

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022601.D
 Acq On : 09 Jun 2021 06:37
 Operator : JC/MD
 Sample : M2625-40
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 07:16:15 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)

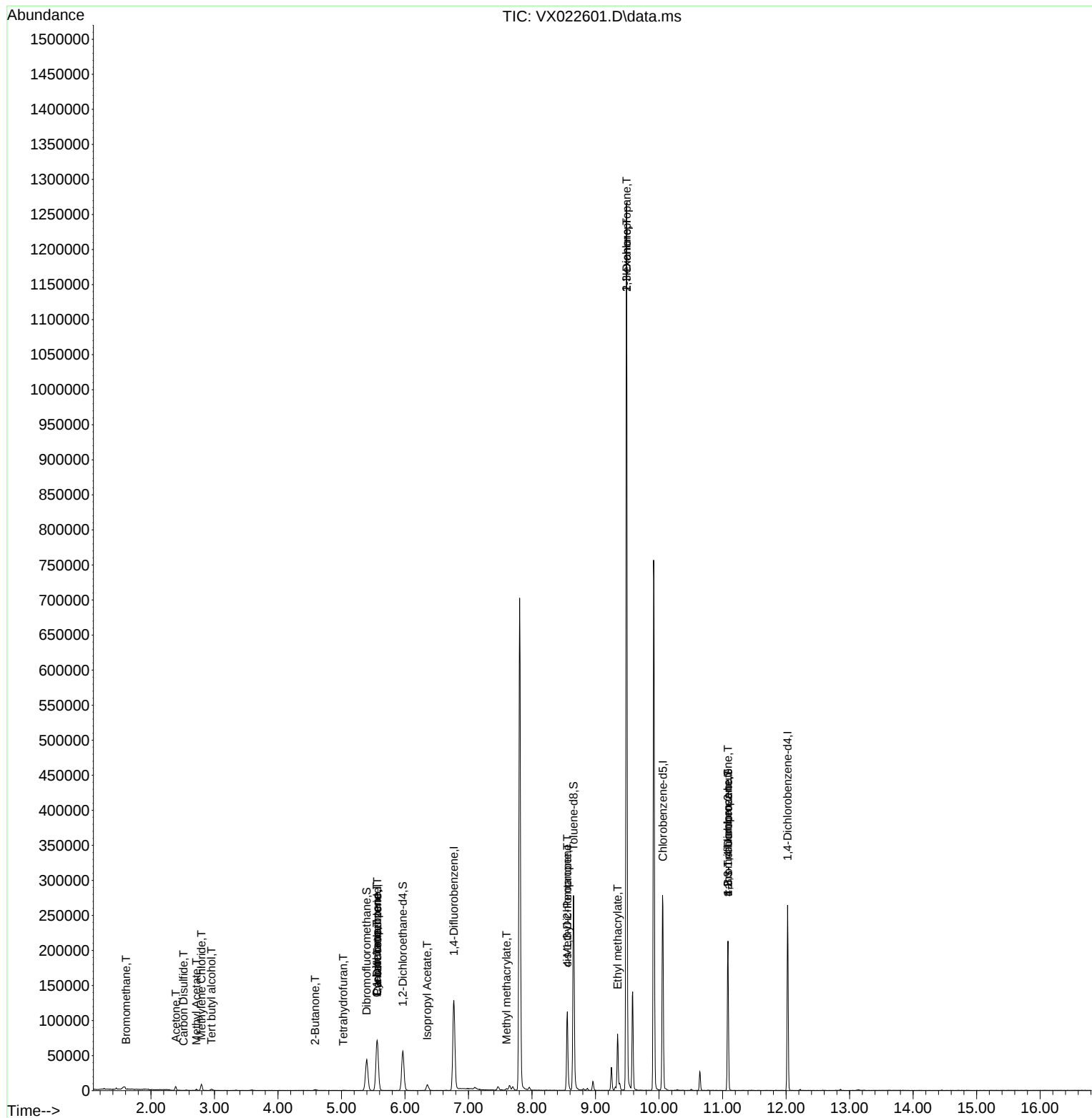
Internal Standards						
1) Pentafluorobenzene	5.562	168	60726	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	115933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52245	48.395	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.800%
35) Dibromofluoromethane	5.397	113	36198	46.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	8.653	98	157129	50.950	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.900%
62) 4-Bromofluorobenzene	11.085	95	57119	49.829	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.660%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	116	0.264	ug/l	90
11) Tert butyl alcohol	2.953	59	1285	5.307	ug/l	# 73
16) Acetone	2.392	43	5591	11.526	ug/l	# 86
17) Carbon Disulfide	2.514	76	80	3.423	ug/l	# 75
18) Methyl Acetate	2.715	43	1900	1.420	ug/l	# 83
20) Methylene Chloride	2.794	84	3777	3.729	ug/l	# 93
25) 2-Butanone	4.586	43	1404	1.751	ug/l	# 82
29) Tetrahydrofuran	5.025	42	105	0.223	ug/l	# 42
31) Cyclohexane	5.556	56	1834	1.436	ug/l	# 26
36) 1,1-Dichloropropene	5.556	75	6372	5.332	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	6782	7.942	ug/l	# 18
43) Isopropyl Acetate	6.348	43	11112	4.469	ug/l	# 91
48) Methyl methacrylate	7.598	41	3359	2.903	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	39619	25.576	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	17770	12.924	ug/l	# 67
56) Ethyl methacrylate	9.348	69	396	2.924	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10645	6.525	ug/l	# 42
59) 2-Hexanone	9.488	43	147271	124.449	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	30472	25.837	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	30472	63.742	ug/l	# 12

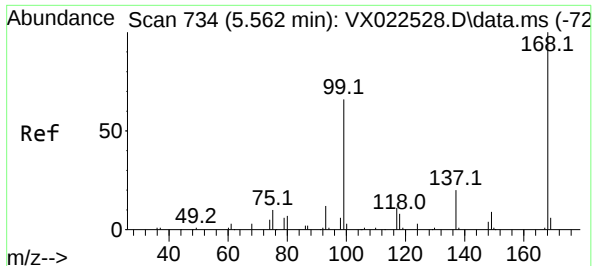
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
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Sample : M2625-40
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

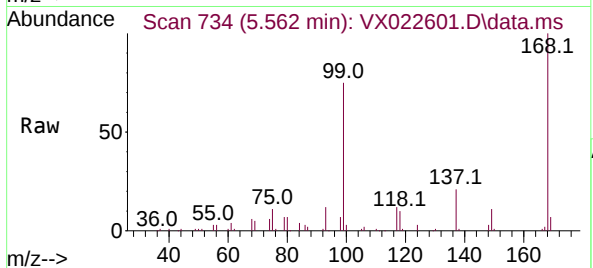
Quant Time: Jun 09 07:16:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



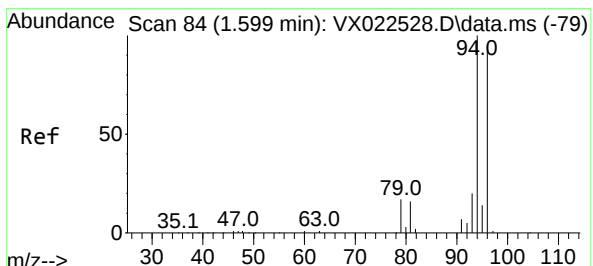
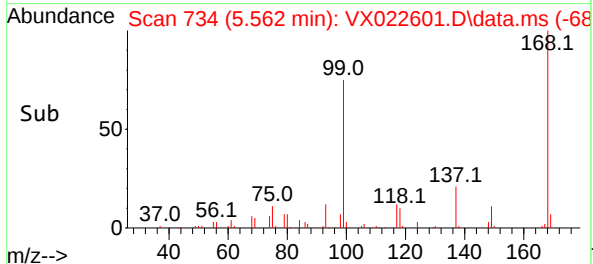
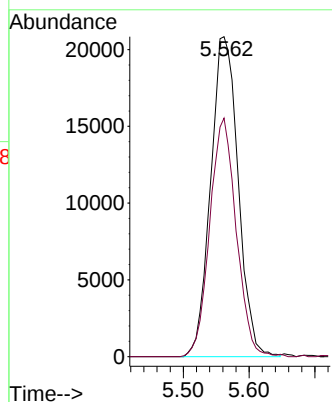


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Instrument :
MSVOA_X
ClientSampled :

