

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023064.D
 Acq On : 01 Jul 2021 04:16
 Operator : JC/MD
 Sample : M2829-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 07:04:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

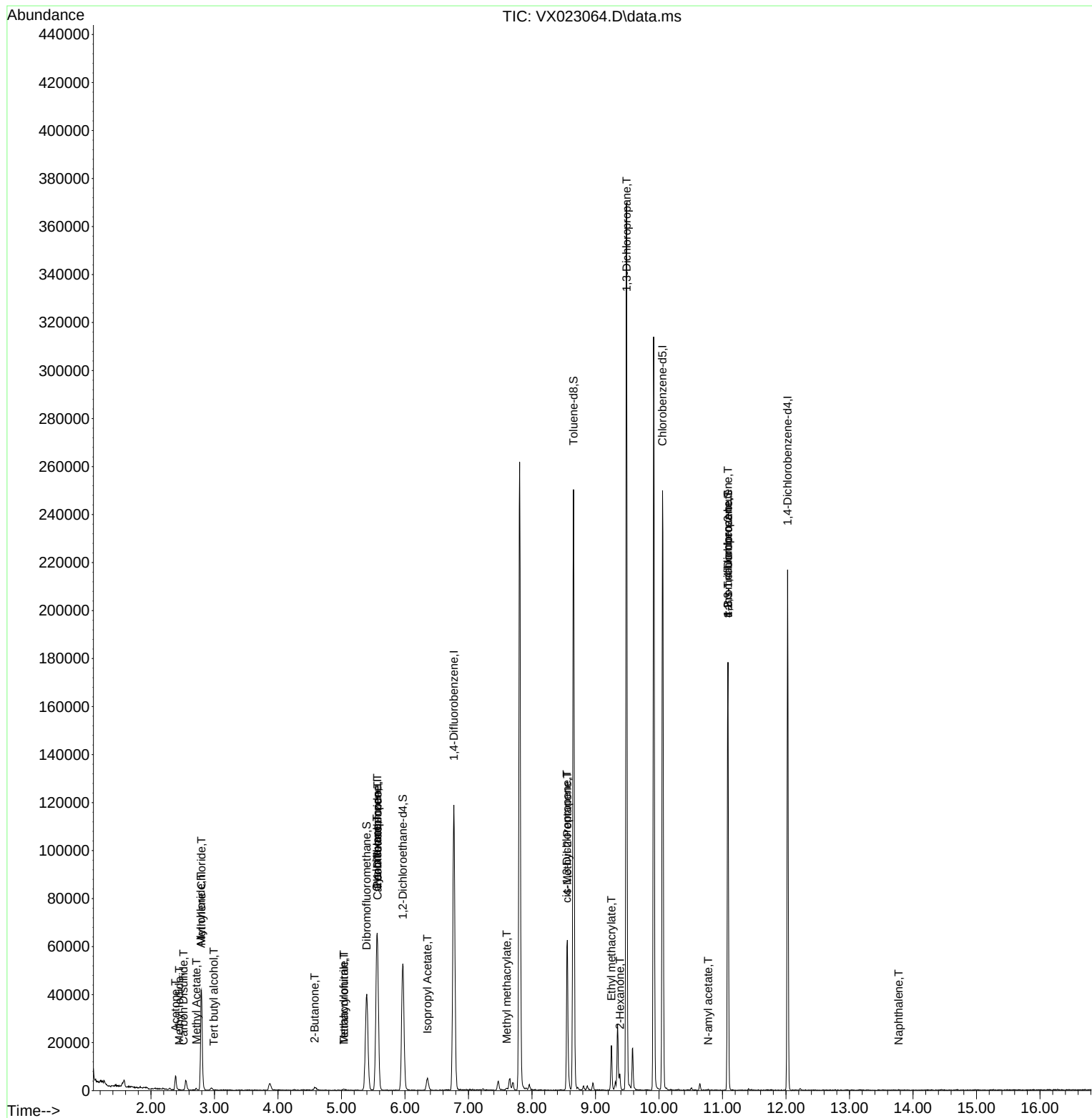
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	53551	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	108580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50762	52.233	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.460%	
35) Dibromofluoromethane	5.398	113	34450	49.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.920%	
50) Toluene-d8	8.653	98	137898	51.030	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.060%	
62) 4-Bromofluorobenzene	11.086	95	47218	46.819	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.640%	
Target Compounds						Qvalue
10) Methyl Iodide	2.447	142	21	3.902	ug/l	# 42
11) Tert butyl alcohol	2.989	59	60	0.296	ug/l	# 73
14) Allyl chloride	2.788	41	674	0.511	ug/l	# 32
16) Acetone	2.386	43	6112	14.186	ug/l	# 88
17) Carbon Disulfide	2.514	76	57	3.544	ug/l	# 75
18) Methyl Acetate	2.715	43	769	0.725	ug/l	# 67
20) Methylene Chloride	2.794	84	18465	21.820	ug/l	# 85
25) 2-Butanone	4.574	43	1274	1.902	ug/l	# 88
29) Tetrahydrofuran	5.038	42	297	0.689	ug/l	# 41
31) Cyclohexane	5.556	56	1706	1.243	ug/l	# 47
36) 1,1-Dichloropropene	5.562	75	5667	4.914	ug/l	# 46
38) Carbon Tetrachloride	5.568	117	6682	6.908	ug/l	# 12
41) Methacrylonitrile	5.038	41	164	0.223	ug/l	# 24
43) Isopropyl Acetate	6.355	43	6268	2.918	ug/l	# 94
48) Methyl methacrylate	7.604	41	1710	1.720	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	23445	17.539	ug/l	# 46
54) cis-1,3-Dichloropropene	8.549	75	9326	8.650	ug/l	# 72
56) Ethyl methacrylate	9.250	69	82	2.631	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	2992	2.041	ug/l	# 42
59) 2-Hexanone	9.385	43	4055	3.999	ug/l	# 19
74) N-amyl acetate	10.775	43	237	2.187	ug/l	# 38
76) 1,2,3-Trichloropropane	11.086	75	26836	28.149	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.086	75	26836	72.642	ug/l	# 12
95) Naphthalene	13.774	128	161	1.975	ug/l	# 69

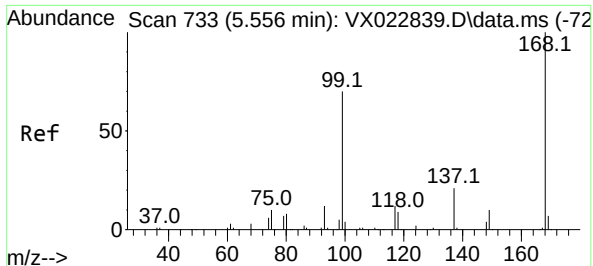
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
Data File : VX023064.D
Acq On : 01 Jul 2021 04:16
Operator : JC/MD
Sample : M2829-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

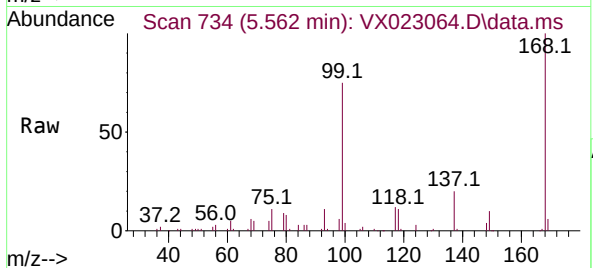
Quant Time: Jul 01 07:04:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



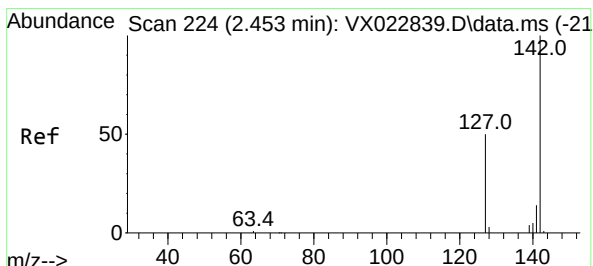
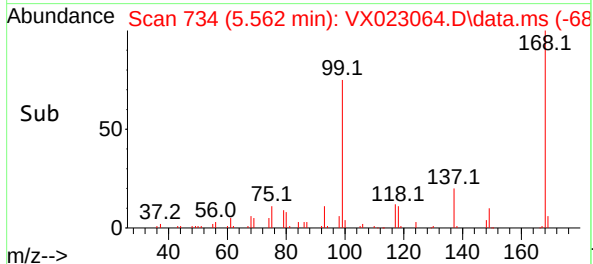
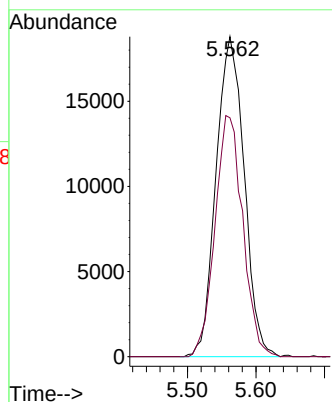


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Instrument :
MSVOA_X
ClientSampled :

