

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022595.D
 Acq On : 09 Jun 2021 04:16
 Operator : JC/MD
 Sample : M2625-34
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 06:40:58 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

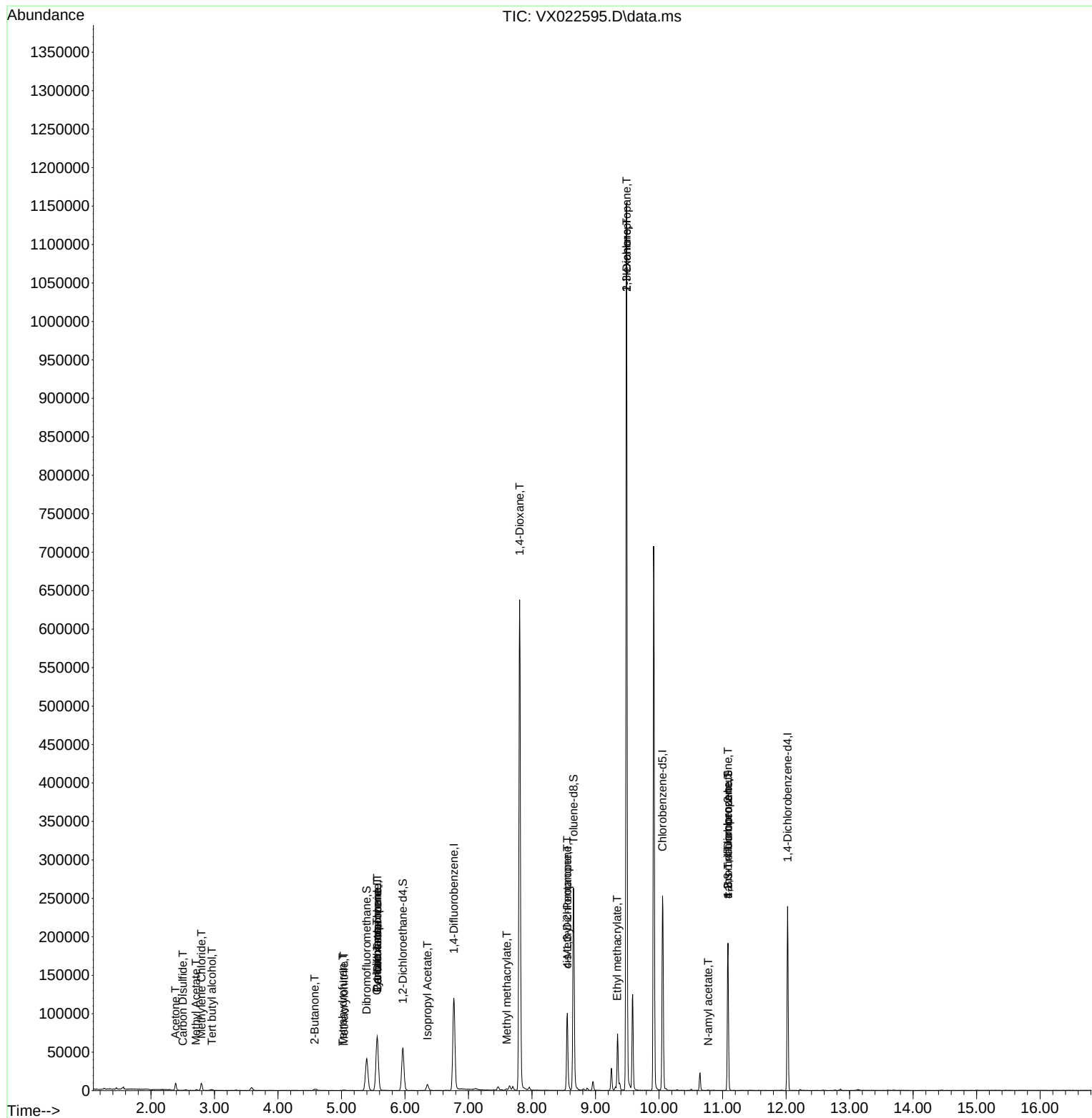
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	57597	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	117044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49990	48.822	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.640%
35) Dibromofluoromethane	5.397	113	35146	47.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.980%
50) Toluene-d8	8.653	98	150623	51.549	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.100%
62) 4-Bromofluorobenzene	11.085	95	51863	47.753	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.500%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	884	3.849	ug/l	# 73
16) Acetone	2.386	43	9672	21.022	ug/l	95
17) Carbon Disulfide	2.502	76	56	3.413	ug/l	# 75
18) Methyl Acetate	2.709	43	1523	1.200	ug/l	# 81
20) Methylene Chloride	2.794	84	3710	3.862	ug/l	# 79
25) 2-Butanone	4.574	43	1780	2.341	ug/l	98
29) Tetrahydrofuran	5.019	42	203	0.455	ug/l	# 35
31) Cyclohexane	5.556	56	1743	1.439	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	5863	5.178	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	7067	8.516	ug/l	# 17
41) Methacrylonitrile	5.038	41	368	0.461	ug/l	# 34
43) Isopropyl Acetate	6.355	43	10369	4.401	ug/l	# 89
48) Methyl methacrylate	7.604	41	3167	2.889	ug/l	# 10
49) 1,4-Dioxane	7.806	88	44	1.985	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	35417	24.132	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	16414	12.665	ug/l	# 63
56) Ethyl methacrylate	9.342	69	355	2.912	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	9510	6.152	ug/l	# 42
59) 2-Hexanone	9.488	43	134122	119.623	ug/l	# 45
74) N-amyl acetate	10.775	43	496	0.267	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	28145	25.616	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28145	63.247	ug/l	# 12

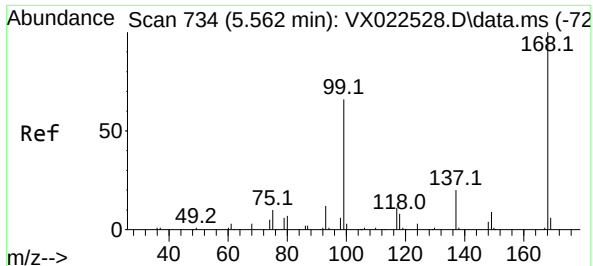
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 09 06:40:58 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

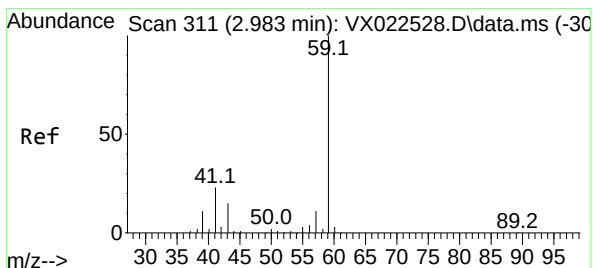
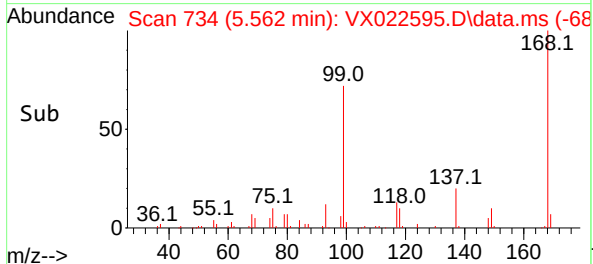
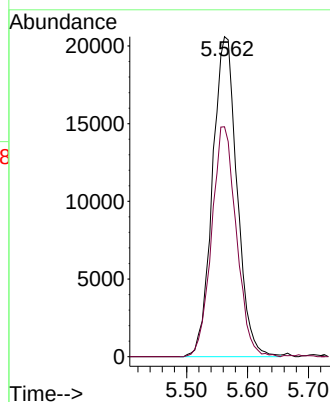
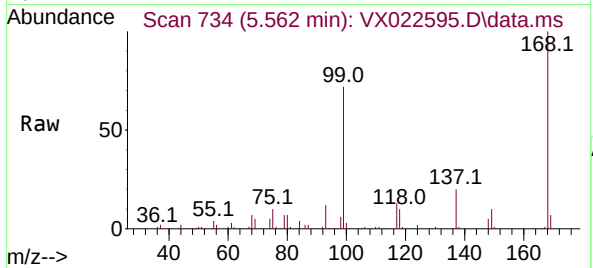