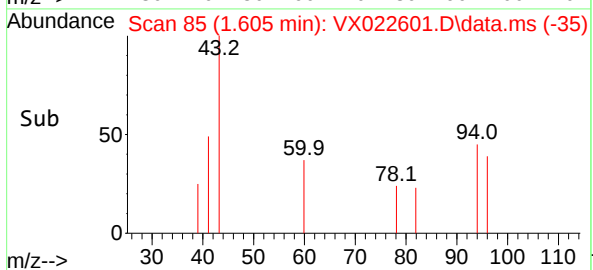
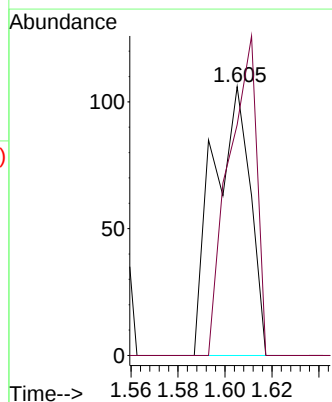
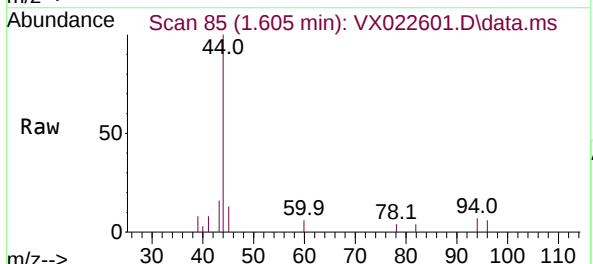


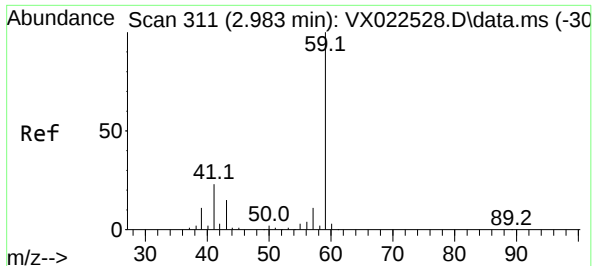
Tgt Ion:168 Resp: 60726
Ion Ratio Lower Upper
168 100
99 74.5 45.8 68.6#



#5
Bromomethane
Concen: 0.264 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 85.8 76.4 114.6



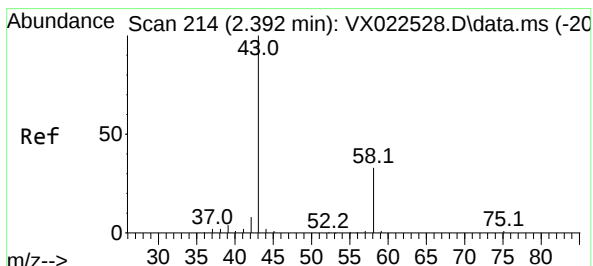
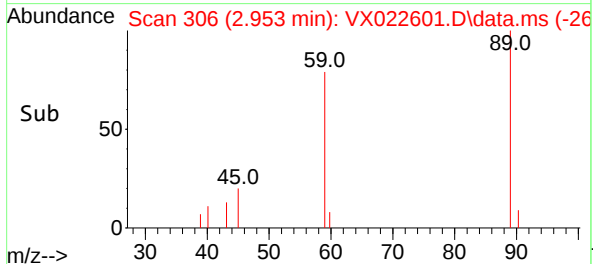
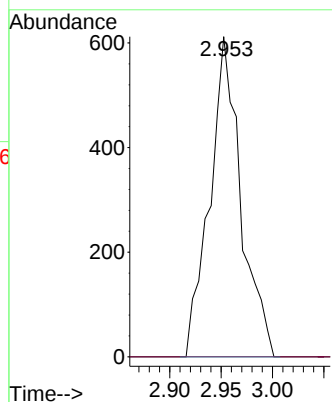
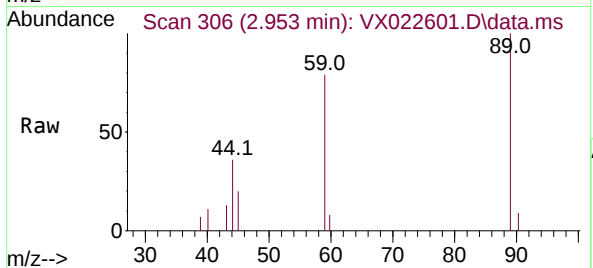


#11

Tert butyl alcohol
Concen: 5.307 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Instrument :
MSVOA_X
ClientSampled :

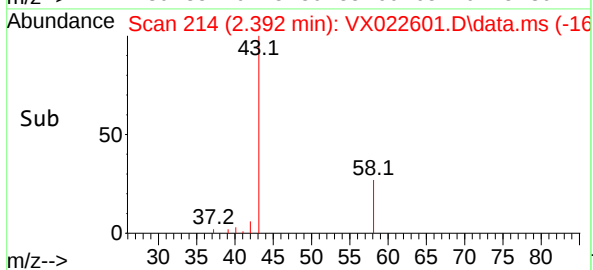
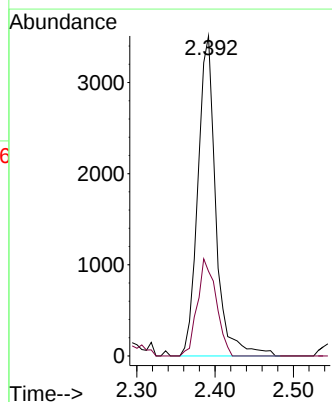
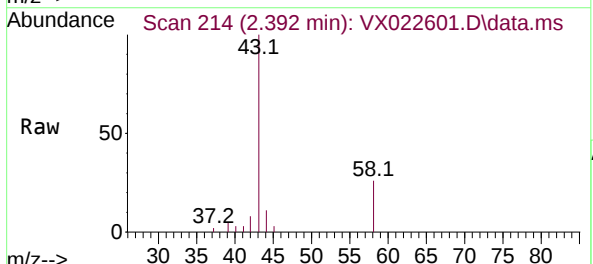
Tgt Ion: 59 Resp: 1285
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

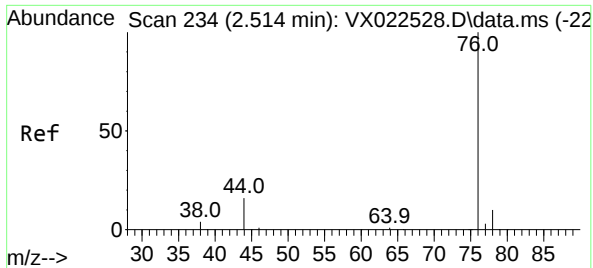


#16

Acetone
Concen: 11.526 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Tgt Ion: 43 Resp: 5591
Ion Ratio Lower Upper
43 100
58 26.4 27.8 41.8#

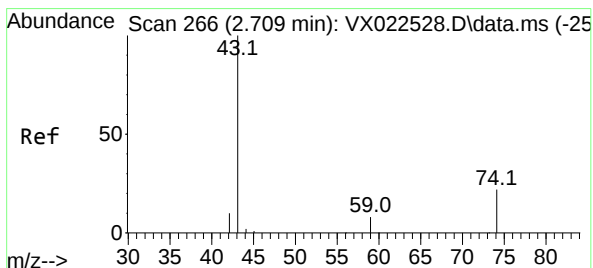
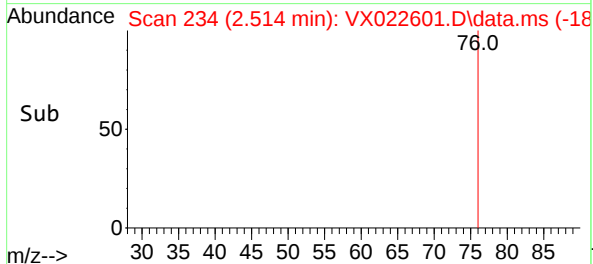
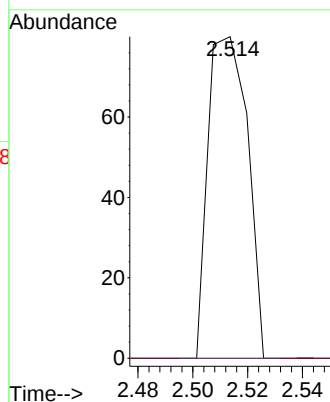
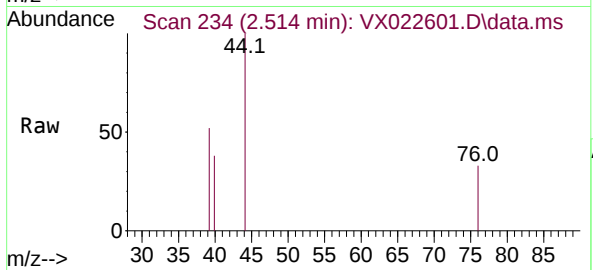