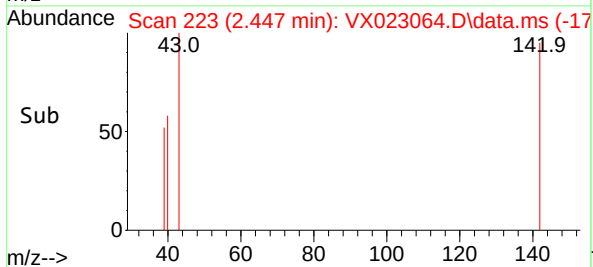
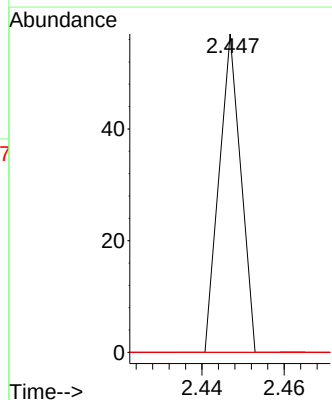
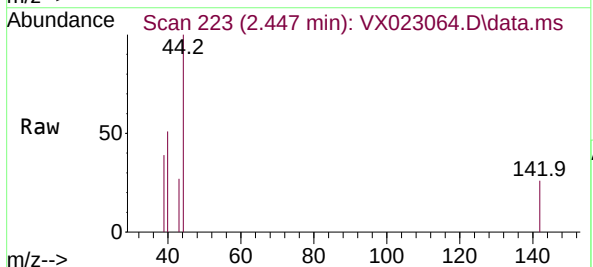


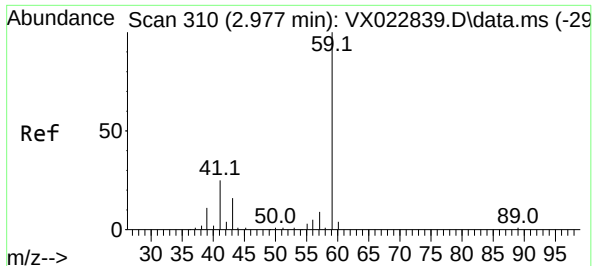
Tgt Ion:168 Resp: 53551
Ion Ratio Lower Upper
168 100
99 74.7 45.8 68.6#



#10
Methyl Iodide
Concen: 3.902 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion:142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



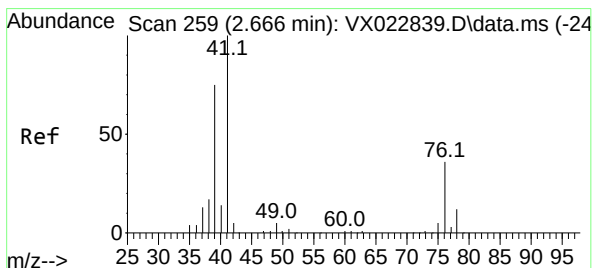
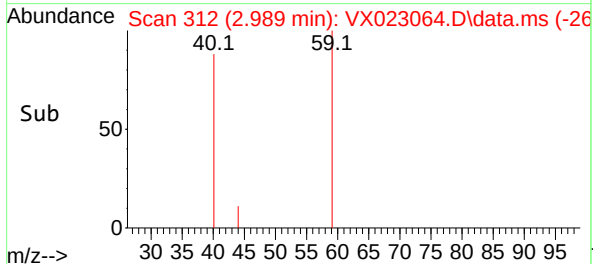
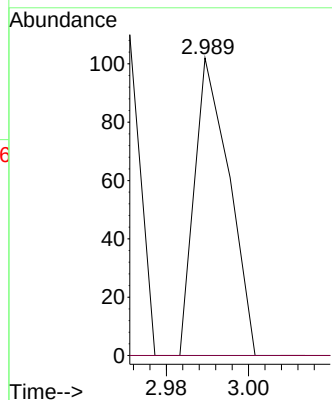
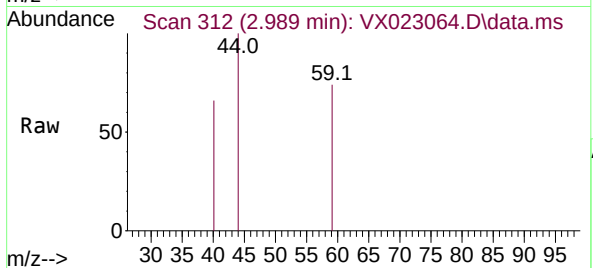


#11

Tert butyl alcohol
Concen: 0.296 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Instrument :
MSVOA_X
ClientSampled :

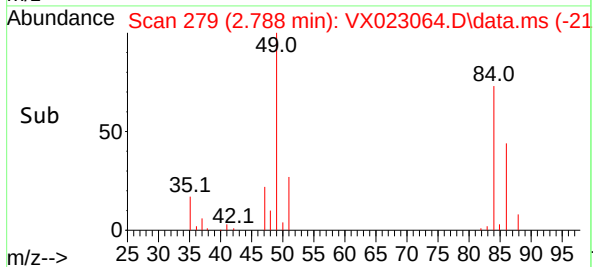
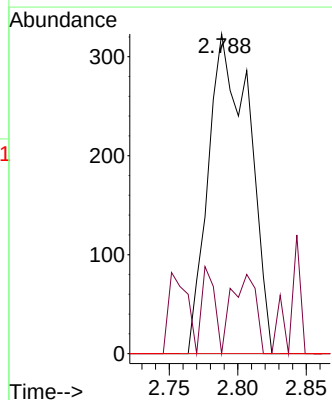
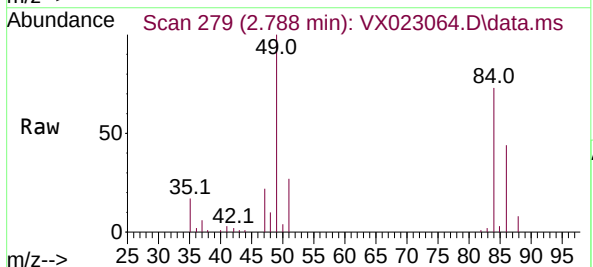
Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

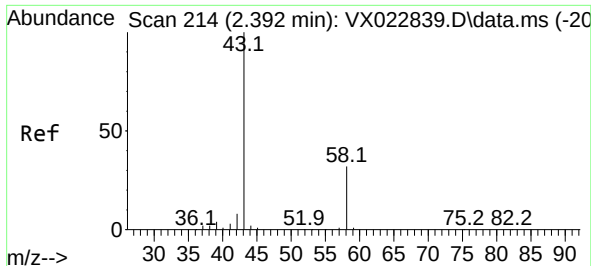


#14

Allyl chloride
Concen: 0.511 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.122 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion: 41 Resp: 674
Ion Ratio Lower Upper
41 100
39 8.5 51.6 77.4#
76 0.0 30.5 45.7#

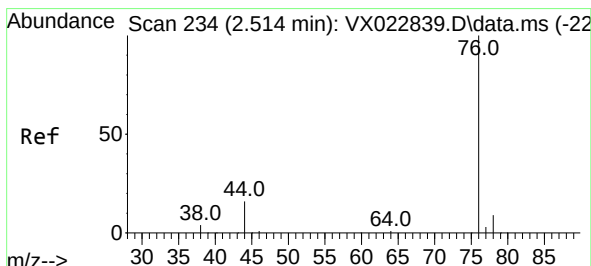
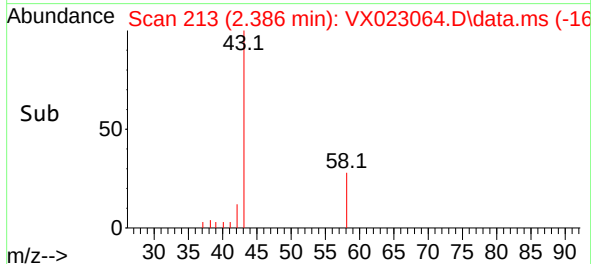
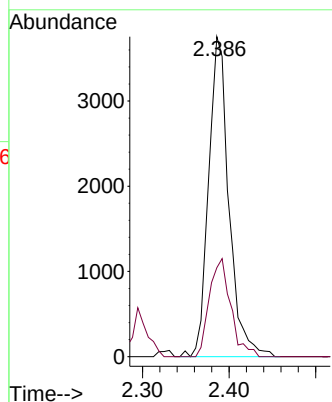
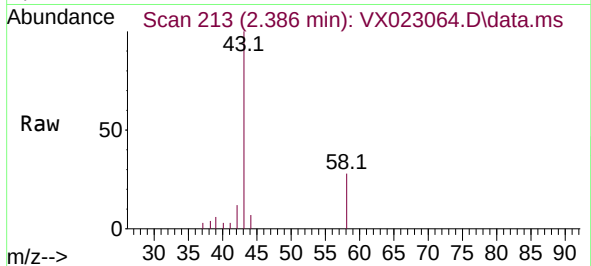