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

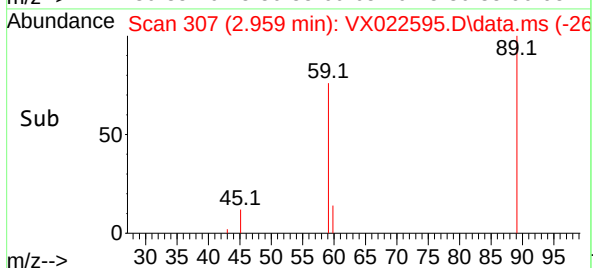
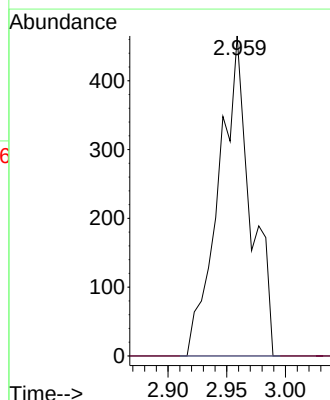
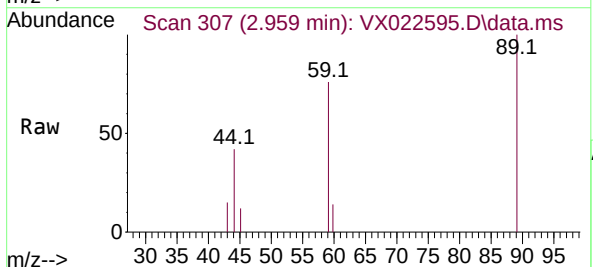
Instrument :
MSVOA_X
ClientSampled :

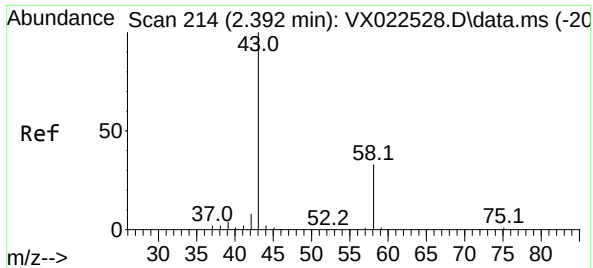
Tgt Ion:168 Resp: 57597
Ion Ratio Lower Upper
168 100
99 71.9 45.8 68.6#



#11
Tert butyl alcohol
Concen: 3.849 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 59 Resp: 884
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

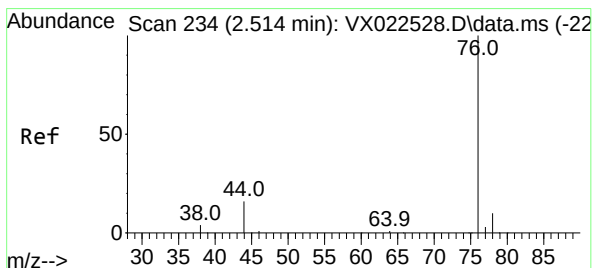
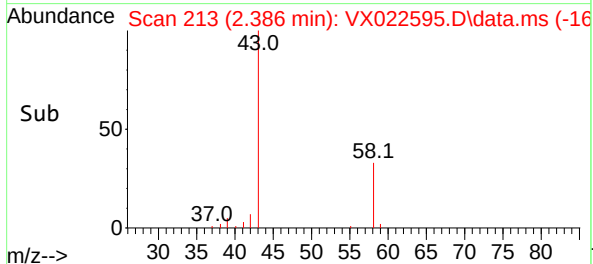
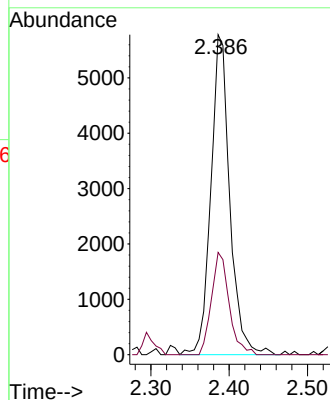
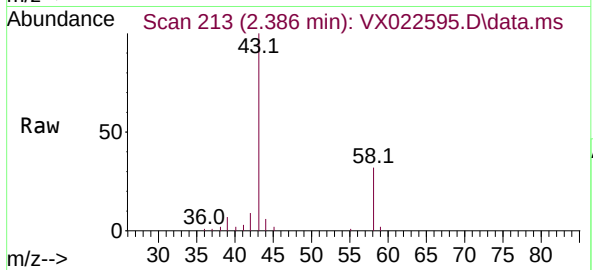




#16
Acetone
Concen: 21.022 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

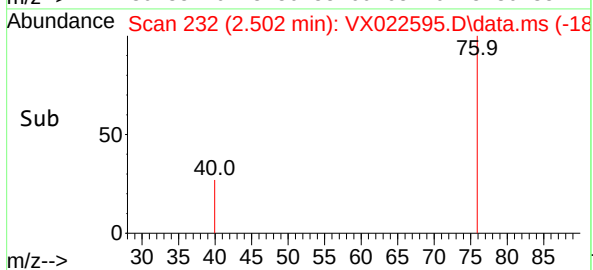
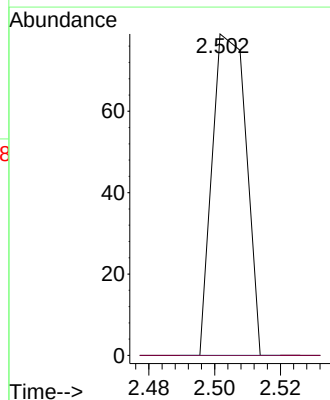
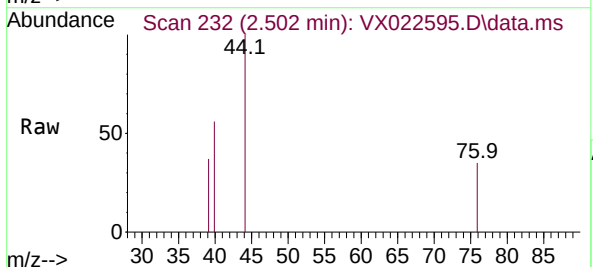
Instrument :
MSVOA_X
ClientSampled :

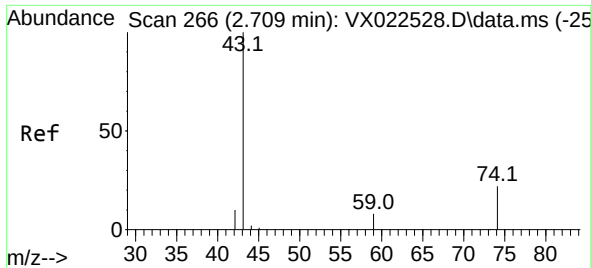
Tgt Ion: 43 Resp: 9672
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8



#17
Carbon Disulfide
Concen: 3.413 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.012 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 76 Resp: 56
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

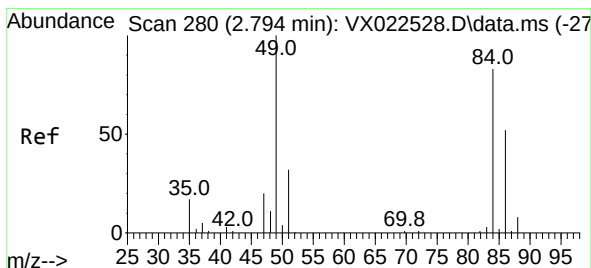
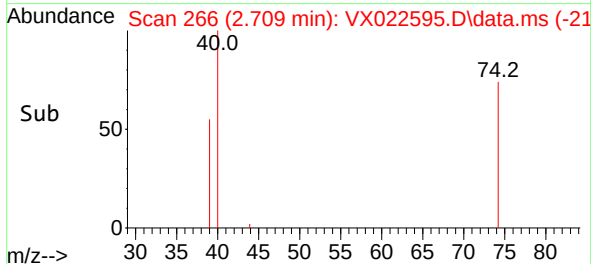
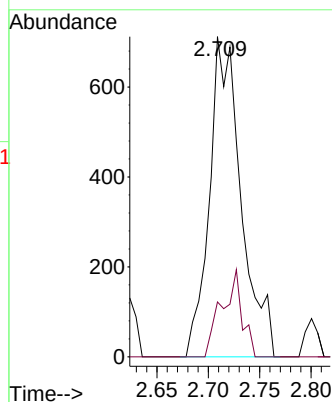
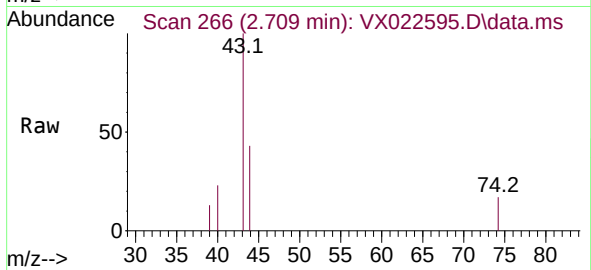




#18
Methyl Acetate
Concen: 1.200 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

