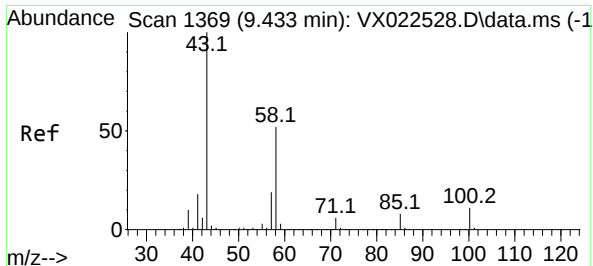
Delta R.T. 0.177 min

Lab File: VX022561.D

Acq: 08 Jun 2021 14:12

Tgt Ion:	76	Resp:	10466
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#

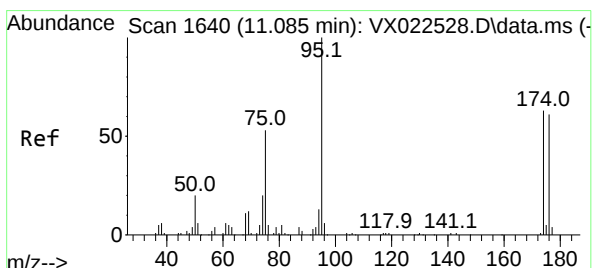
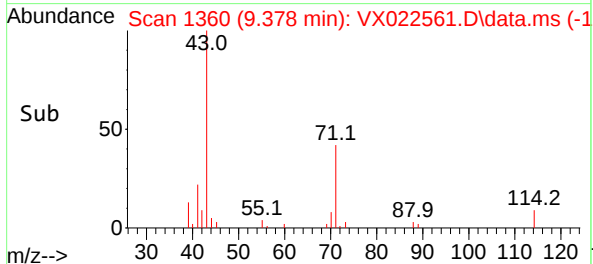
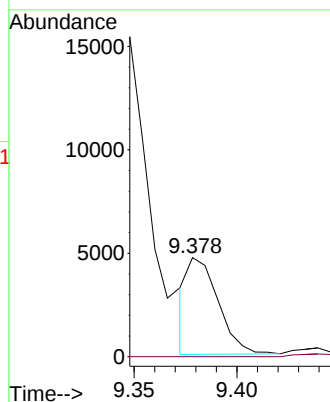
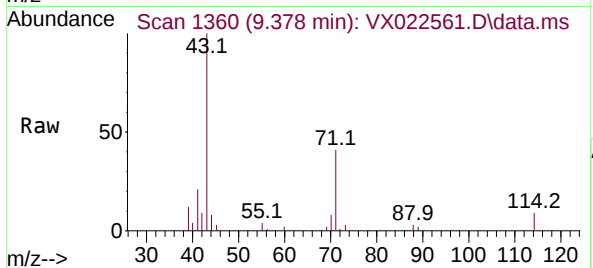




#59
2-Hexanone
Concen: 4.008 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

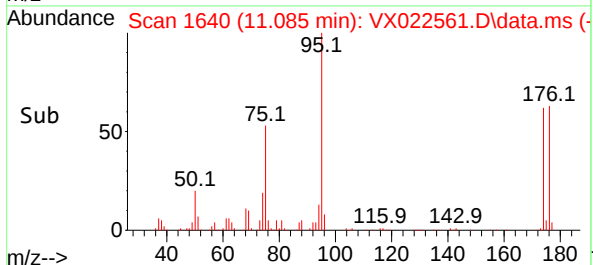
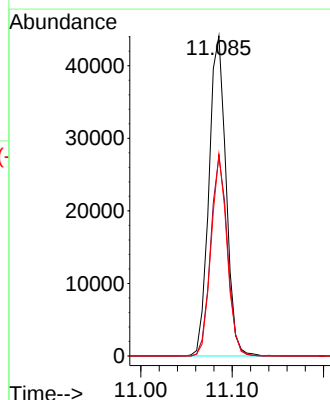
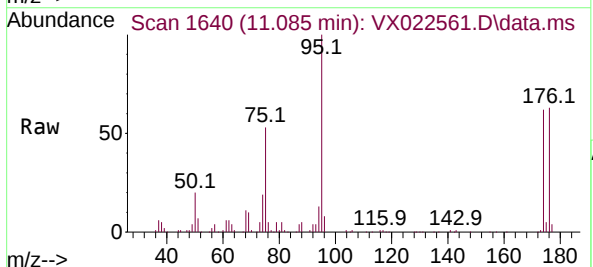
Instrument :
MSVOA_X
ClientSampled :

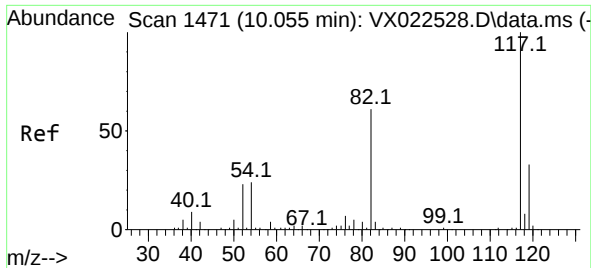
Tgt Ion: 43 Resp: 4846
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.637 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