#17
Carbon Disulfide
Concen: 3.423 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

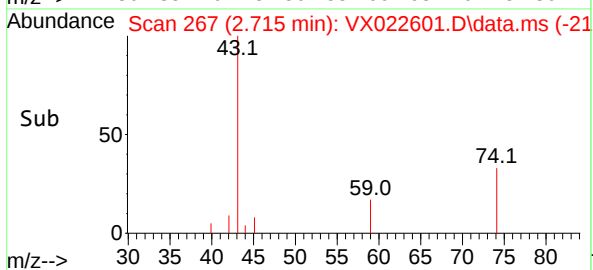
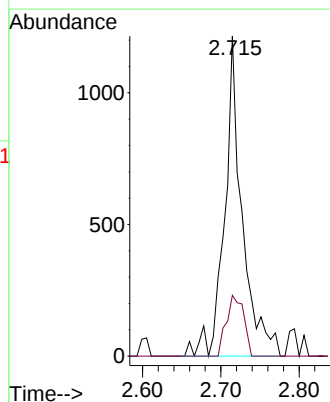
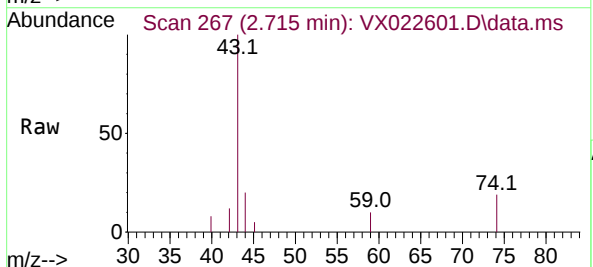
Instrument :
MSVOA_X
ClientSampled :

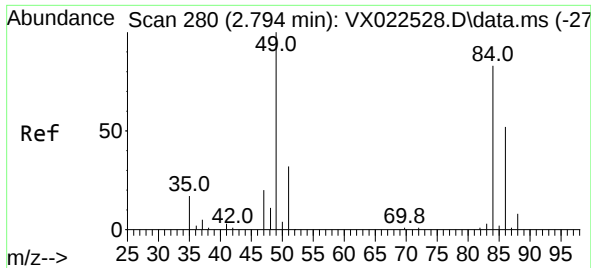
Tgt Ion: 76 Resp: 80
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.420 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Tgt Ion: 43 Resp: 1900
Ion Ratio Lower Upper
43 100
74 18.6 21.9 32.9#



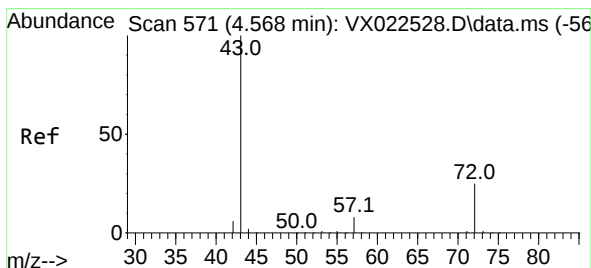
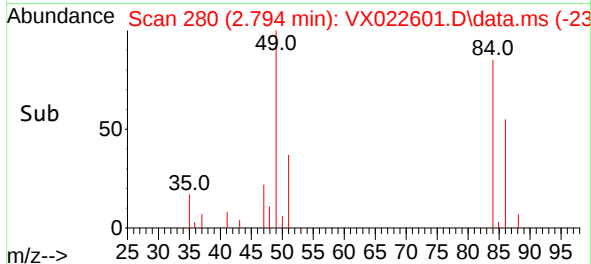
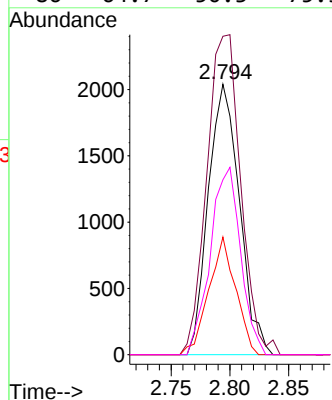
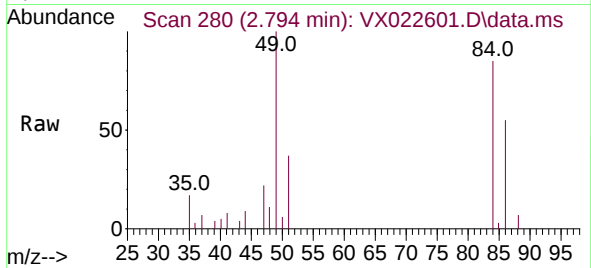


#20
Methylene Chloride
Concen: 3.729 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 3777

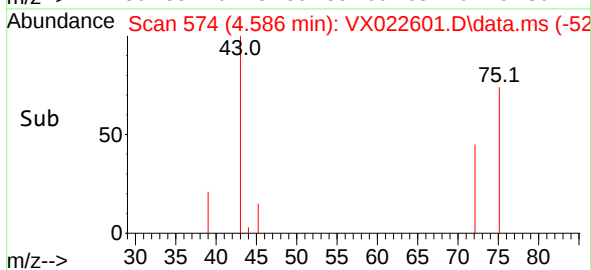
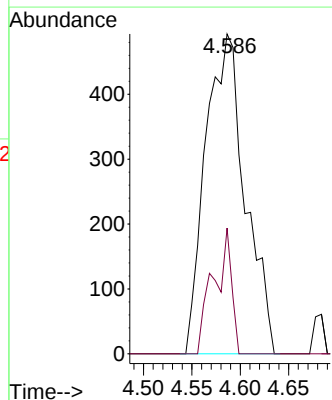
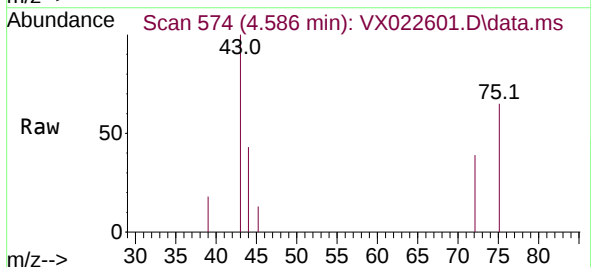
Ion	Ratio	Lower	Upper
84	100		
49	117.7	88.6	132.8
51	43.5	27.0	40.6#
86	64.7	50.3	75.5

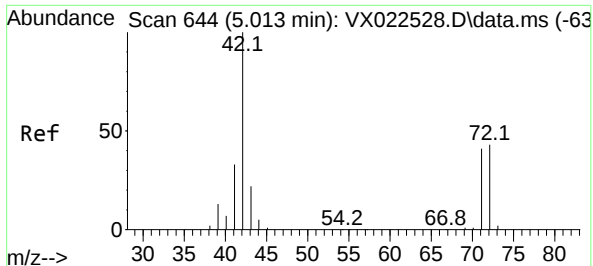


#25
2-Butanone
Concen: 1.751 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Tgt Ion: 43 Resp: 1404

Ion	Ratio	Lower	Upper
43	100		
72	39.4	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.223 ug/l

RT: 5.025 min Scan# 646

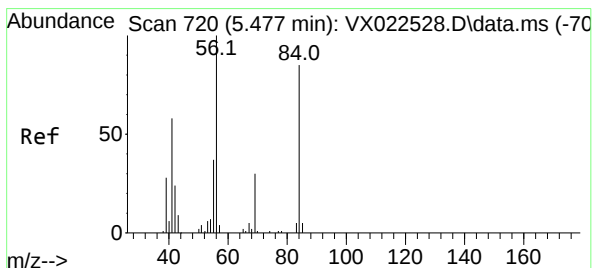
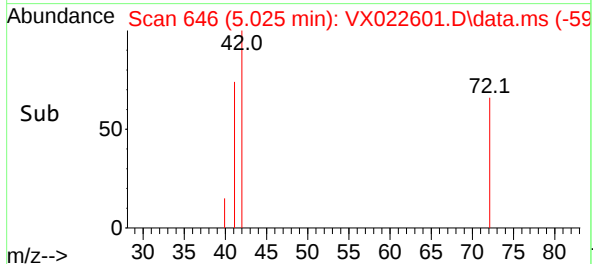
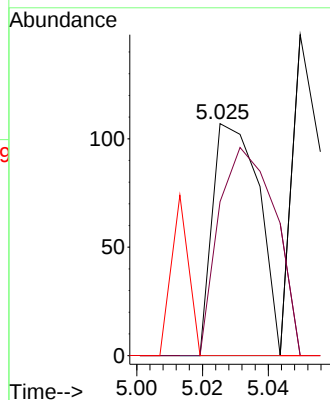
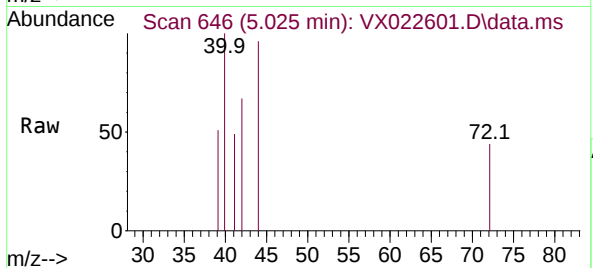
Delta R.T. 0.012 min