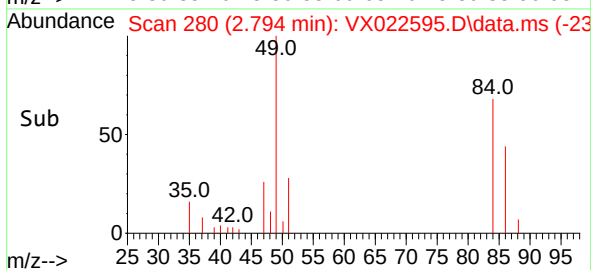
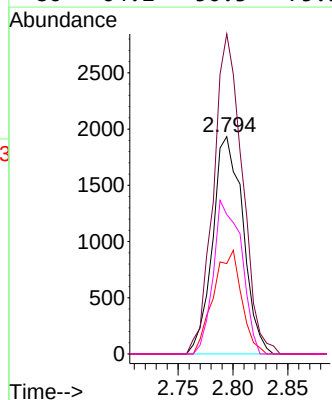
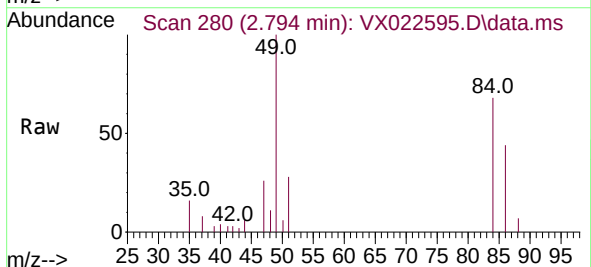
Instrument :
MSVOA_X
ClientSampled :

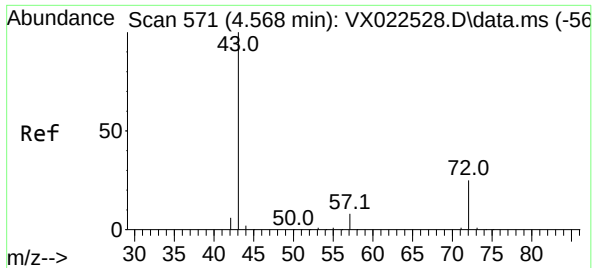
Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
74 17.5 21.9 32.9#



#20
Methylene Chloride
Concen: 3.862 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 84 Resp: 3710
Ion Ratio Lower Upper
84 100
49 147.3 88.6 132.8#
51 41.7 27.0 40.6#
86 64.2 50.3 75.5

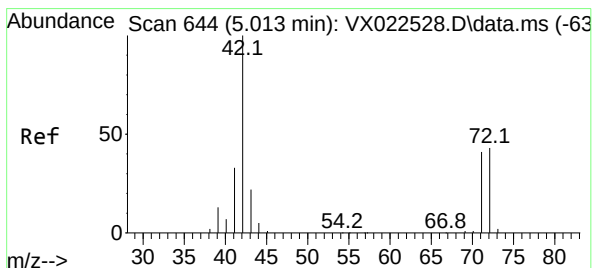
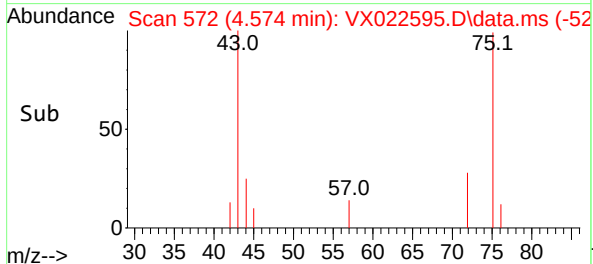
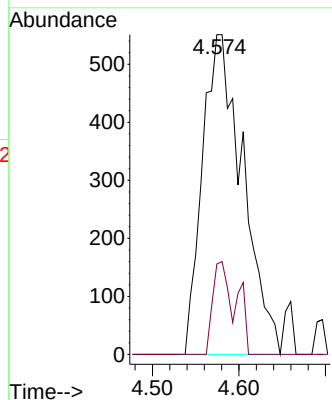
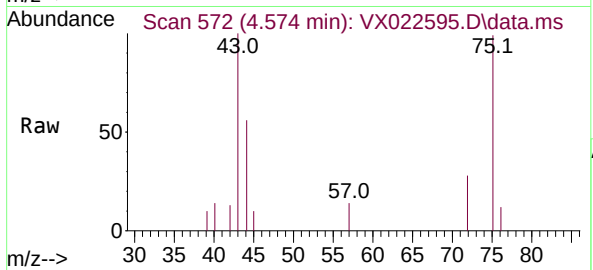




#25
2-Butanone
Concen: 2.341 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

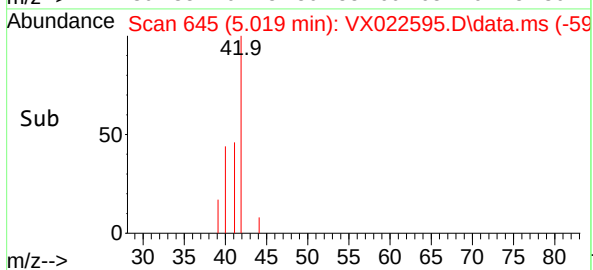
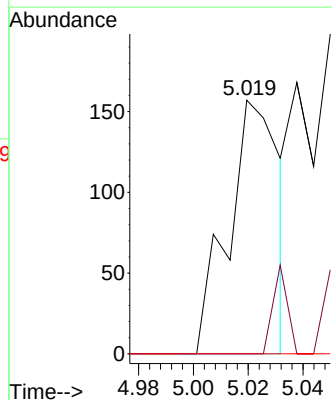
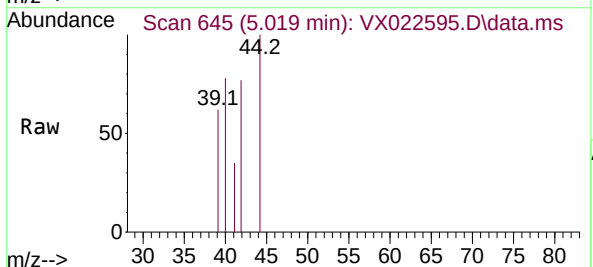
Instrument :
MSVOA_X
ClientSampled :

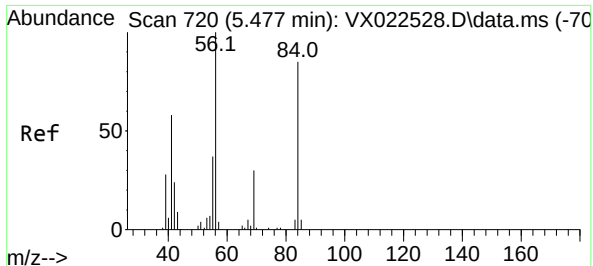
Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
72 28.3 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.455 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.006 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 42 Resp: 203
Ion Ratio Lower Upper
42 100
72 9.9 41.7 62.5#
71 0.0 38.4 57.6#

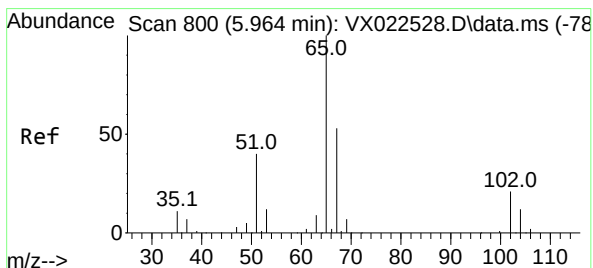
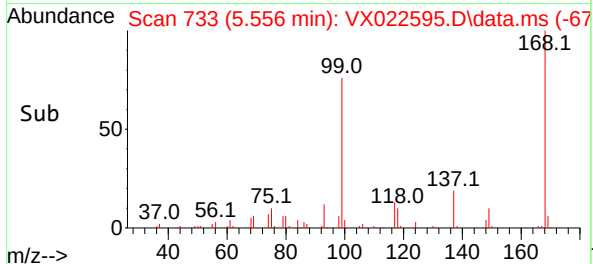
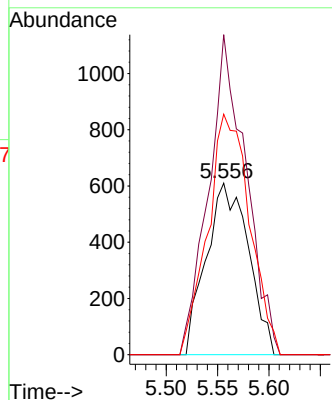
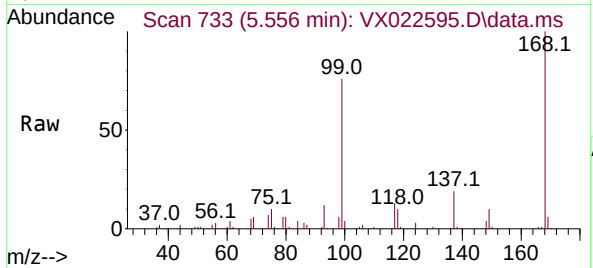




#31
Cyclohexane
Concen: 1.439 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