Tgt Ion: 95 Resp: 56959
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 59.0 0.0 155.8

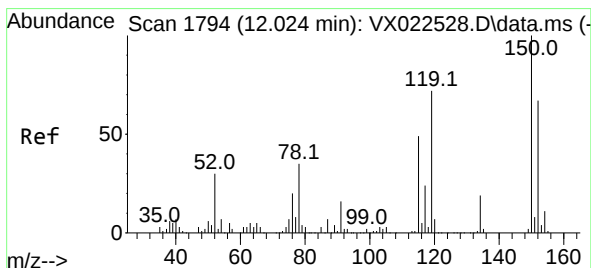
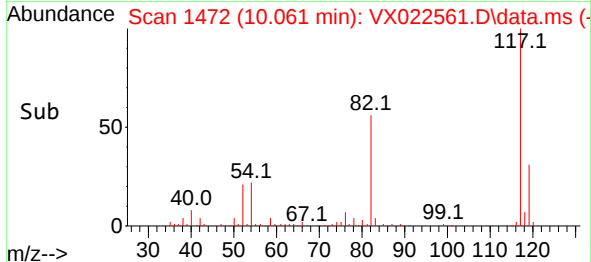
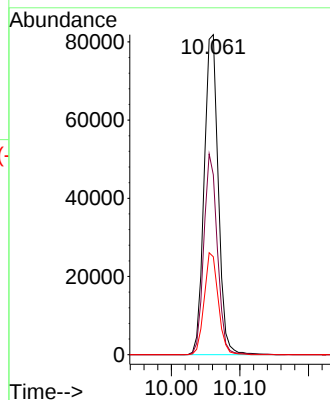
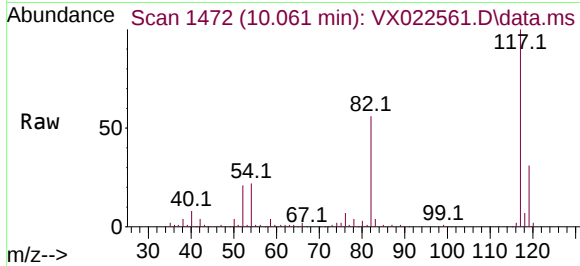




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

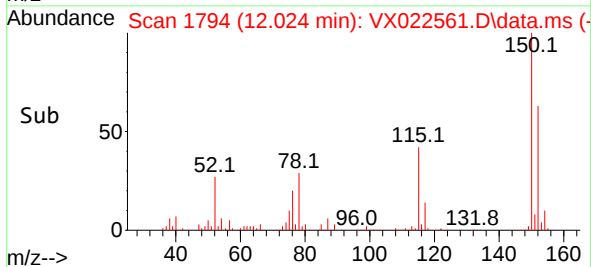
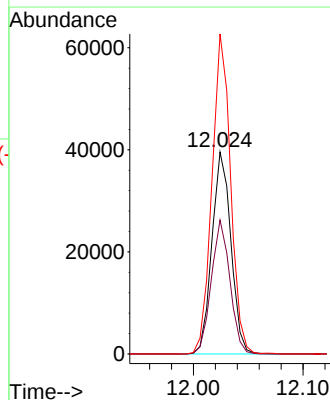
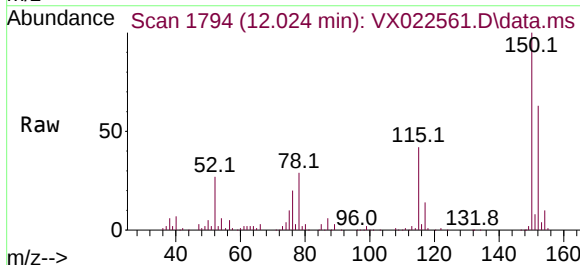
Instrument :
MSVOA_X
ClientSampleId :

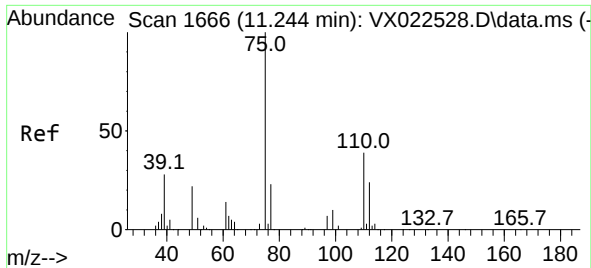
Tgt Ion:117 Resp: 117356
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 30.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

Tgt Ion:152 Resp: 47569
Ion Ratio Lower Upper
152 100
115 65.0 41.1 123.3
150 155.5 0.0 349.0