Lab File: VX022601.D

Acq: 09 Jun 2021 06:37

Tgt Ion:	42	Resp:	105
Ion	Ratio	Lower	Upper
42	100		
72	109.5	41.7	62.5#
71	25.7	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.436 ug/l

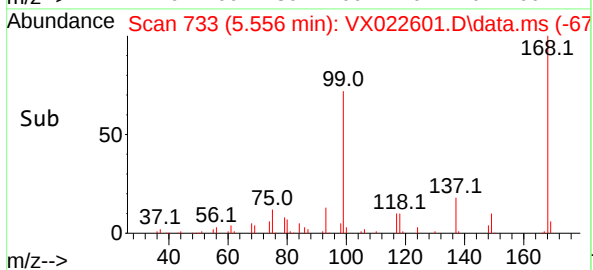
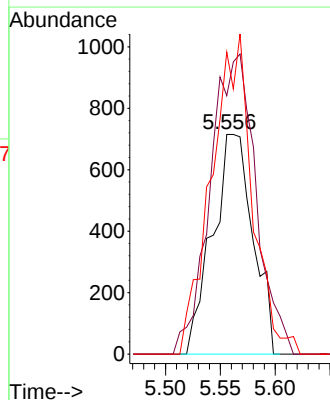
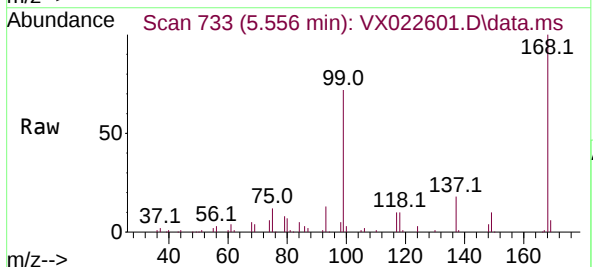
RT: 5.556 min Scan# 733

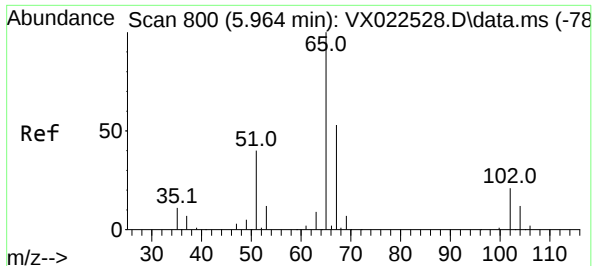
Delta R.T. 0.079 min

Lab File: VX022601.D

Acq: 09 Jun 2021 06:37

Tgt Ion:	56	Resp:	1834
Ion	Ratio	Lower	Upper
56	100		
69	107.6	25.3	37.9#
84	137.5	71.4	107.0#



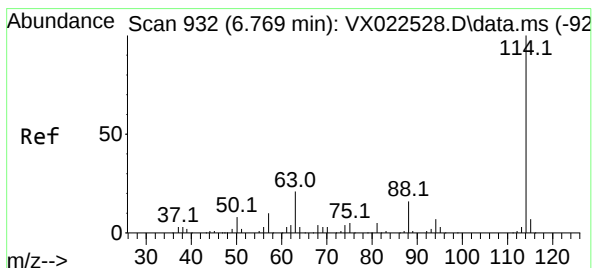
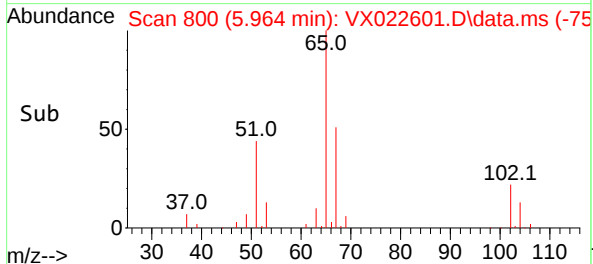
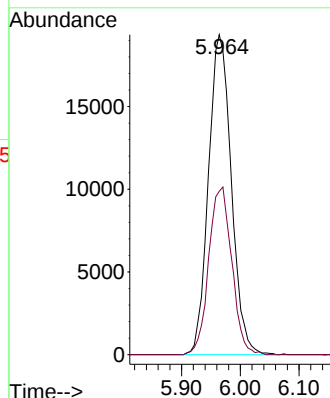
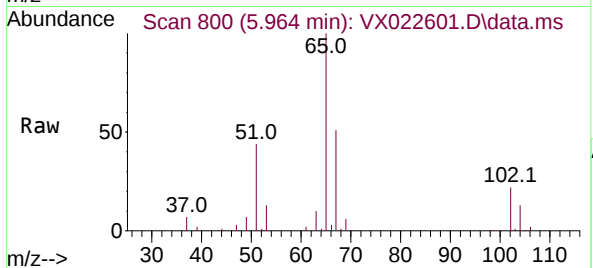


#33

1,2-Dichloroethane-d4
Concen: 48.395 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Instrument :
MSVOA_X
ClientSampled :

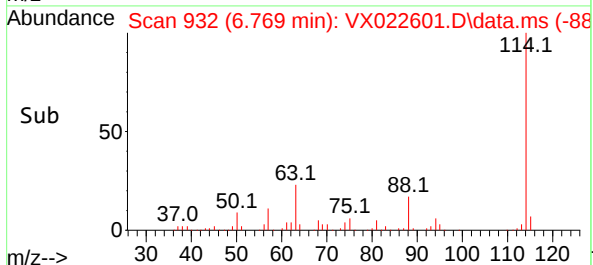
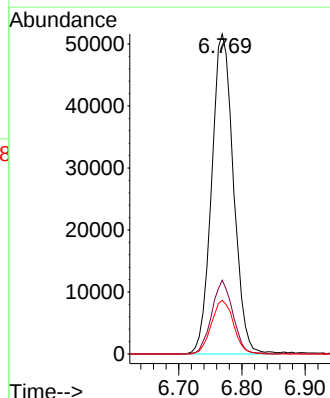
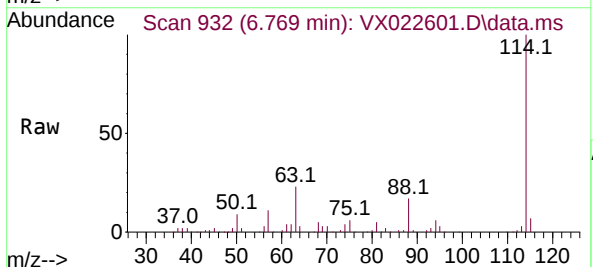
Tgt Ion: 65 Resp: 52245
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

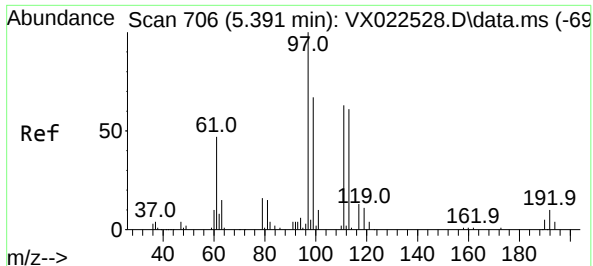


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Tgt Ion: 114 Resp: 123535
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 16.8 0.0 32.8