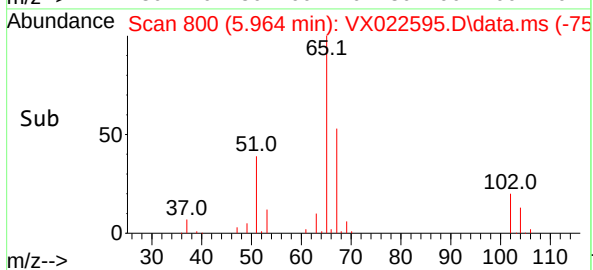
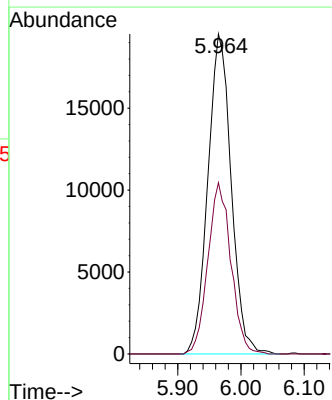
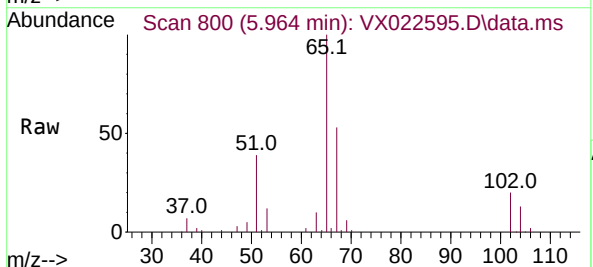
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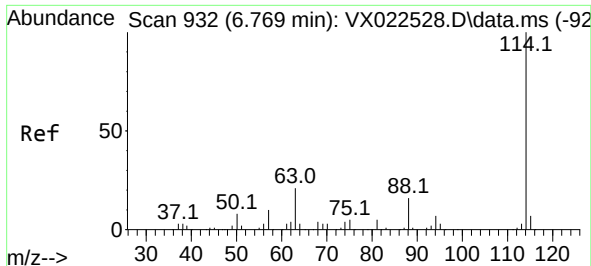
Tgt Ion: 56 Resp: 1743
Ion Ratio Lower Upper
56 100
69 186.6 25.3 37.9#
84 140.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.822 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 65 Resp: 49990
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

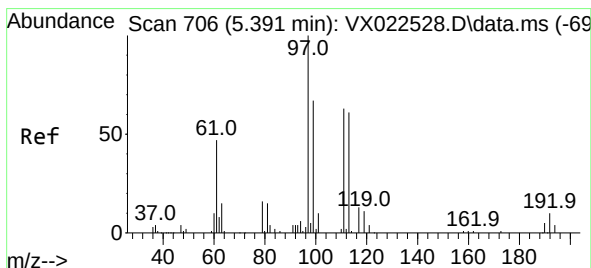
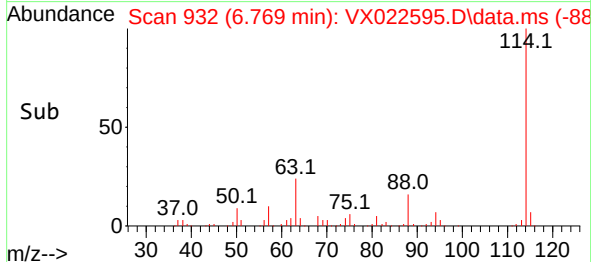
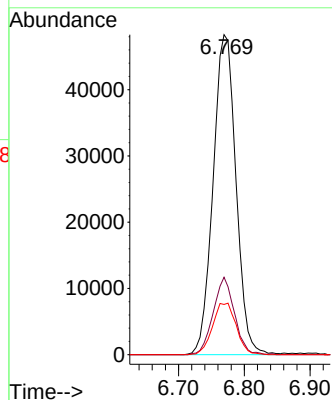
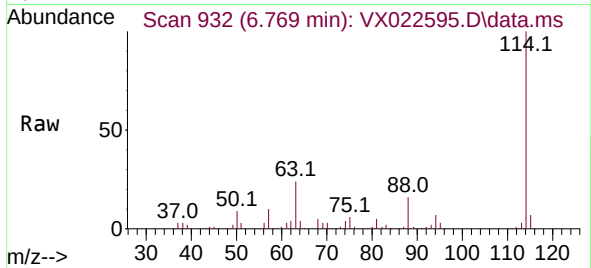




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

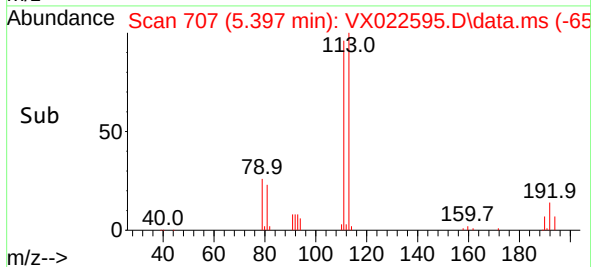
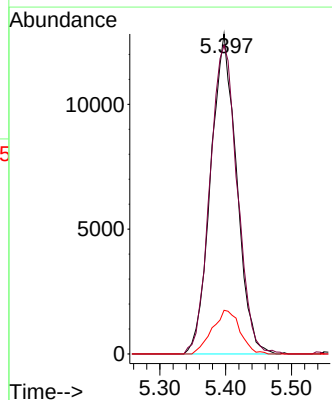
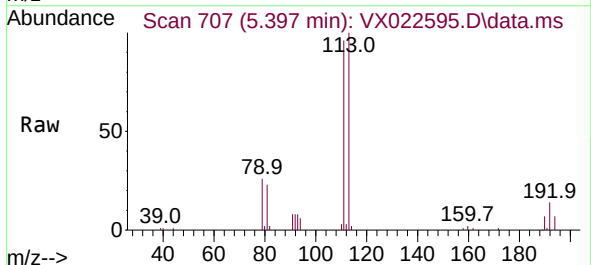
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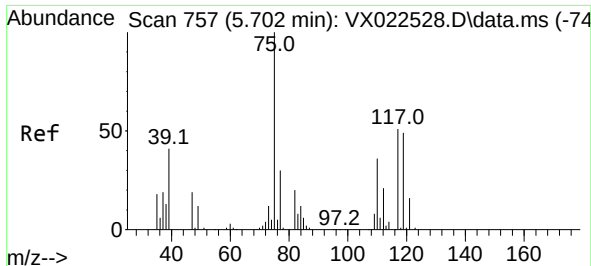
Tgt Ion:114 Resp: 117044
Ion Ratio Lower Upper
114 100
63 24.2 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.994 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

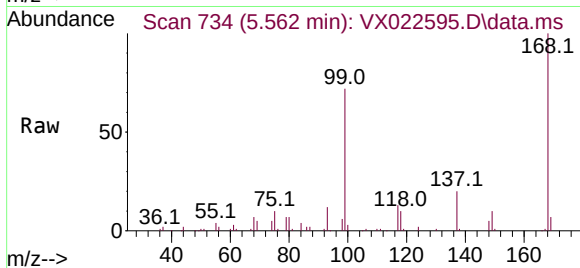
Tgt Ion:113 Resp: 35146
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 14.6 16.7 25.1#



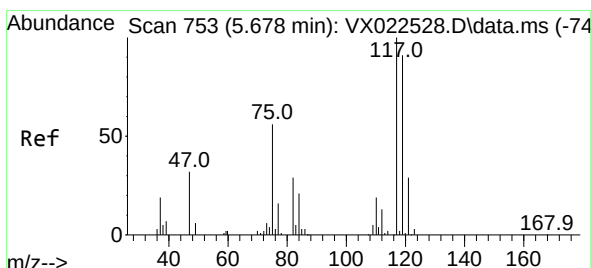
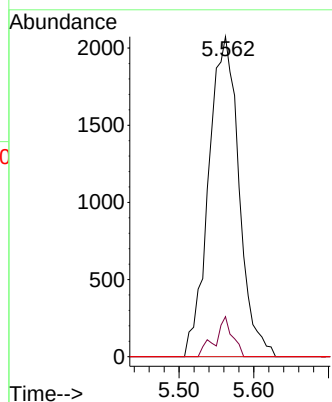
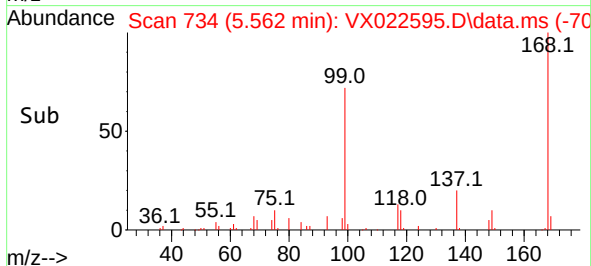


#36
1,1-Dichloropropene
Concen: 5.178 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

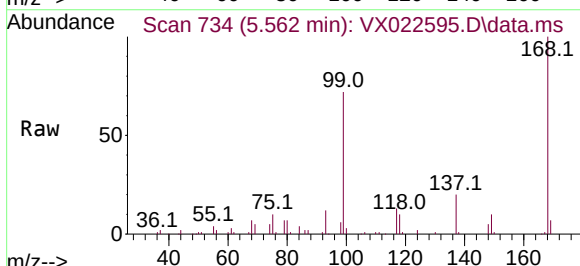
Instrument :
MSVOA_X
ClientSampled :