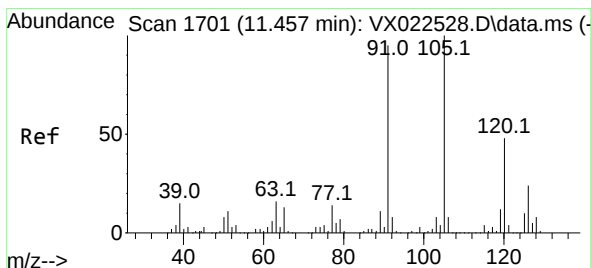
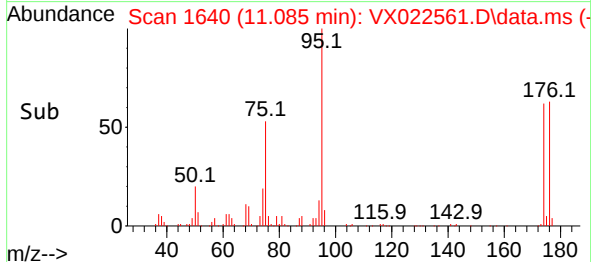
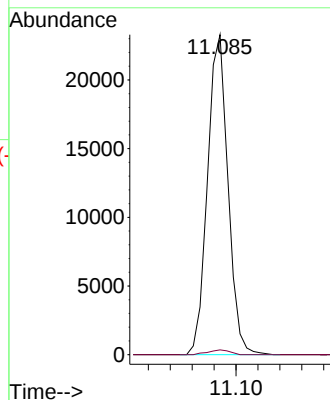
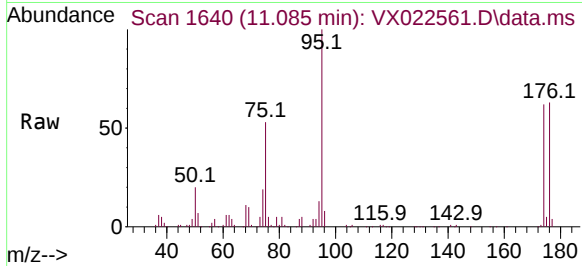




#76
1,2,3-Trichloropropane
Concen: 24.482 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

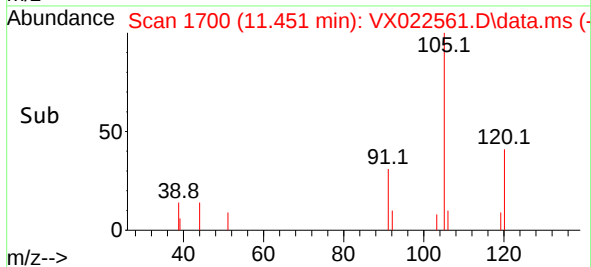
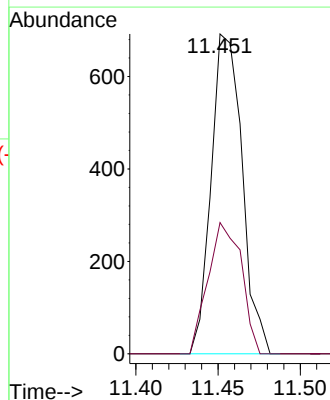
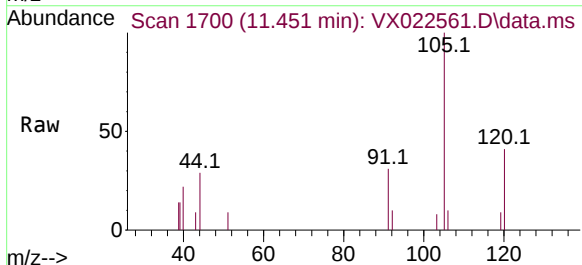
Instrument :
MSVOA_X
ClientSampled :

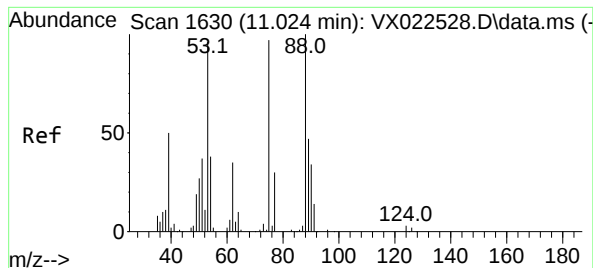
Tgt Ion: 75 Resp: 30170
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.274 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022561.D
Acq: 08 Jun 2021 14:12

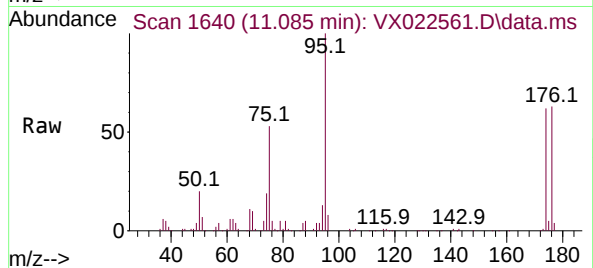
Tgt Ion: 105 Resp: 906
Ion Ratio Lower Upper
105 100
120 44.3 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.705 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022561.D
 Acq: 08 Jun 2021 14:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 30170
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