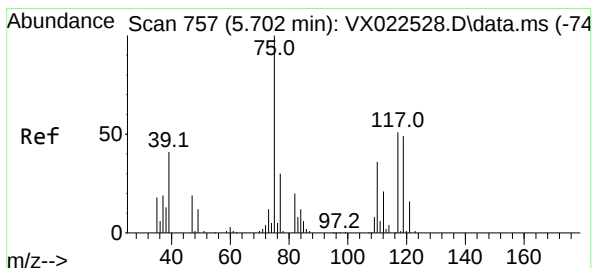
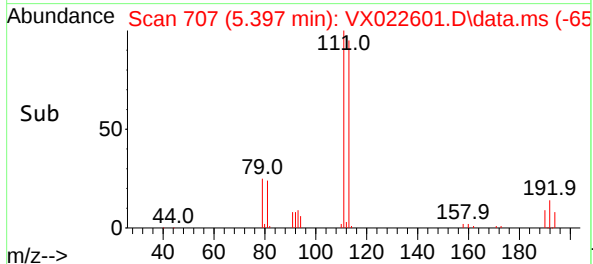
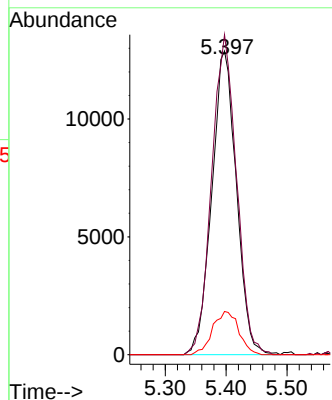
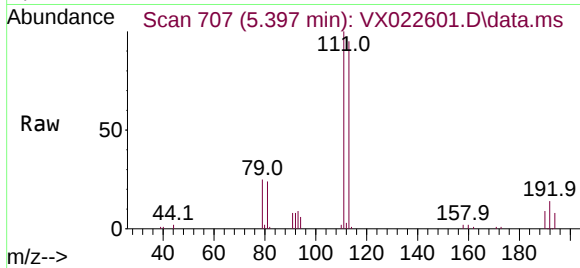




#35
Dibromofluoromethane
Concen: 46.833 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

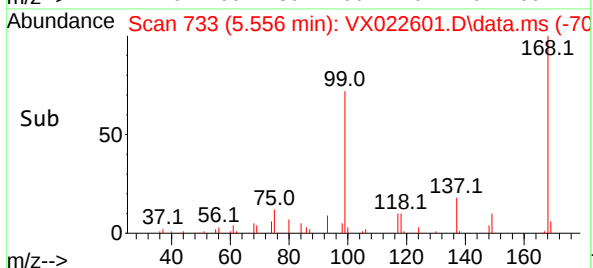
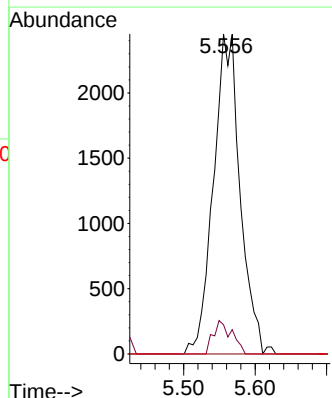
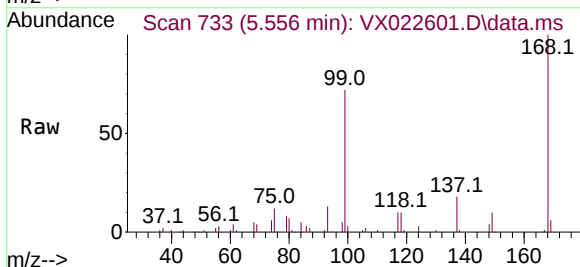
Instrument :
MSVOA_X
ClientSampled :

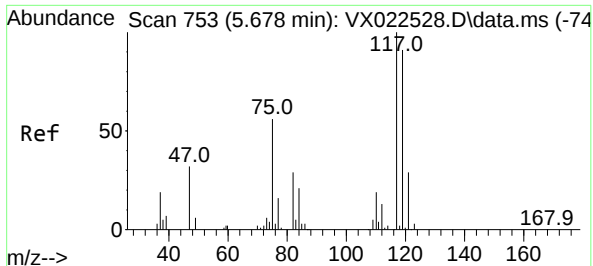
Tgt Ion:113 Resp: 36198
Ion Ratio Lower Upper
113 100
111 106.2 81.9 122.9
192 15.1 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.332 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

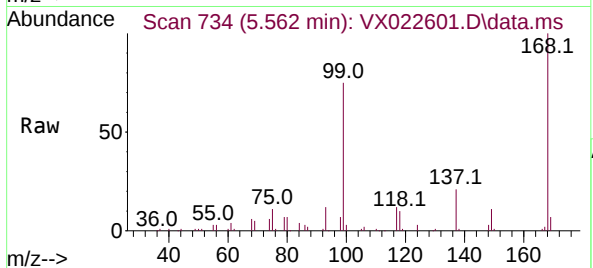
Tgt Ion: 75 Resp: 6372
Ion Ratio Lower Upper
75 100
110 7.2 18.1 54.4#
77 0.0 25.3 37.9#



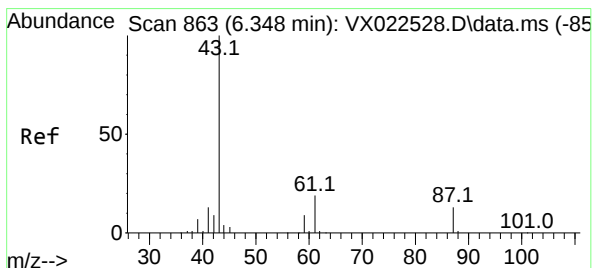
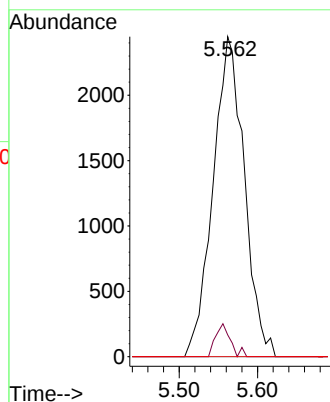
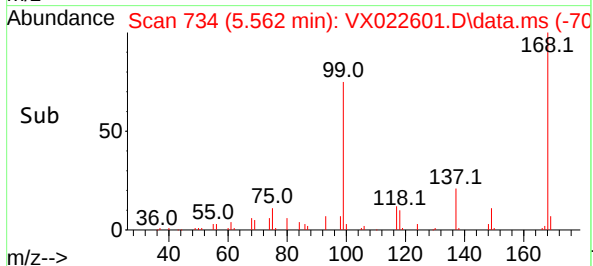


#38
Carbon Tetrachloride
Concen: 7.942 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

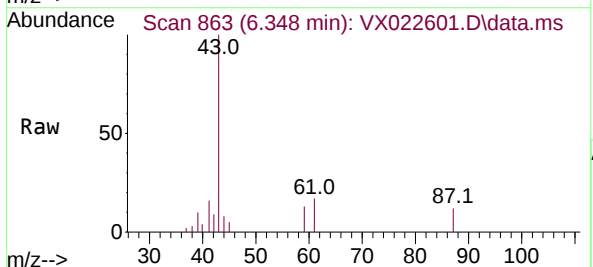
Instrument :
MSVOA_X
ClientSampled :



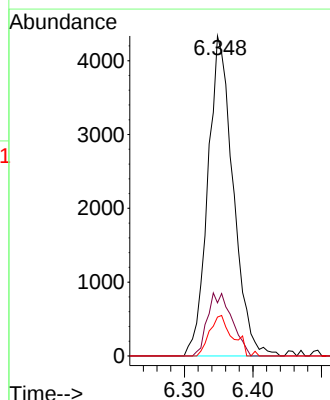
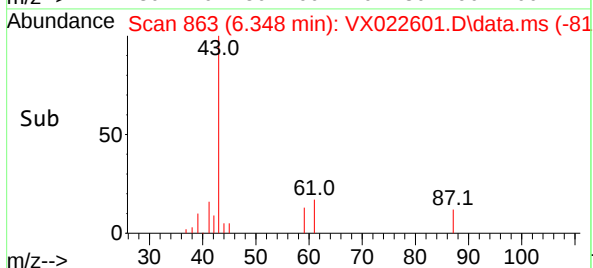
Tgt Ion:117 Resp: 6782
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

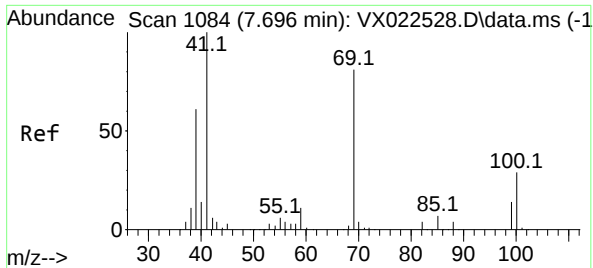


#43
Isopropyl Acetate
Concen: 4.469 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37