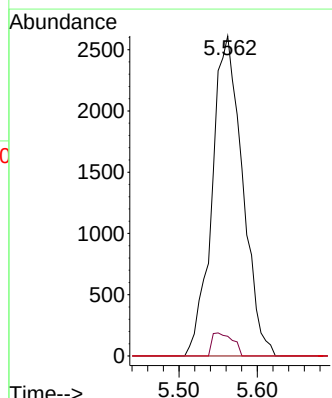
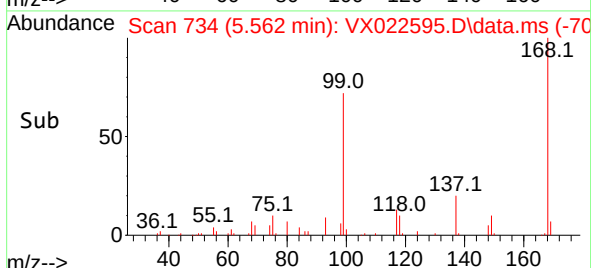
Tgt Ion: 75 Resp: 5863
Ion Ratio Lower Upper
75 100
110 7.1 18.1 54.4#
77 0.0 25.3 37.9#

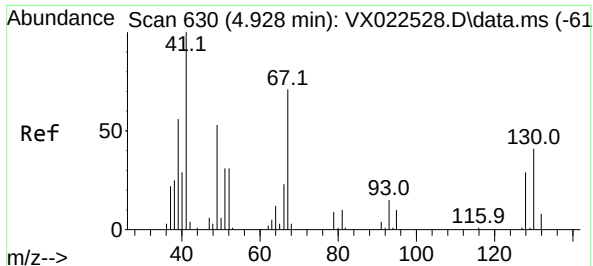


#38
Carbon Tetrachloride
Concen: 8.516 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16



Tgt Ion: 117 Resp: 7067
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#



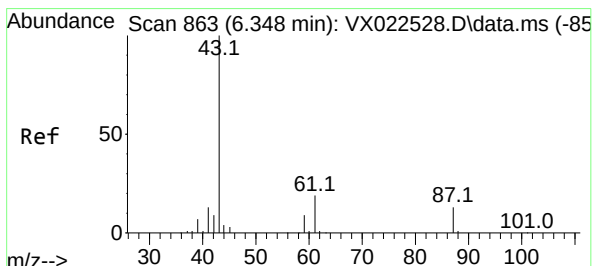
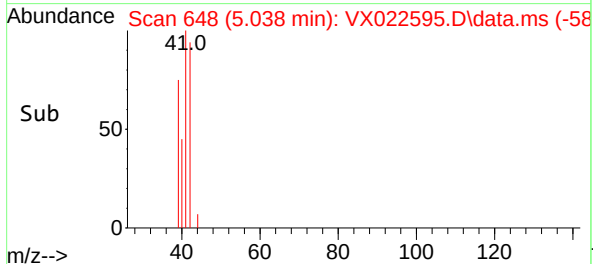
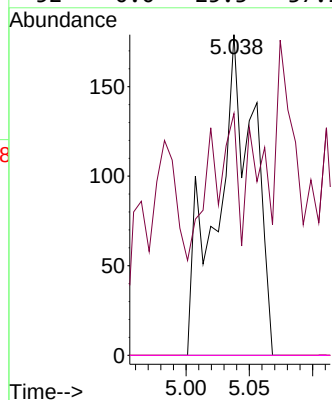
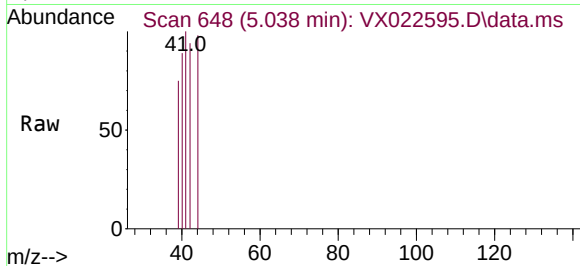


#41
Methacrylonitrile
Concen: 0.461 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 41 Resp: 368

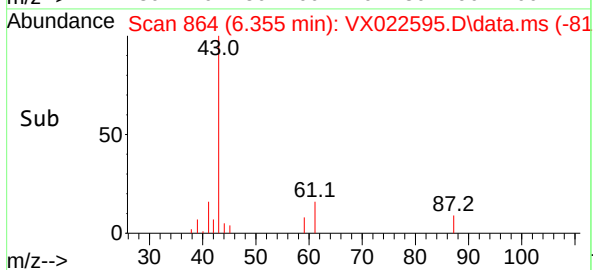
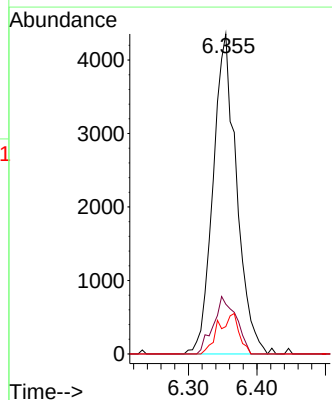
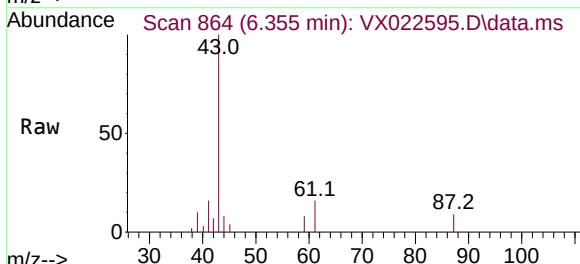
Ion	Ratio	Lower	Upper
41	100		
39	30.7	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

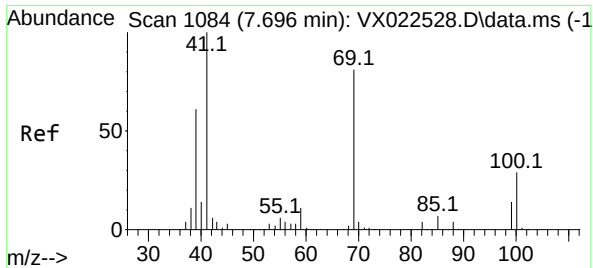


#43
Isopropyl Acetate
Concen: 4.401 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 43 Resp: 10369

Ion	Ratio	Lower	Upper
43	100		
61	17.4	18.2	27.4#
87	11.0	12.5	18.7#

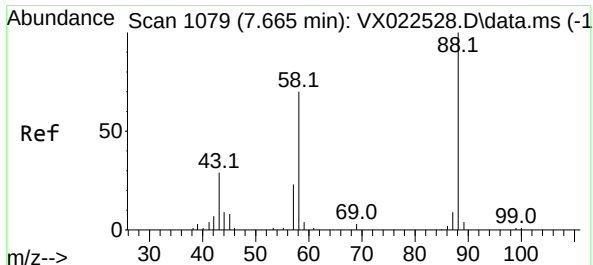
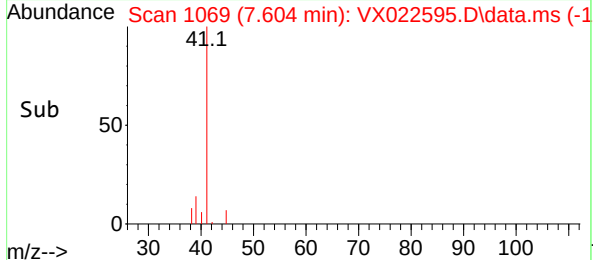
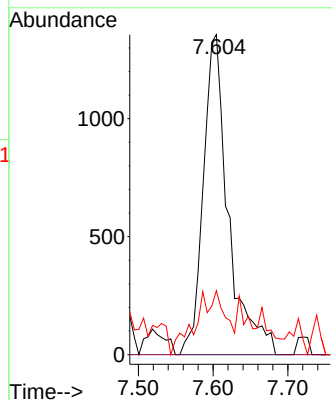
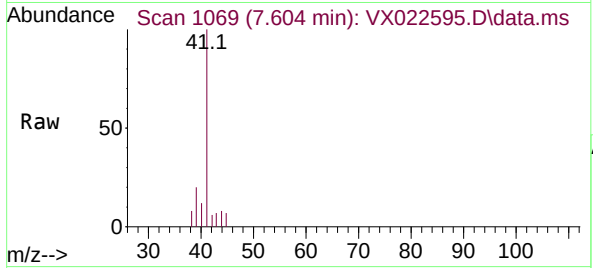




#48
Methyl methacrylate
Concen: 2.889 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