#16
Acetone
Concen: 14.186 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

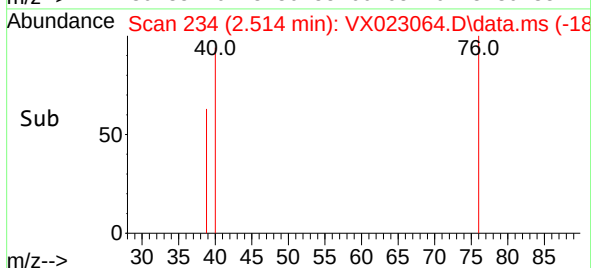
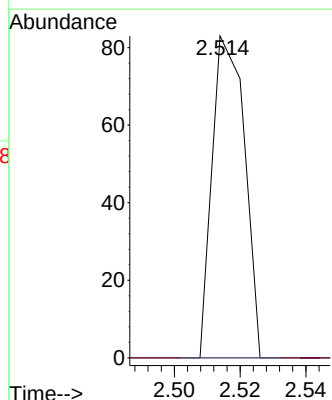
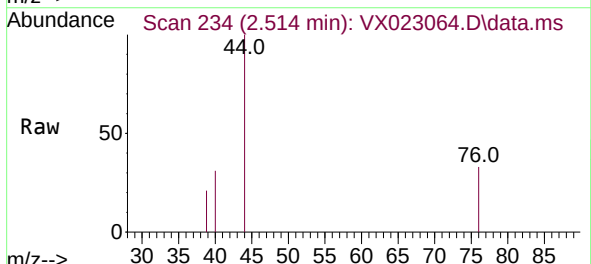
Instrument :
MSVOA_X
ClientSampled :

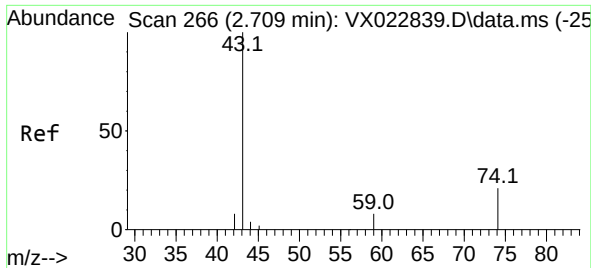
Tgt Ion: 43 Resp: 6112
Ion Ratio Lower Upper
43 100
58 27.8 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.544 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion: 76 Resp: 57
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

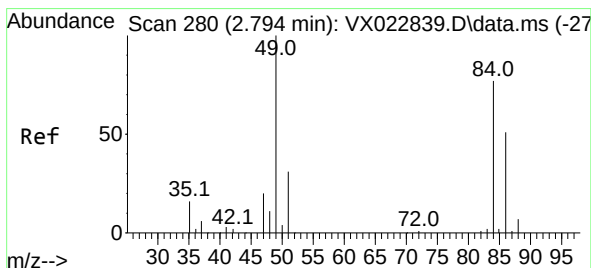
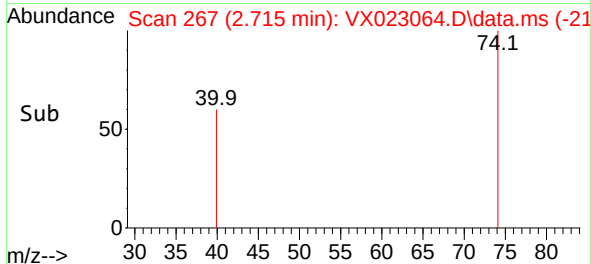
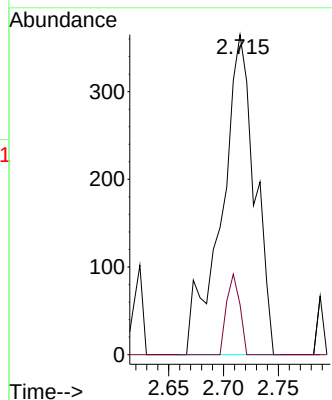
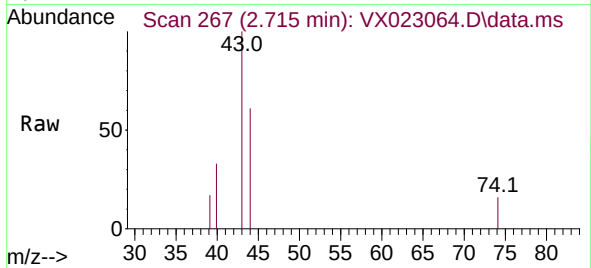




#18
Methyl Acetate
Concen: 0.725 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

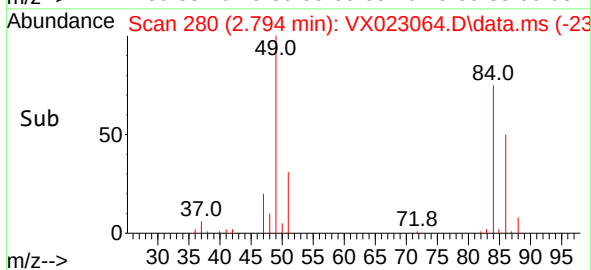
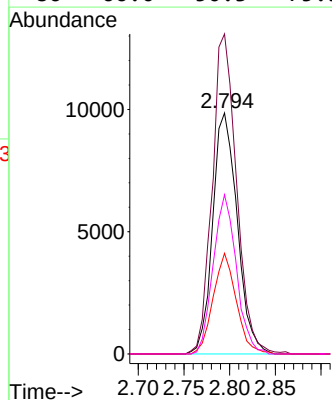
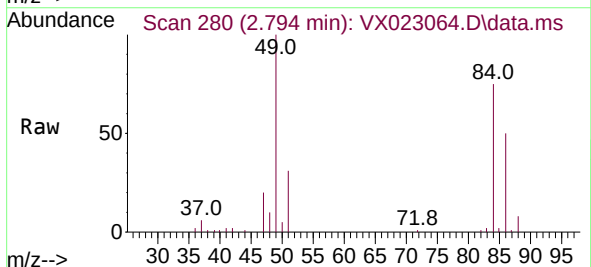
Instrument :
MSVOA_X
ClientSampled :

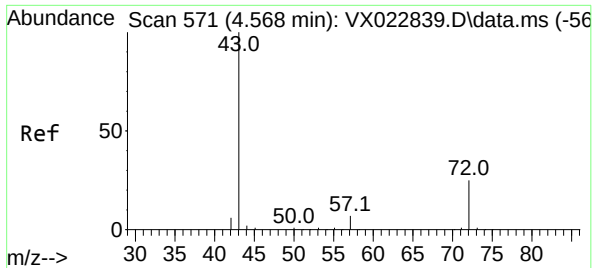
Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
74 10.0 21.9 32.9#



#20
Methylene Chloride
Concen: 21.820 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion: 84 Resp: 18465
Ion Ratio Lower Upper
84 100
49 132.8 88.6 132.8
51 41.7 27.0 40.6#
86 66.0 50.3 75.5

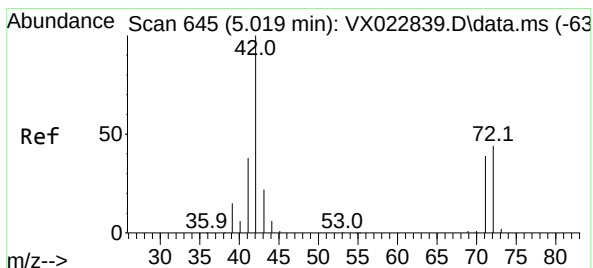
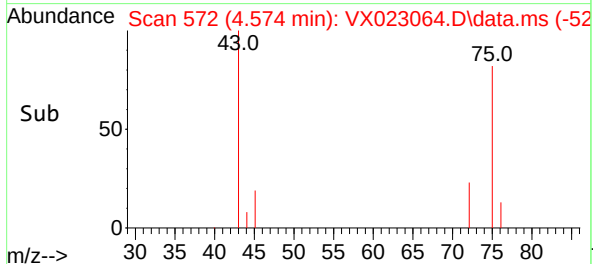
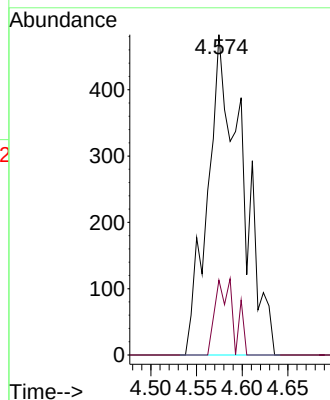
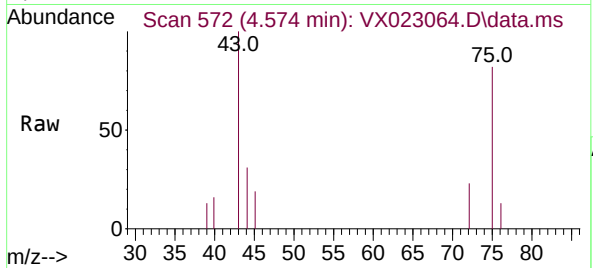




#25
2-Butanone
Concen: 1.902 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