Tgt Ion: 43 Resp: 11112
Ion Ratio Lower Upper
43 100
61 19.2 18.2 27.4
87 11.3 12.5 18.7#

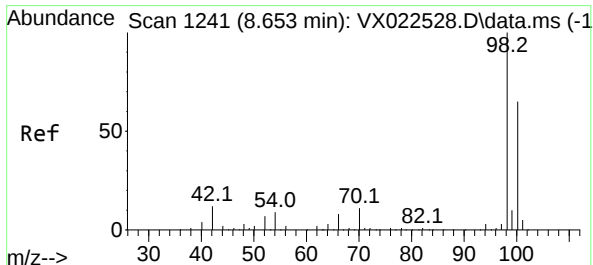
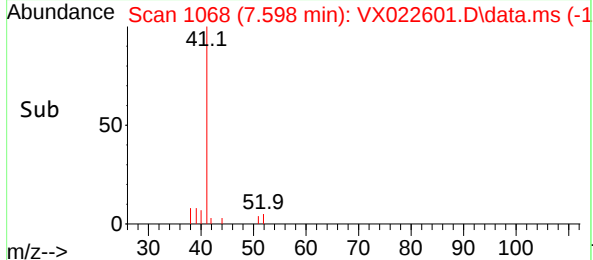
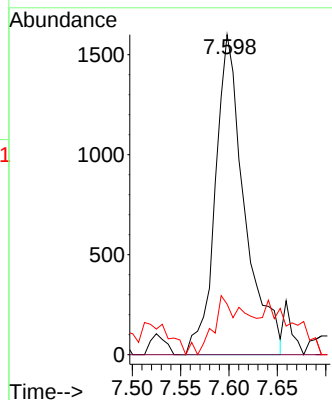
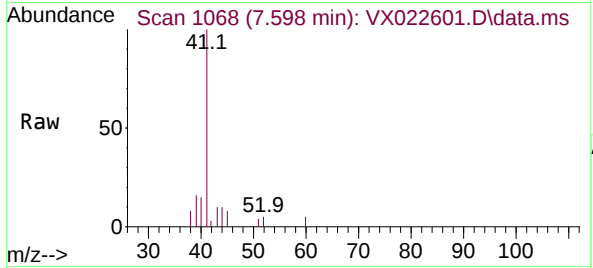




#48
Methyl methacrylate
Concen: 2.903 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

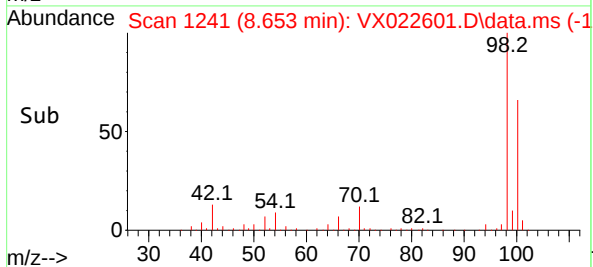
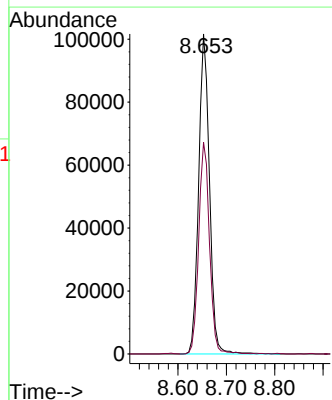
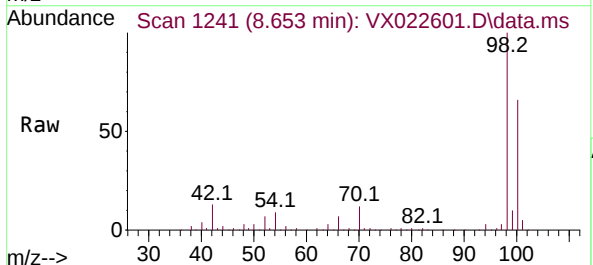
Instrument :
MSVOA_X
ClientSampled :

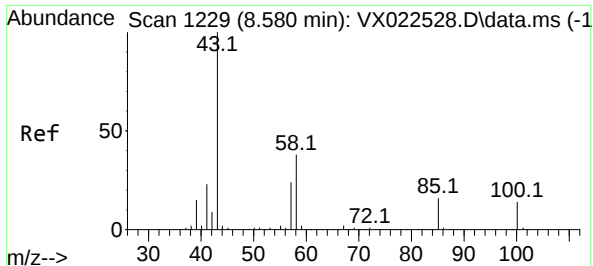
Tgt Ion: 41 Resp: 3359
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.950 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Tgt Ion: 98 Resp: 157129
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

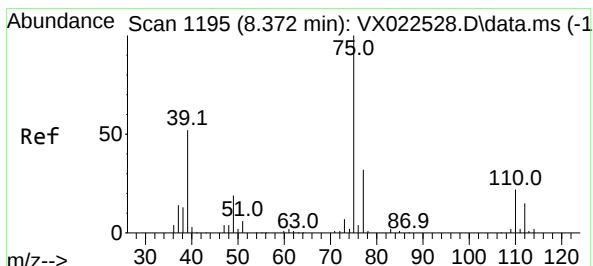
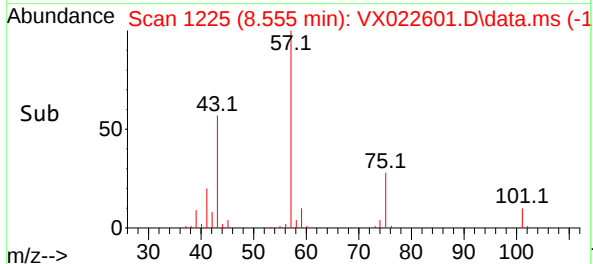
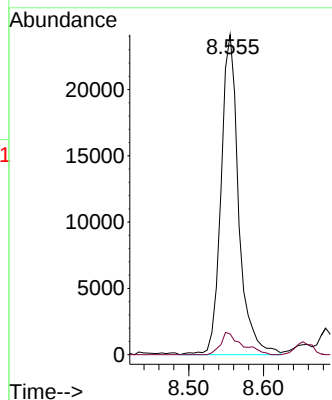
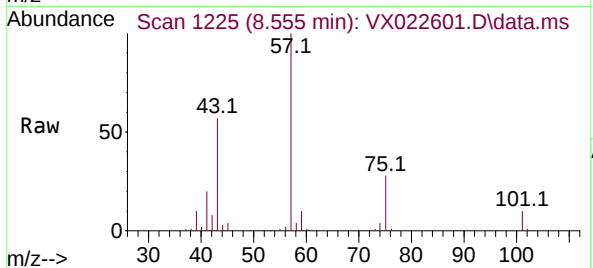




#51
4-Methyl-2-Pentanone
Concen: 25.576 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

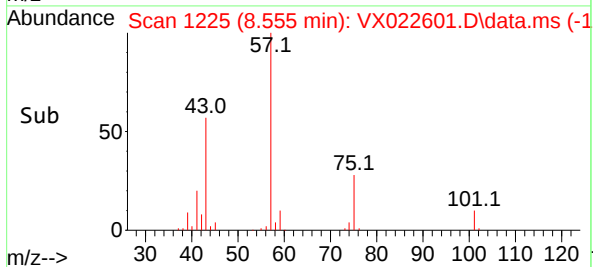
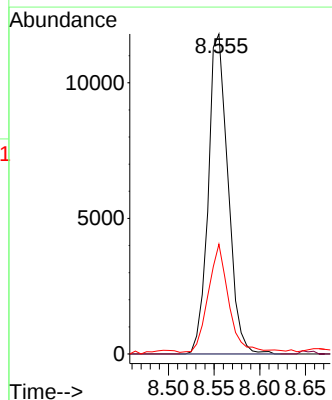
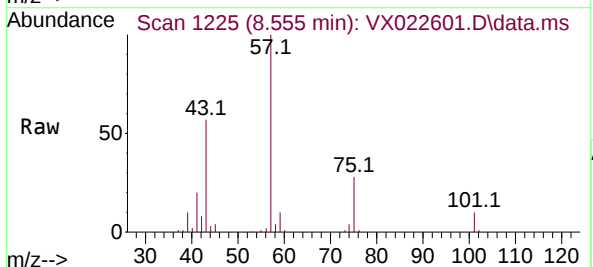
Instrument :
MSVOA_X
ClientSampled :