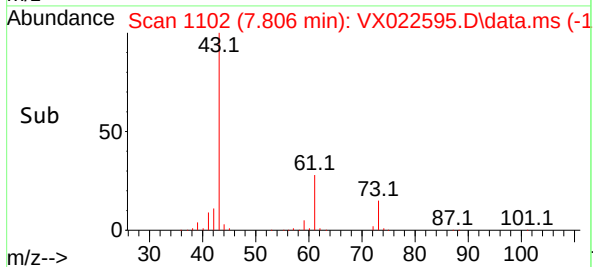
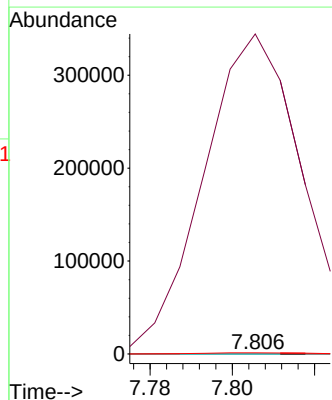
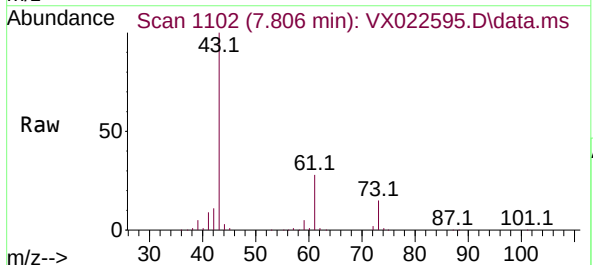
Instrument :
MSVOA_X
ClientSampled :

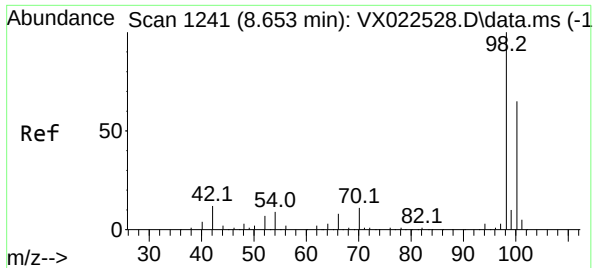
Tgt Ion: 41 Resp: 3167
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 1.985 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.141 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 1347595.5 23.2 34.8#
58 5470.5 55.0 82.4#

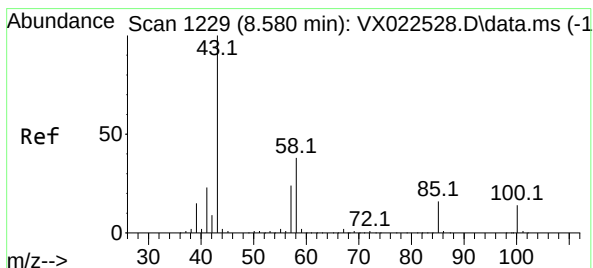
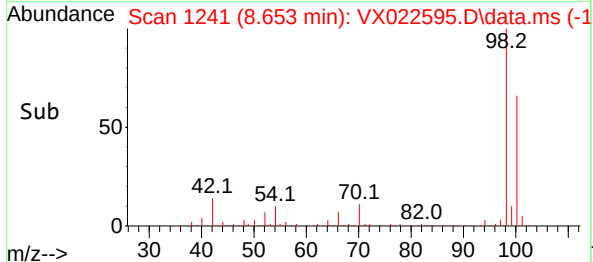
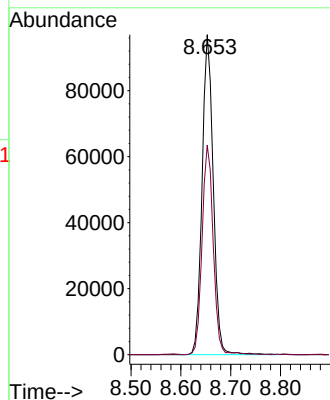
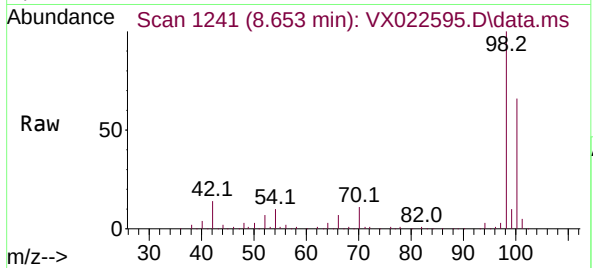




#50
Toluene-d8
Concen: 51.549 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

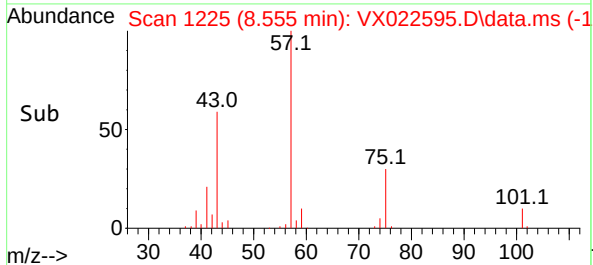
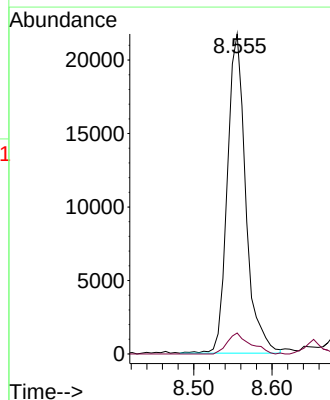
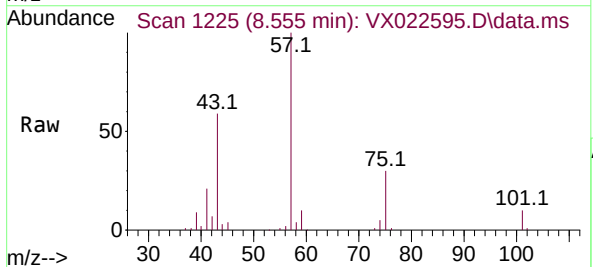
Instrument :
MSVOA_X
ClientSampled :

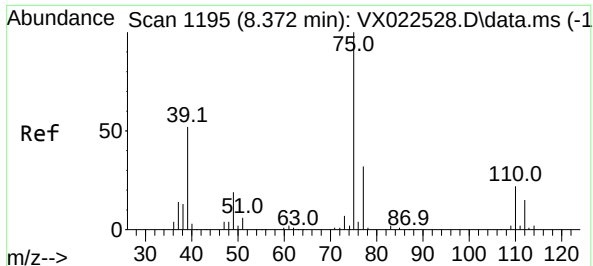
Tgt Ion: 98 Resp: 150623
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 24.132 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 43 Resp: 35417
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#

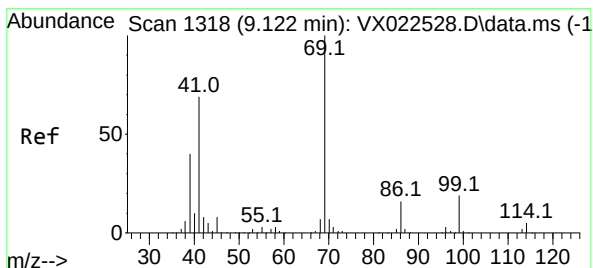
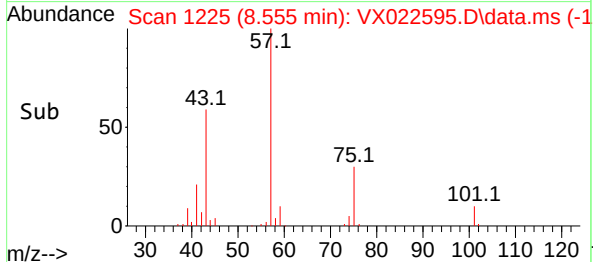
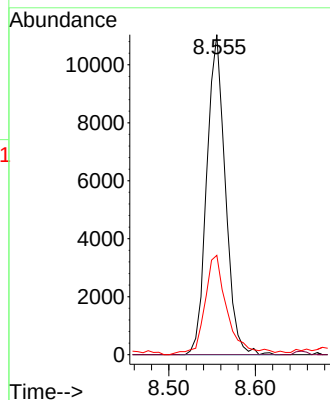
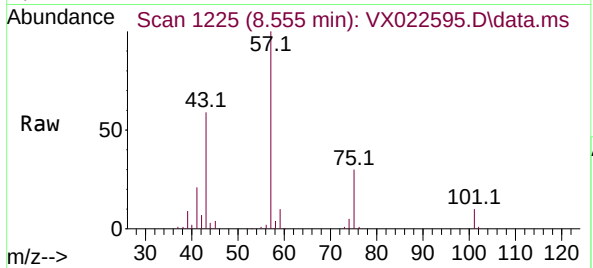




#54
cis-1,3-Dichloropropene
Concen: 12.665 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