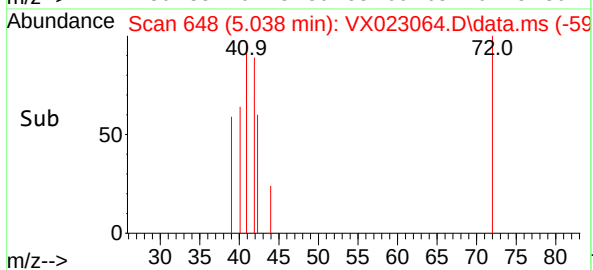
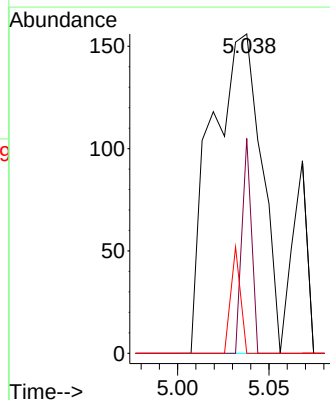
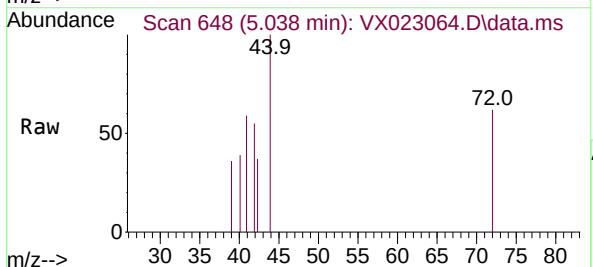
Instrument :
MSVOA_X
ClientSampled :

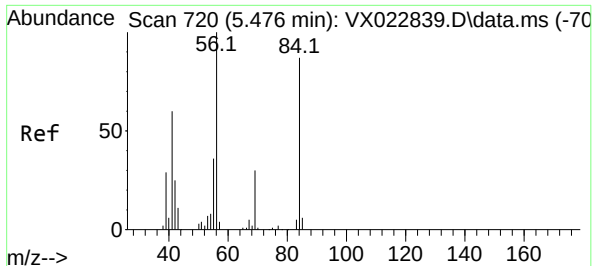
Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
72 23.4 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.689 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion: 42 Resp: 297
Ion Ratio Lower Upper
42 100
72 12.8 41.7 62.5#
71 6.4 38.4 57.6#

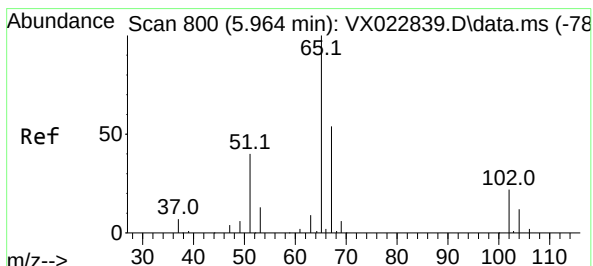
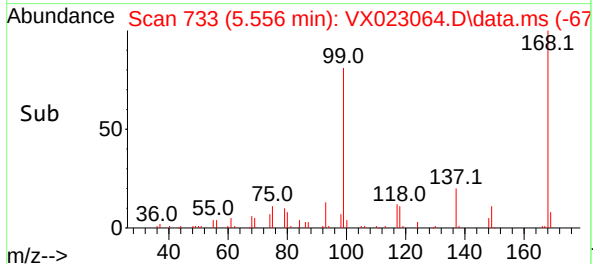
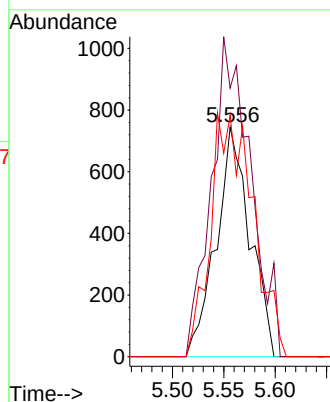
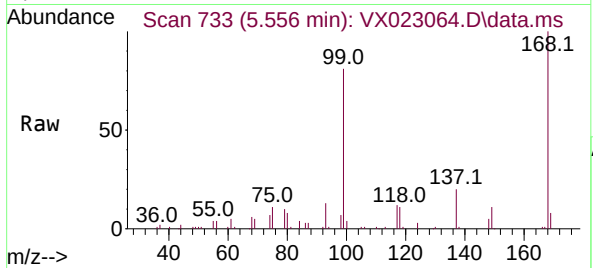




#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

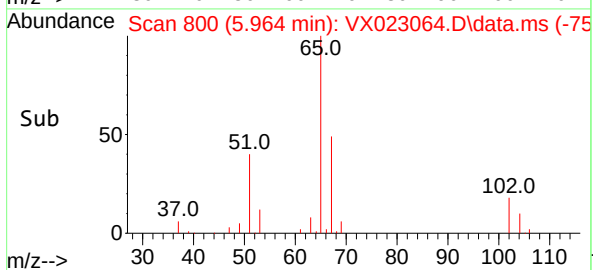
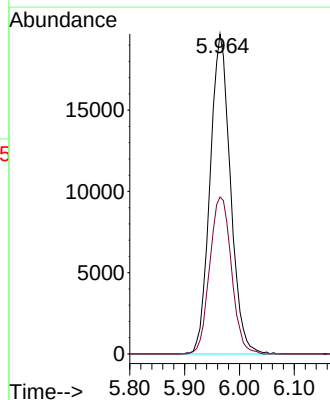
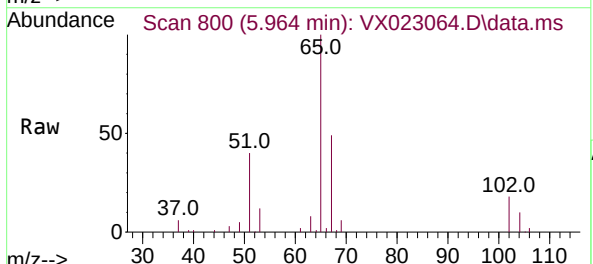
Instrument :
MSVOA_X
ClientSampled :

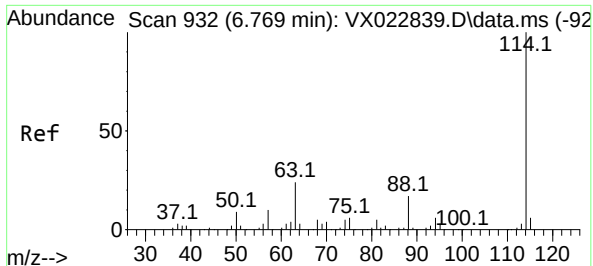
Tgt Ion: 56 Resp: 1706
Ion Ratio Lower Upper
56 100
69 116.9 25.3 37.9#
84 105.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.233 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion: 65 Resp: 50762
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

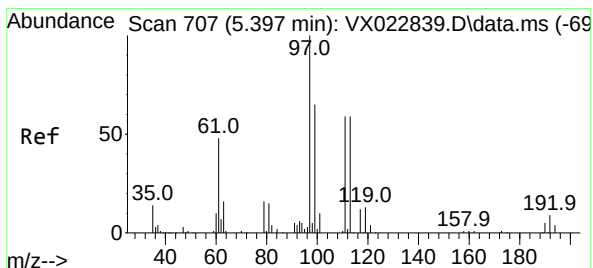
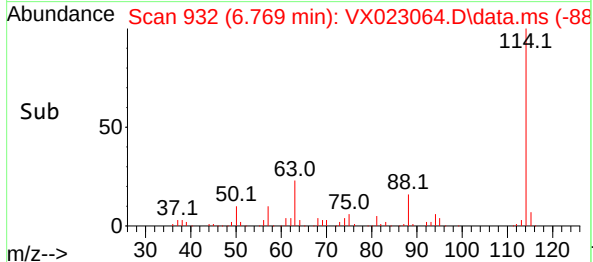
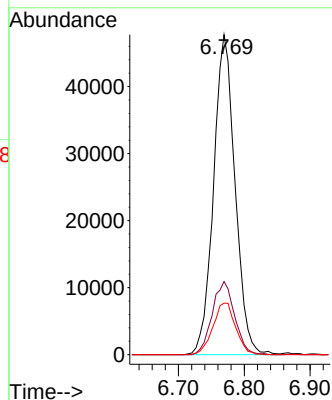
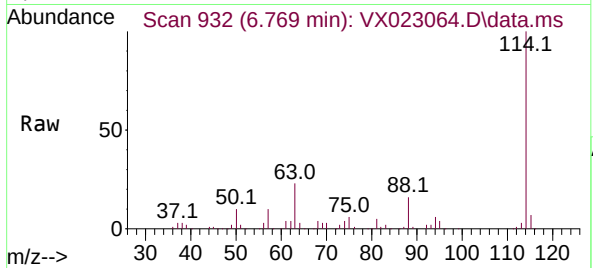