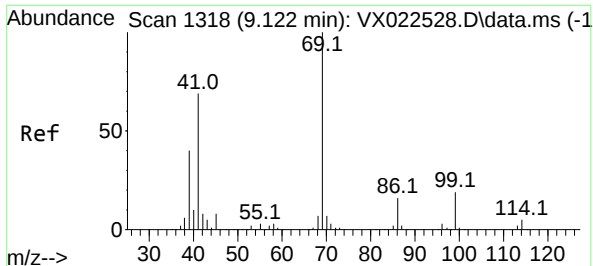
Tgt Ion: 43 Resp: 39619
Ion Ratio Lower Upper
43 100
58 8.3 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 12.924 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Tgt Ion: 75 Resp: 17770
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 33.8 35.1 52.7#





#56

Ethyl methacrylate

Concen: 2.924 ug/l

RT: 9.348 min Scan# 1355

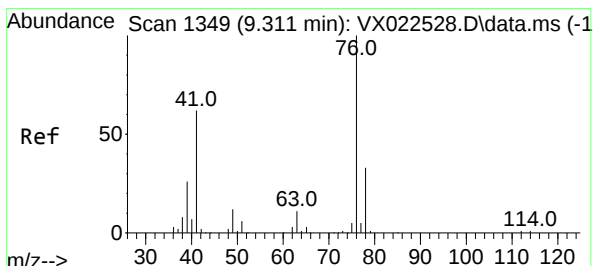
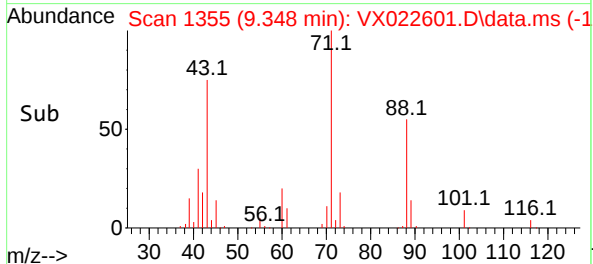
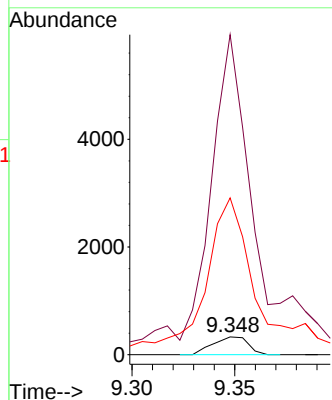
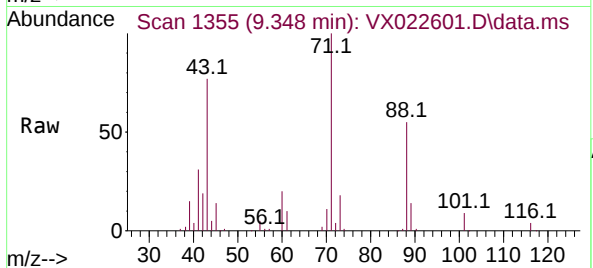
Delta R.T. 0.226 min

Lab File: VX022601.D

Acq: 09 Jun 2021 06:37

Tgt Ion:	69	Resp:	396
Ion Ratio	Lower	Upper	
69	100		
41	2256.3	46.8	70.2#
39	1142.4	24.7	37.1#

Instrument :
MSVOA_X
ClientSampled :



#57

1,3-Dichloropropane

Concen: 6.525 ug/l

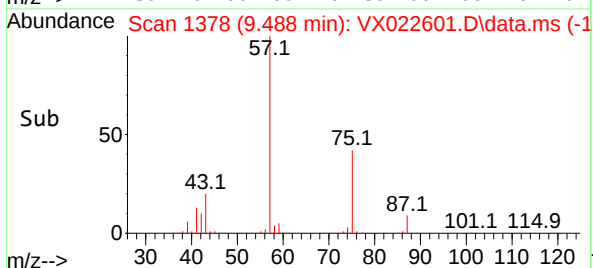
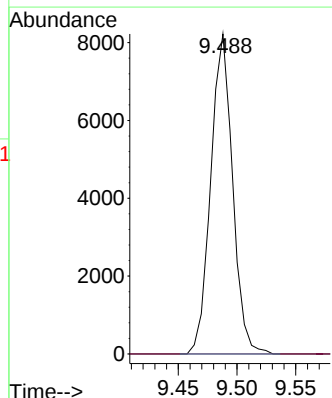
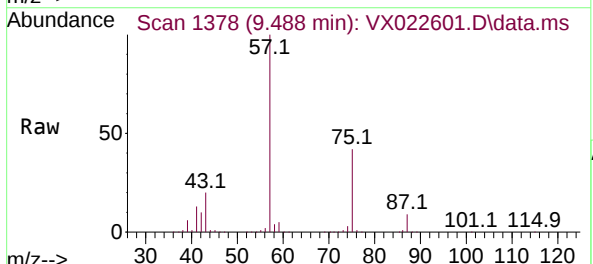
RT: 9.488 min Scan# 1378

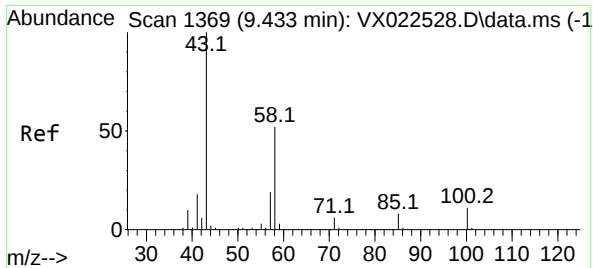
Delta R.T. 0.177 min

Lab File: VX022601.D

Acq: 09 Jun 2021 06:37

Tgt Ion:	76	Resp:	10645
Ion Ratio	Lower	Upper	
76	100		
78	0.0	26.2	39.2#

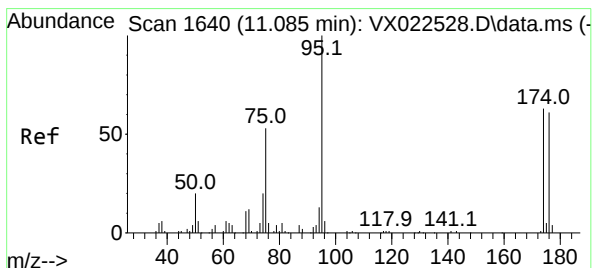
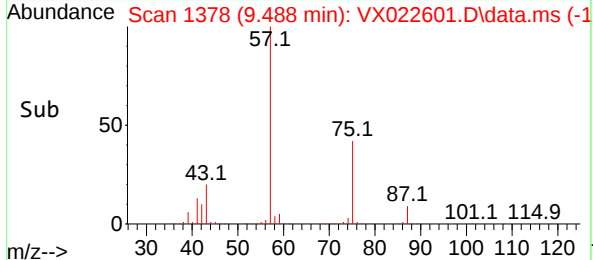
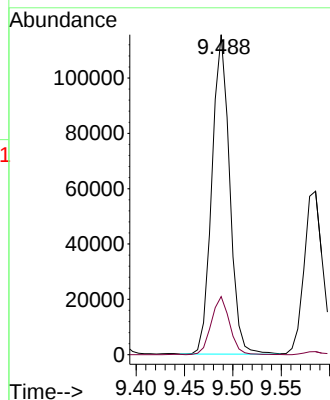
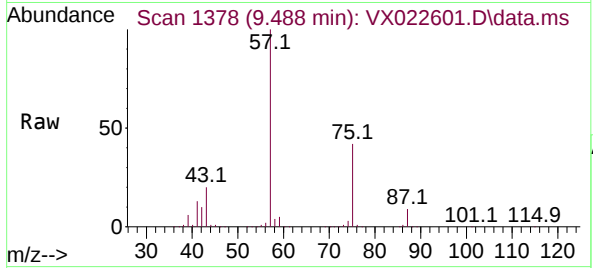




#59
2-Hexanone
Concen: 124.449 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