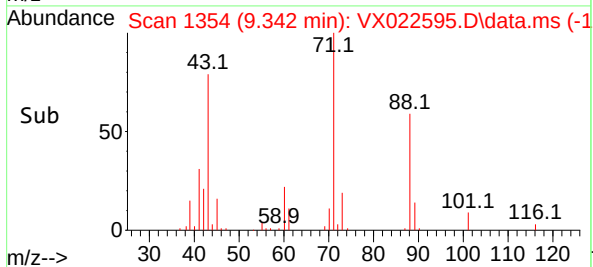
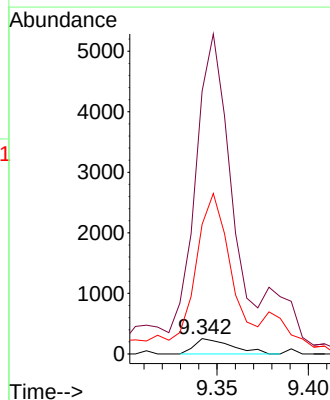
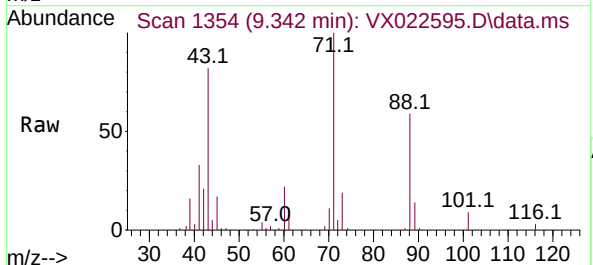
Instrument :
MSVOA_X
ClientSampleId :

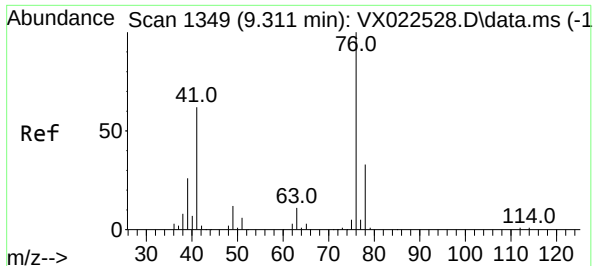
Tgt Ion: 75 Resp: 16414
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.1 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.912 ug/l
RT: 9.342 min Scan# 1354
Delta R.T. 0.220 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 69 Resp: 355
Ion Ratio Lower Upper
69 100
41 2099.4 46.8 70.2#
39 1049.6 24.7 37.1#



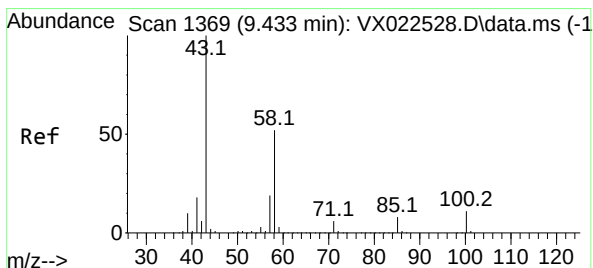
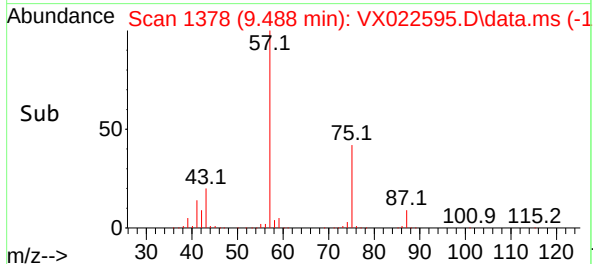
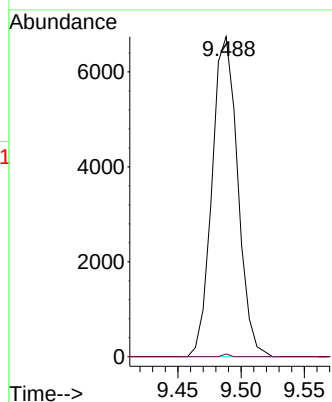
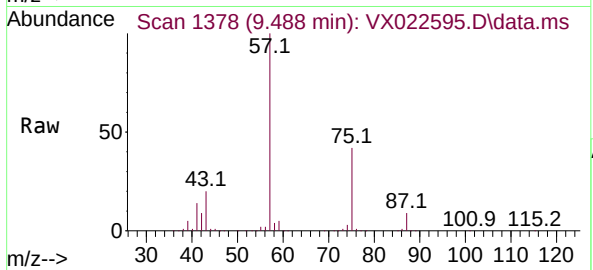


#57

1,3-Dichloropropane
Concen: 6.152 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Instrument :
MSVOA_X
ClientSampleId :

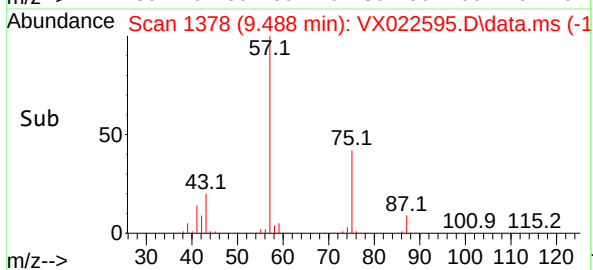
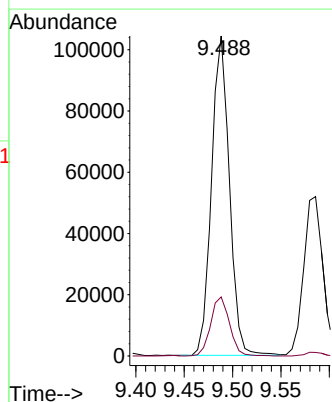
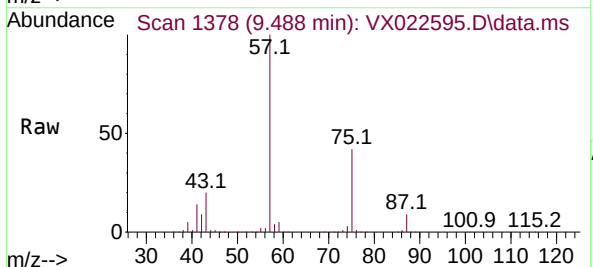
Tgt Ion: 76 Resp: 9510
Ion Ratio Lower Upper
76 100
78 0.2 26.2 39.2#

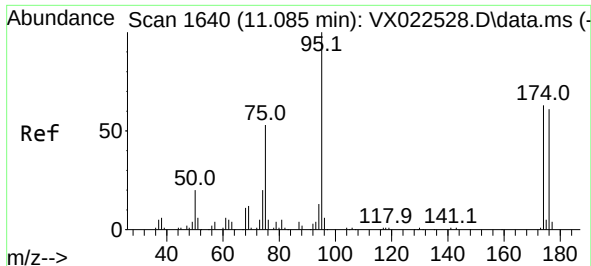


#59

2-Hexanone
Concen: 119.623 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 43 Resp: 134122
Ion Ratio Lower Upper
43 100
58 19.5 30.9 92.8#

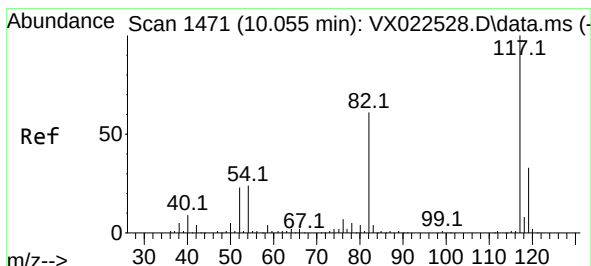
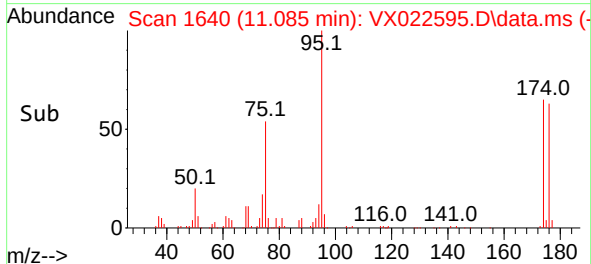
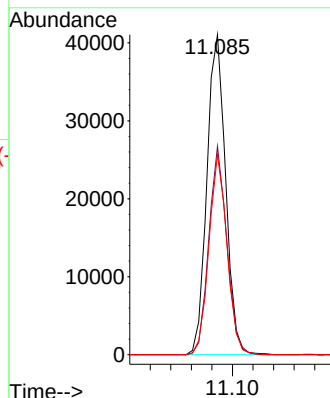
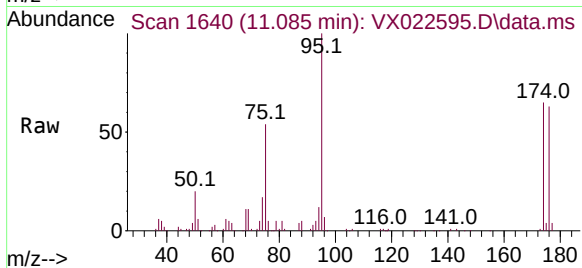




#62
4-Bromofluorobenzene
Concen: 47.753 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