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

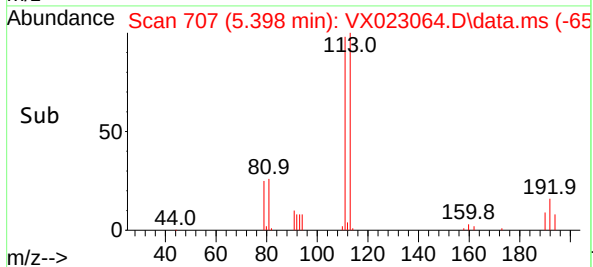
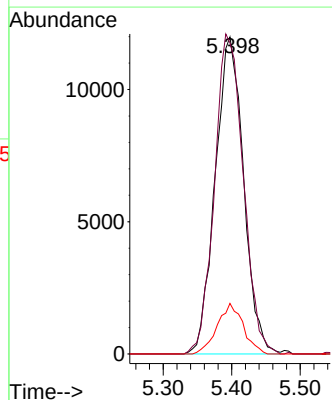
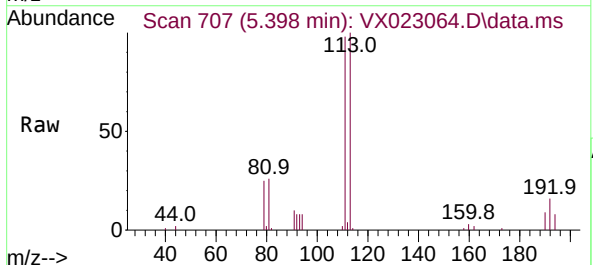
Instrument :
MSVOA_X
ClientSampled :

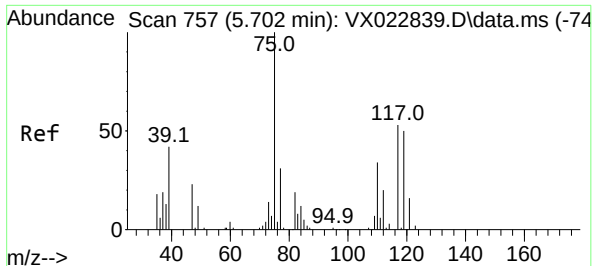
Tgt Ion:114 Resp: 108580
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.963 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion:113 Resp: 34450
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 14.6 16.7 25.1#

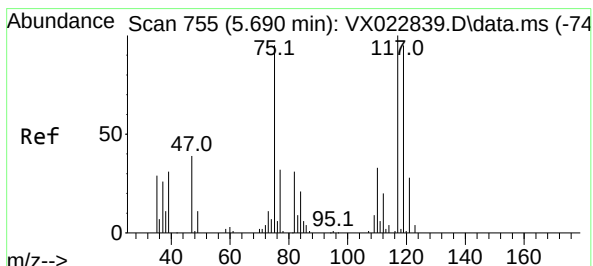
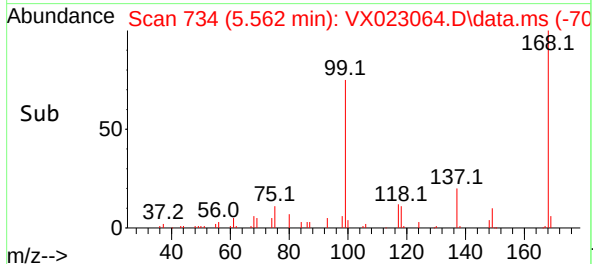
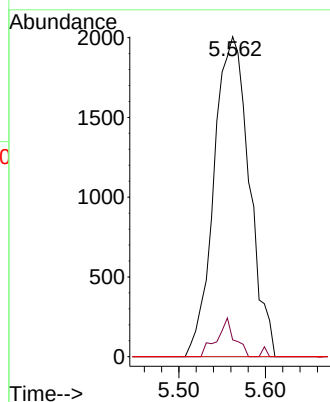
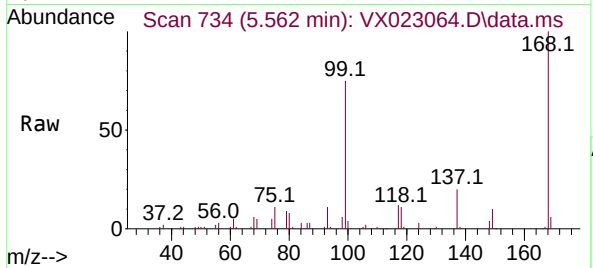




#36
1,1-Dichloropropene
Concen: 4.914 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

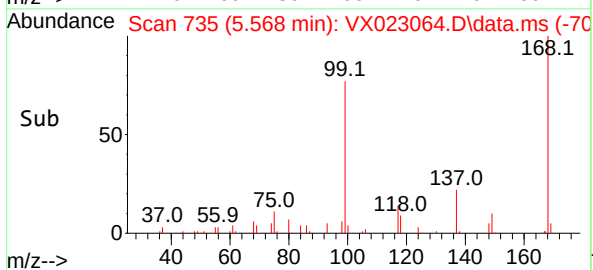
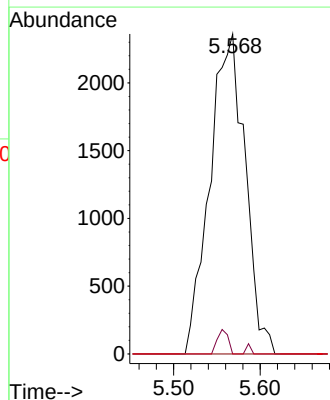
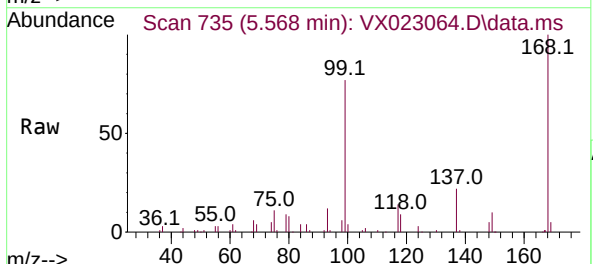
Instrument :
MSVOA_X
ClientSampled :

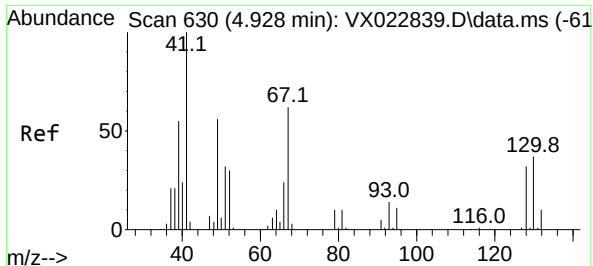
Tgt Ion: 75 Resp: 5667
Ion Ratio Lower Upper
75 100
110 6.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.908 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion: 117 Resp: 6682
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#

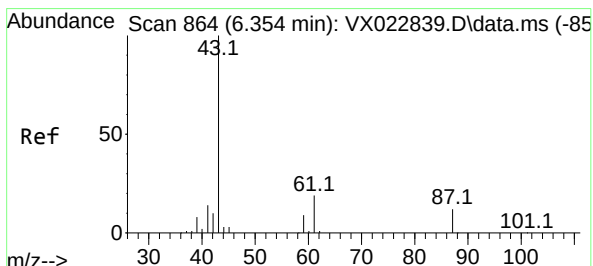
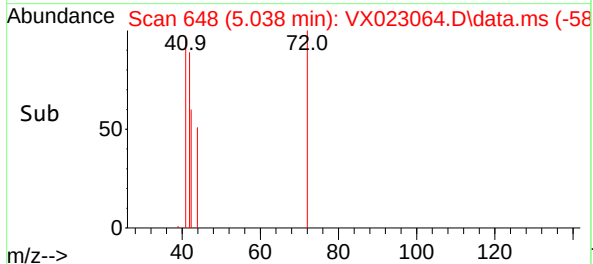
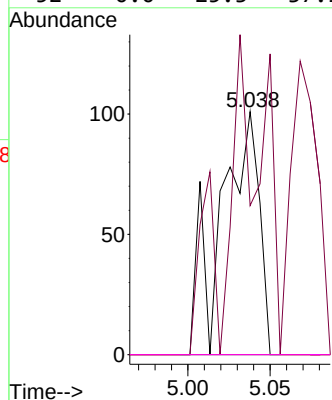
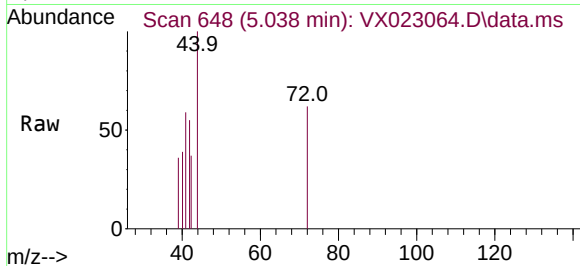




#41
Methacrylonitrile
Concen: 0.223 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