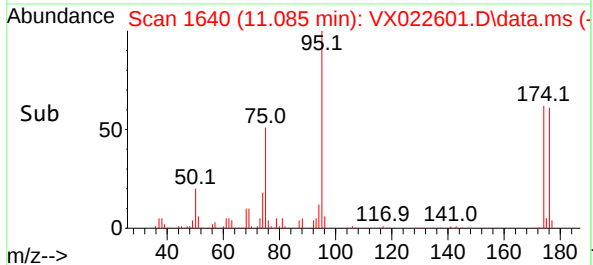
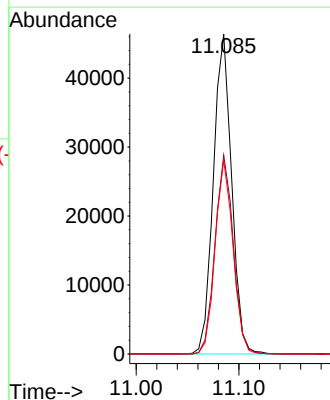
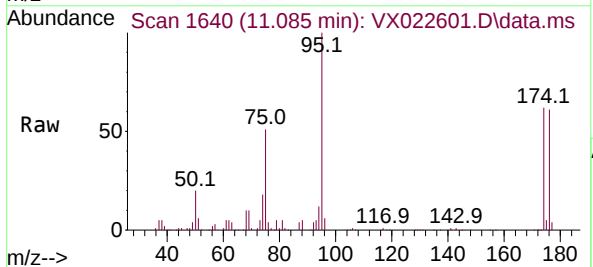
Instrument :
MSVOA_X
ClientSampled :

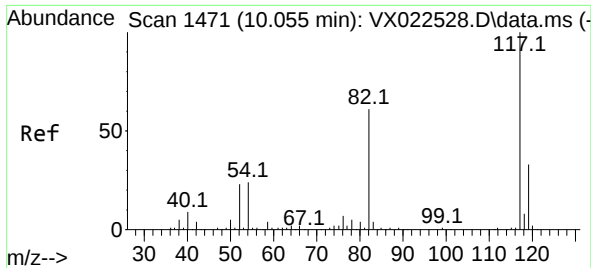
Tgt Ion: 43 Resp: 147271
Ion Ratio Lower Upper
43 100
58 18.8 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 49.829 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Tgt Ion: 95 Resp: 57119
Ion Ratio Lower Upper
95 100
174 62.3 0.0 154.6
176 59.3 0.0 155.8

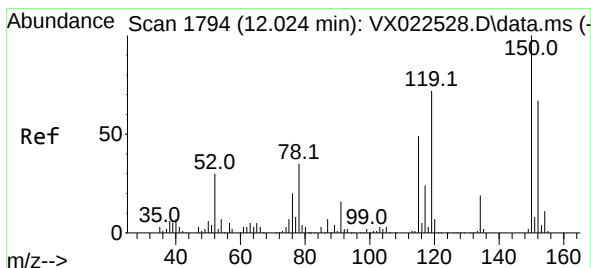
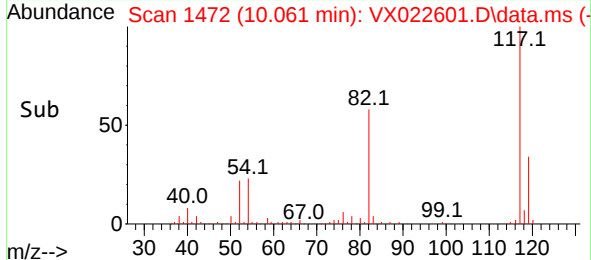
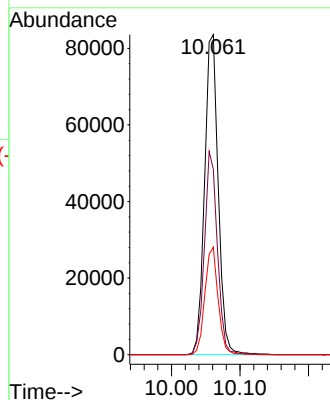
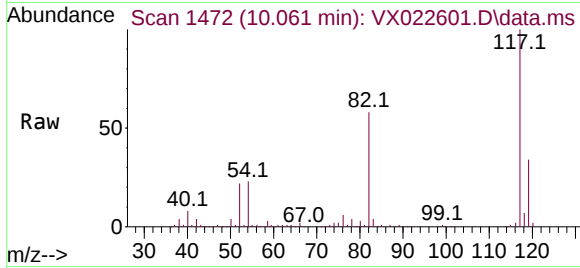




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

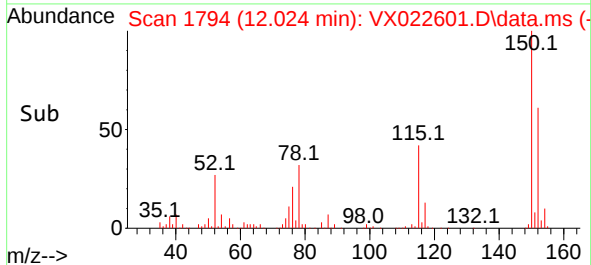
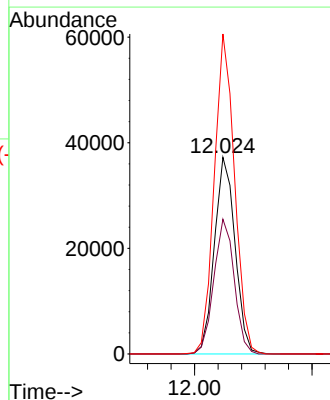
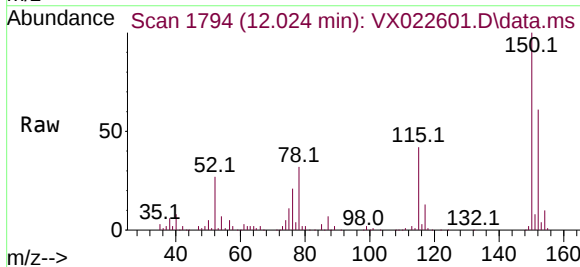
Instrument :
MSVOA_X
ClientSampled :

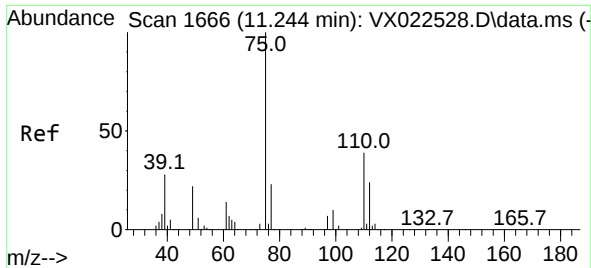
Tgt Ion:117 Resp: 115933
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 33.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Tgt Ion:152 Resp: 45526
Ion Ratio Lower Upper
152 100
115 67.5 41.1 123.3
150 159.4 0.0 349.0

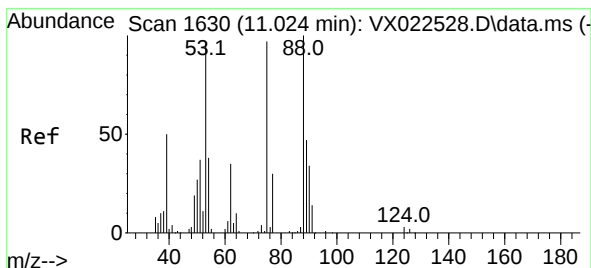
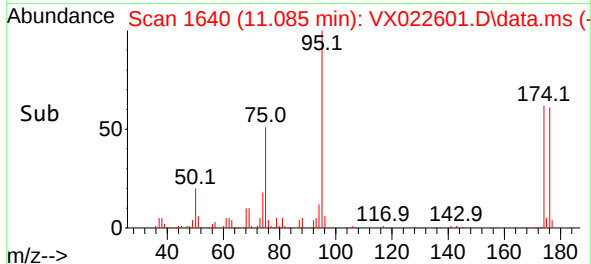
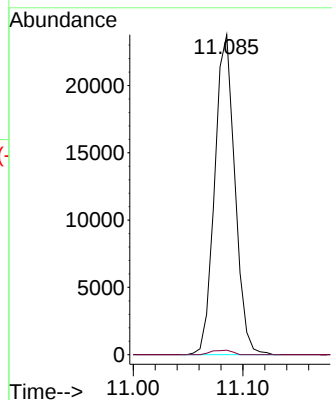
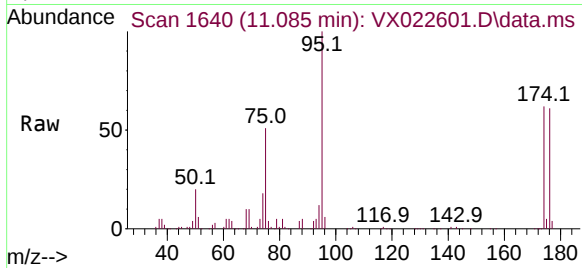




#76
1,2,3-Trichloropropane
Concen: 25.837 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 30472
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.742 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022601.D
Acq: 09 Jun 2021 06:37

Tgt Ion: 75 Resp: 30472
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