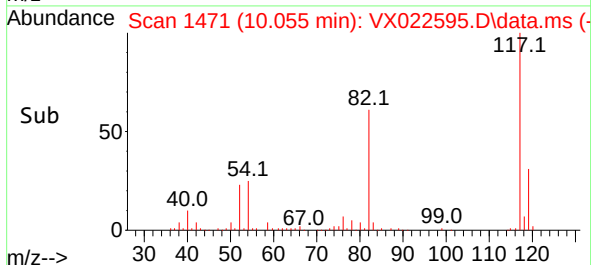
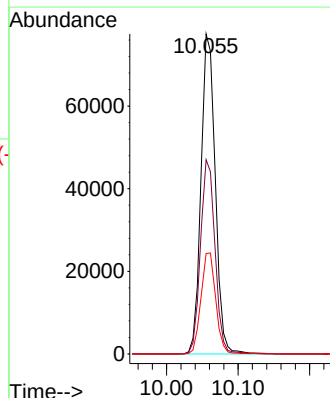
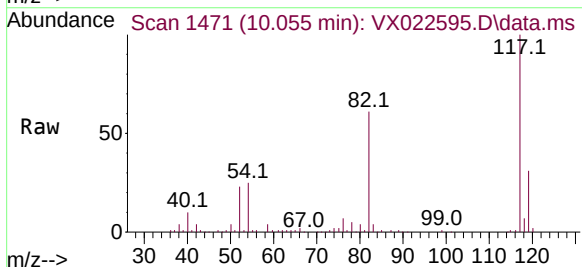
Instrument :
MSVOA_X
ClientSampleId :

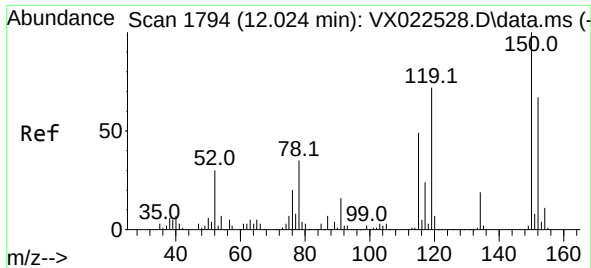
Tgt Ion: 95 Resp: 51863
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 60.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 117 Resp: 107354
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 31.4 26.6 39.8

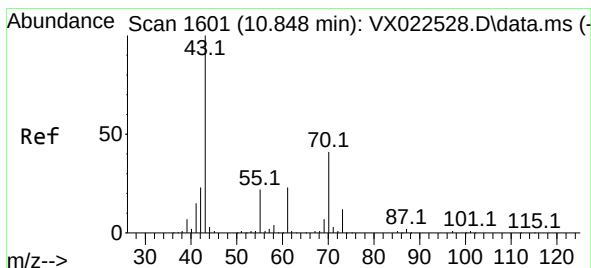
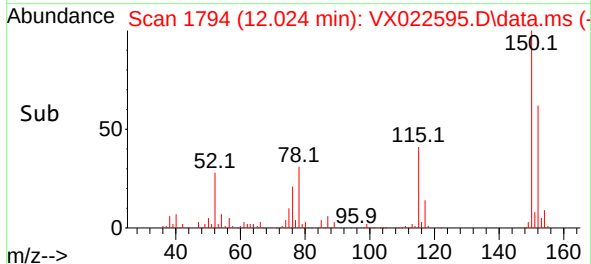
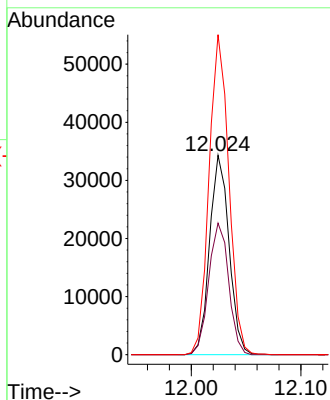
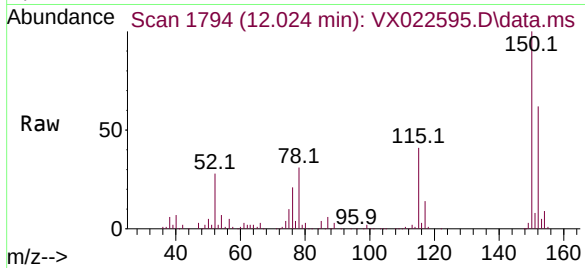




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022595.D
 Acq: 09 Jun 2021 04:16

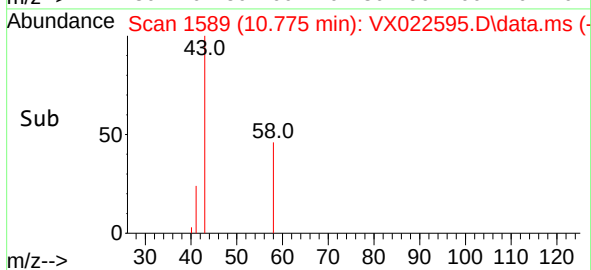
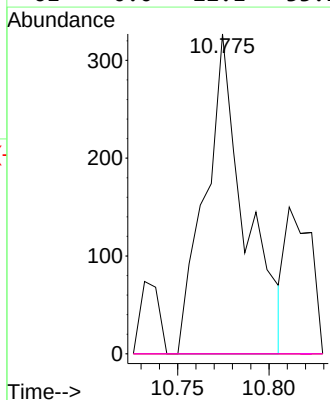
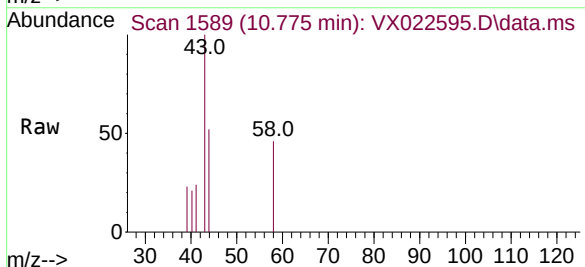
Instrument :
 MSVOA_X
 ClientSampled :

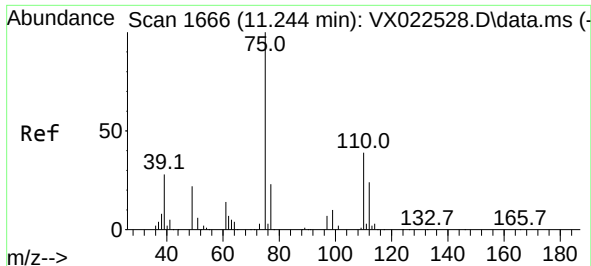
Tgt Ion:152 Resp: 42412
 Ion Ratio Lower Upper
 152 100
 115 67.5 41.1 123.3
 150 162.6 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.267 ug/l
 RT: 10.775 min Scan# 1589
 Delta R.T. -0.073 min
 Lab File: VX022595.D
 Acq: 09 Jun 2021 04:16

Tgt Ion: 43 Resp: 496
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.6#
 55 0.0 21.5 32.3#
 61 0.0 22.1 33.1#

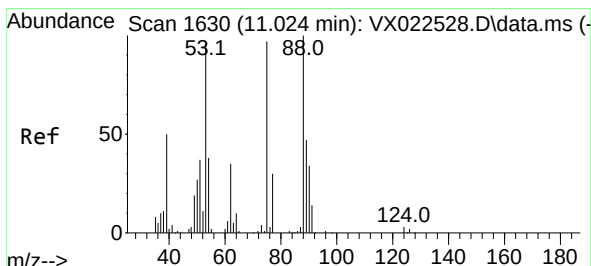
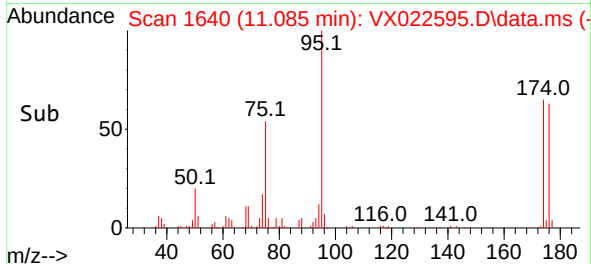
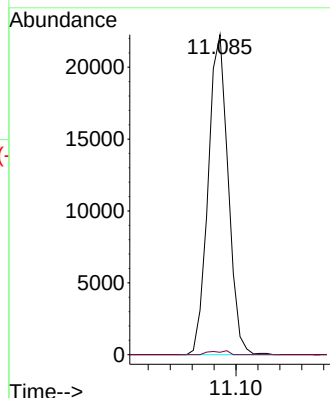
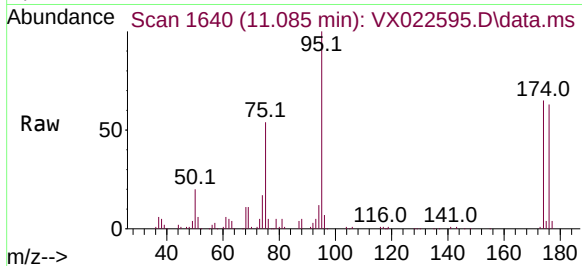




#76
1,2,3-Trichloropropane
Concen: 25.616 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 28145
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.247 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022595.D
Acq: 09 Jun 2021 04:16

Tgt Ion: 75 Resp: 28145
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