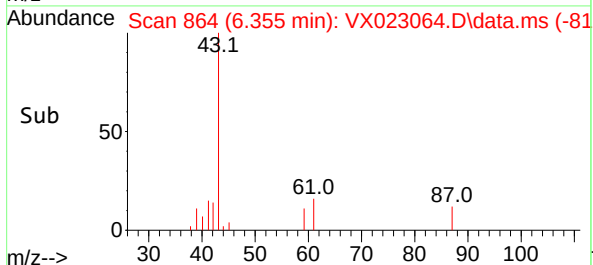
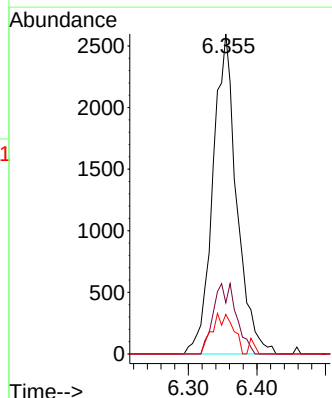
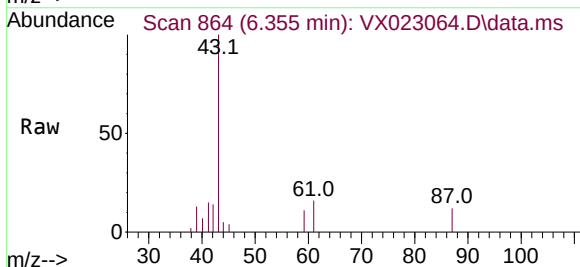
Instrument :
MSVOA_X
ClientSampled :

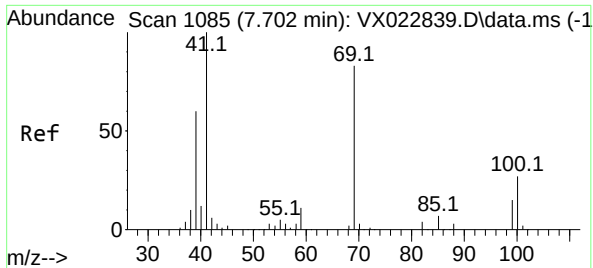
Tgt Ion:	41	Resp:	164
Ion	Ratio	Lower	Upper
41	100		
39	98.8	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 2.918 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion:	43	Resp:	6268
Ion	Ratio	Lower	Upper
43	100		
61	21.1	18.2	27.4
87	11.3	12.5	18.7#

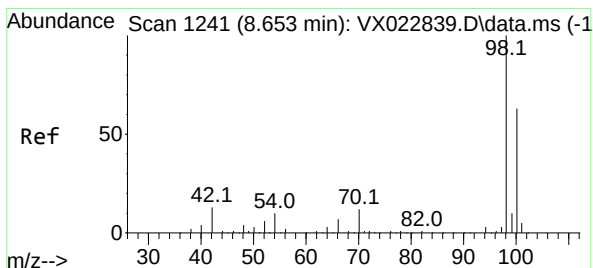
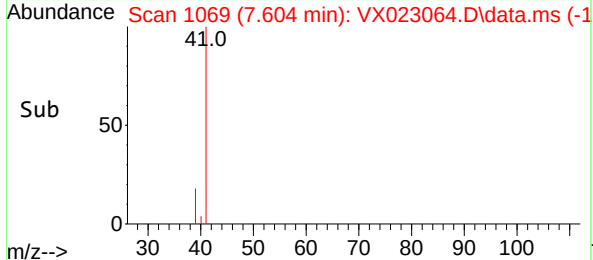
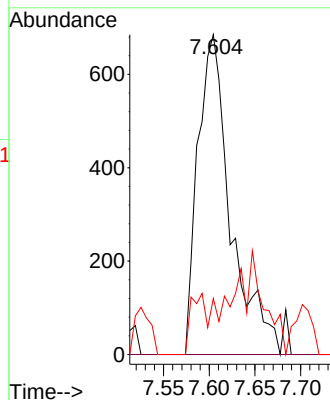
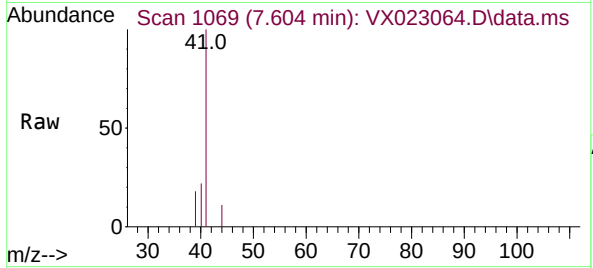




#48
Methyl methacrylate
Concen: 1.720 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

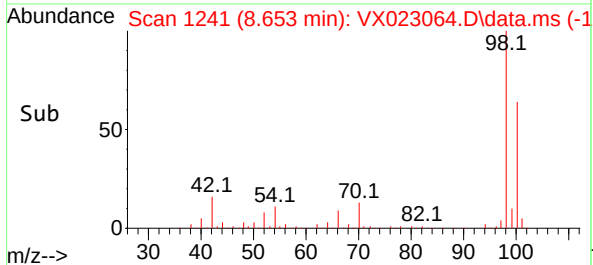
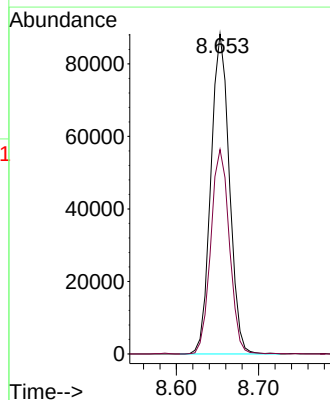
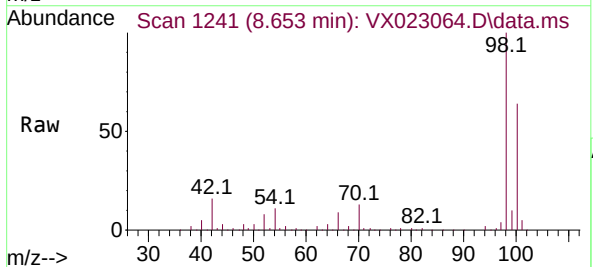
Instrument :
MSVOA_X
ClientSampled :

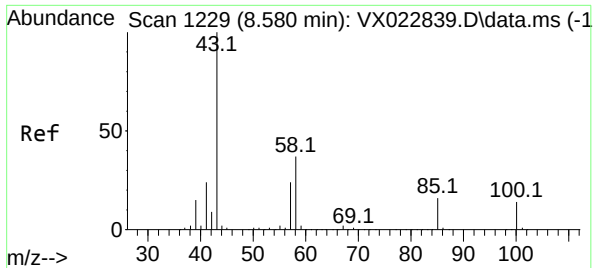
Tgt Ion: 41 Resp: 1710
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 51.030 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion: 98 Resp: 137898
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

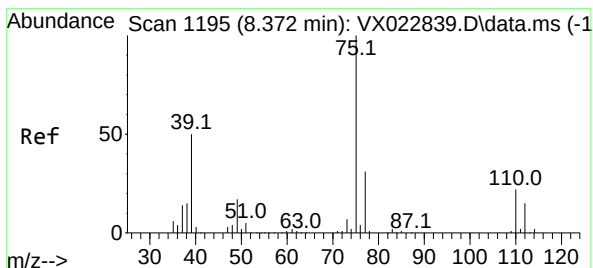
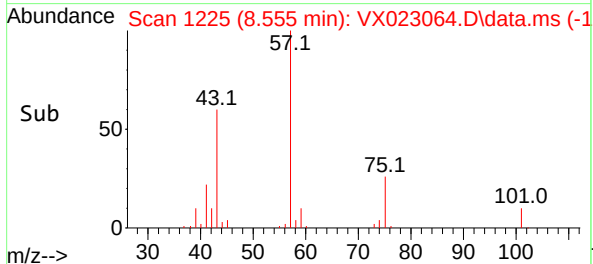
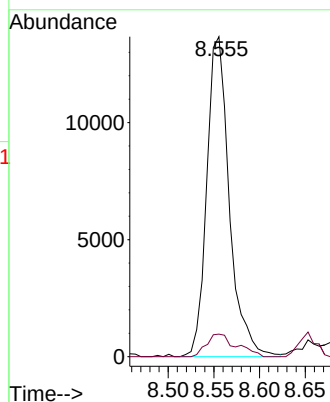
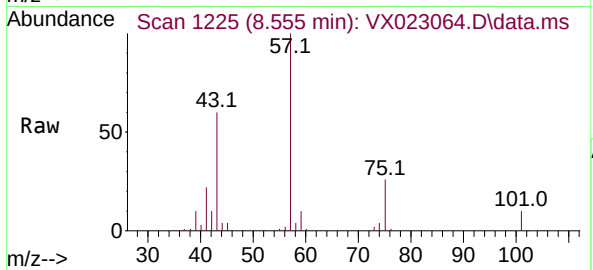




#51
4-Methyl-2-Pentanone
Concen: 17.539 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

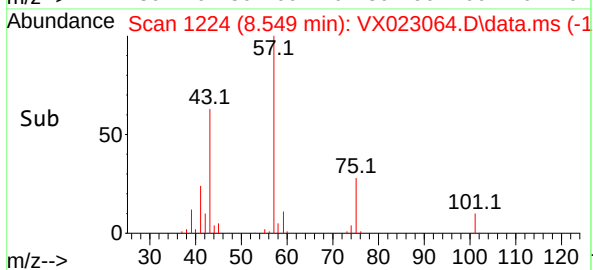
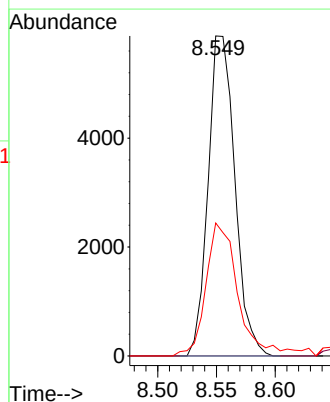
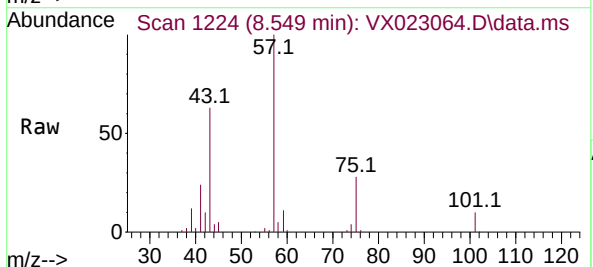
Instrument :
MSVOA_X
ClientSampleId :

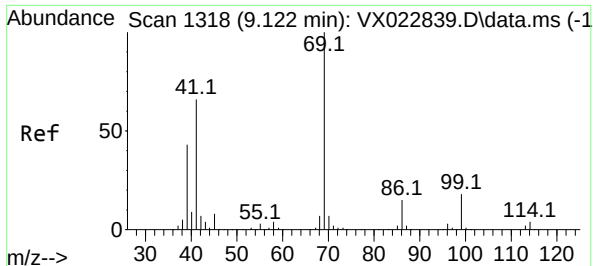
Tgt Ion: 43 Resp: 23445
Ion Ratio Lower Upper
43 100
58 9.3 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.650 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion: 75 Resp: 9326
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 40.2 35.1 52.7





#56

Ethyl methacrylate

Concen: 2.631 ug/l

RT: 9.250 min Scan# 1339

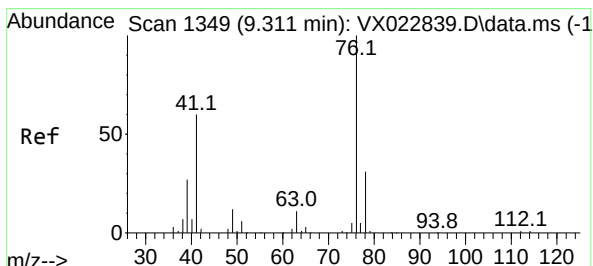
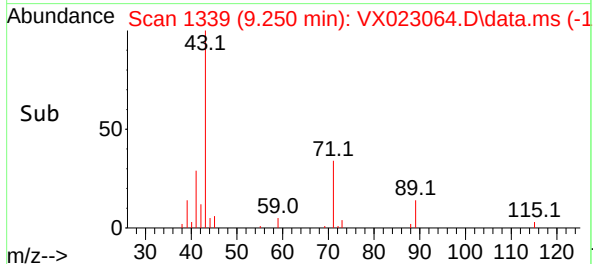
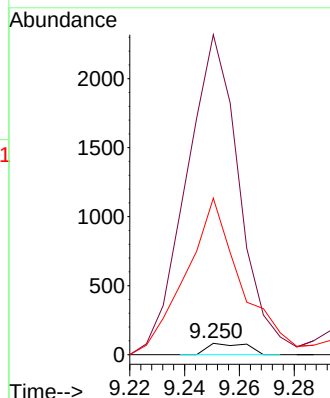
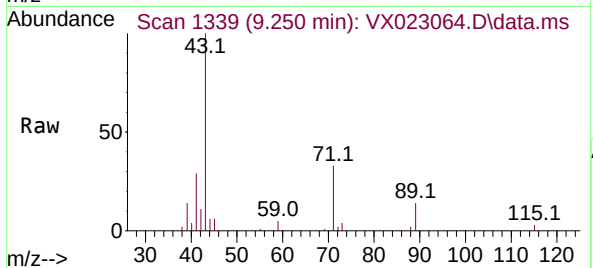
Delta R.T. 0.128 min

Lab File: VX023064.D

Acq: 01 Jul 2021 04:16

Tgt Ion:	69	Resp:	82
Ion	Ratio	Lower	Upper
69	100		
41	3818.3	46.8	70.2#
39	1958.5	24.7	37.1#

Instrument :
MSVOA_X
ClientSampled :



#57

1,3-Dichloropropane

Concen: 2.041 ug/l

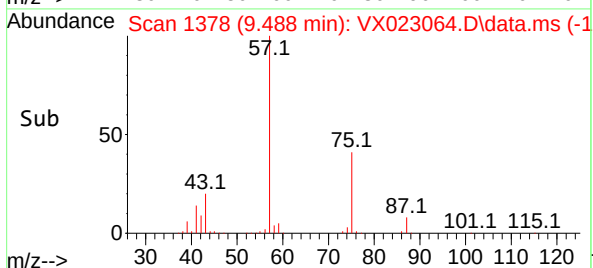
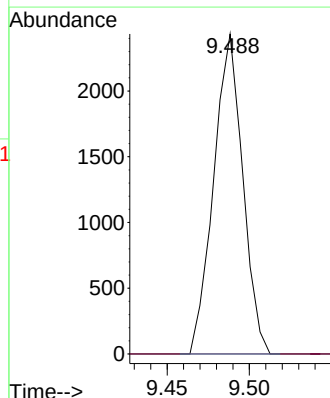
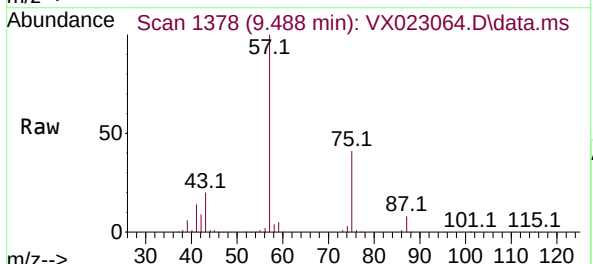
RT: 9.488 min Scan# 1378

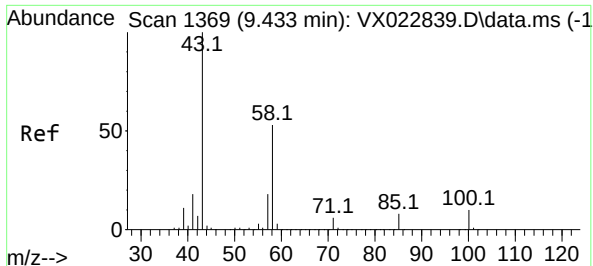
Delta R.T. 0.177 min

Lab File: VX023064.D

Acq: 01 Jul 2021 04:16

Tgt Ion:	76	Resp:	2992
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#

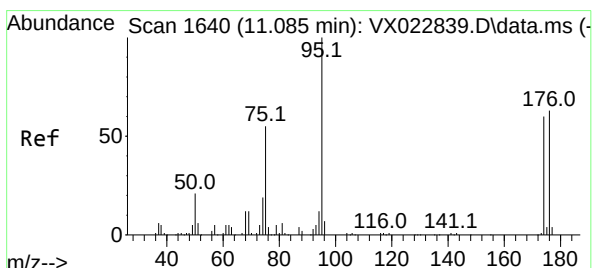
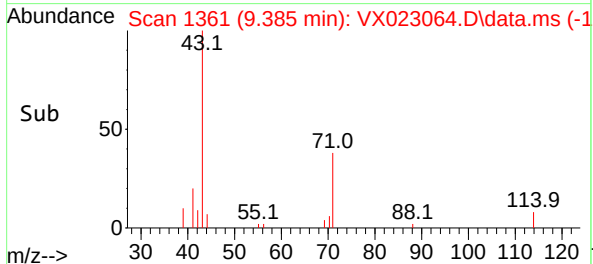
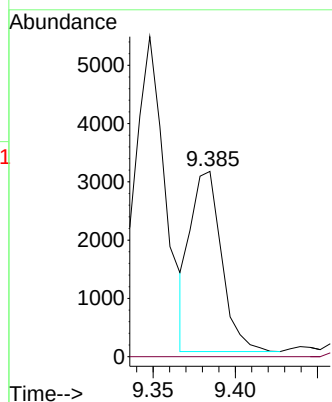
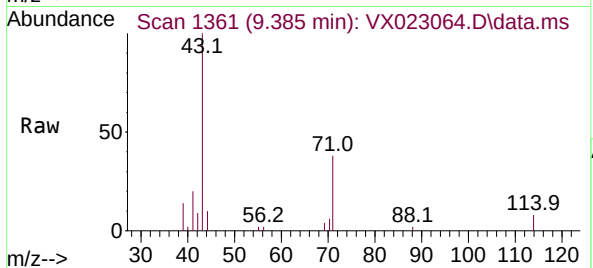




#59
2-Hexanone
Concen: 3.999 ug/l
RT: 9.385 min Scan# 1361
Delta R.T. -0.048 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

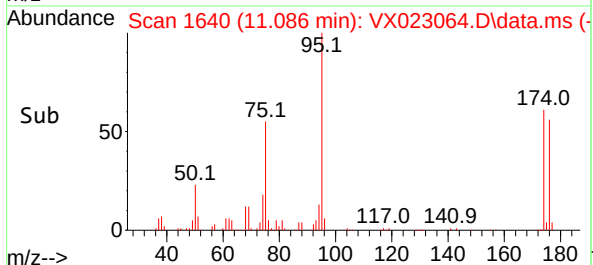
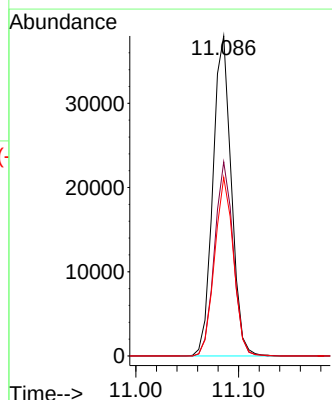
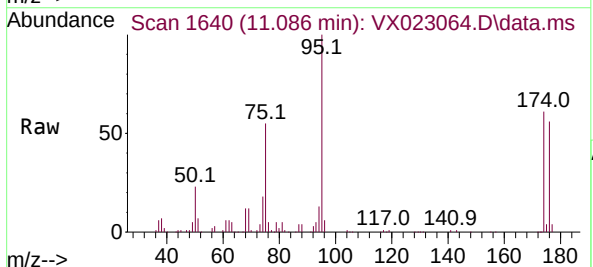
Instrument :
MSVOA_X
ClientSampled :

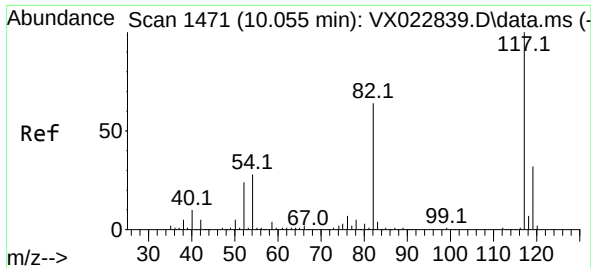
Tgt Ion: 43 Resp: 4055
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.819 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion: 95 Resp: 47218
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 57.2 0.0 155.8

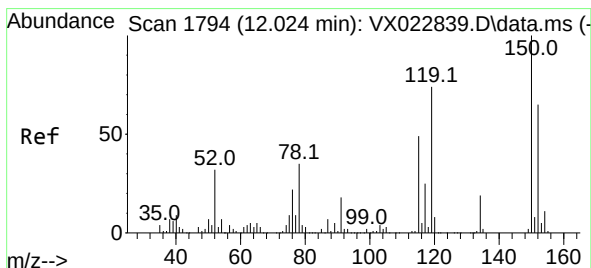
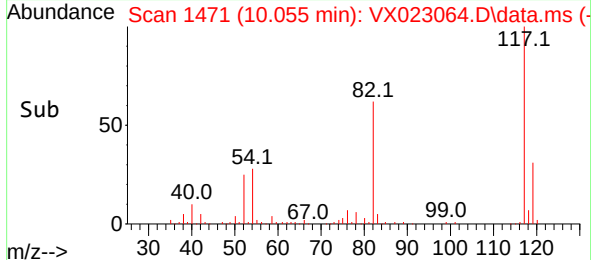
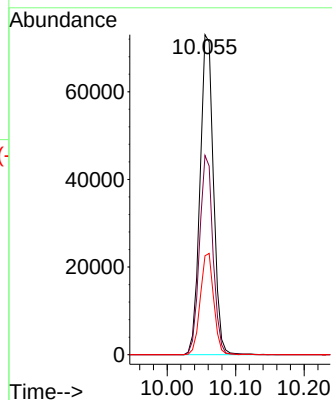
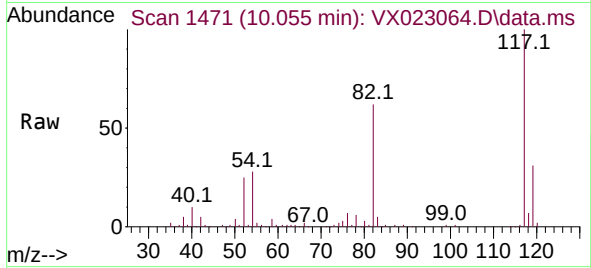




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

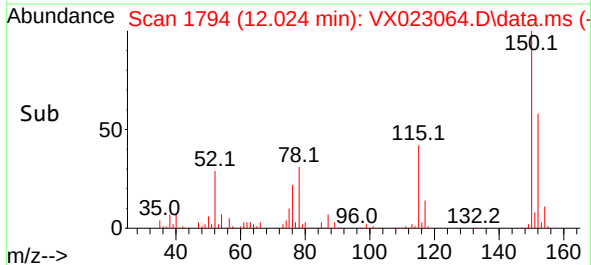
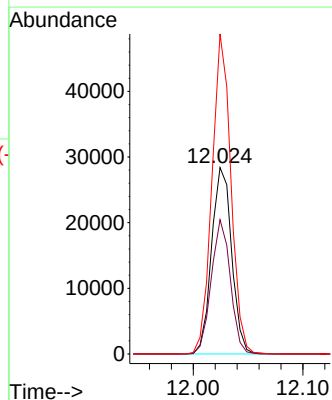
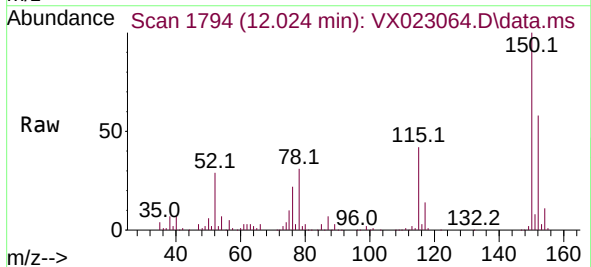
Instrument :
MSVOA_X
ClientSampleId :

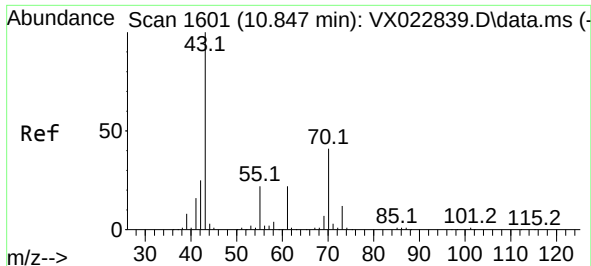
Tgt Ion:117 Resp: 99876
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 30.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion:152 Resp: 36093
Ion Ratio Lower Upper
152 100
115 68.5 41.1 123.3
150 162.0 0.0 349.0

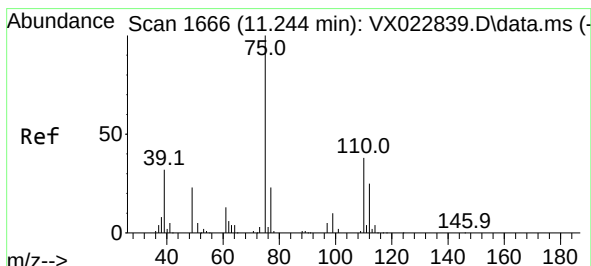
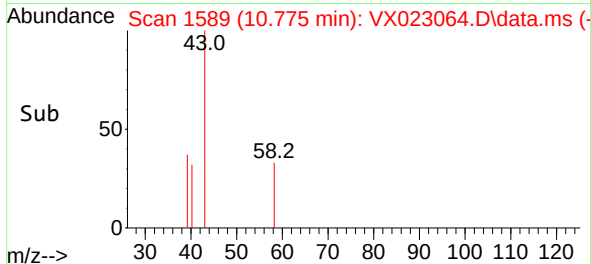
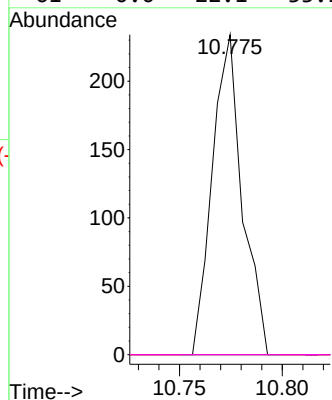
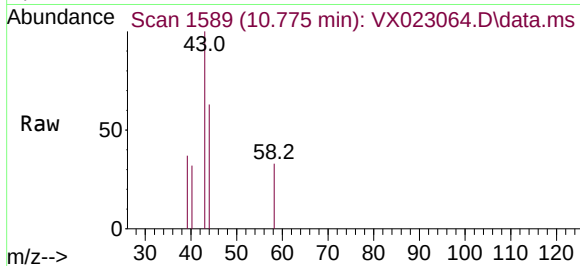




#74
N-amyl acetate
Concen: 2.187 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.072 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

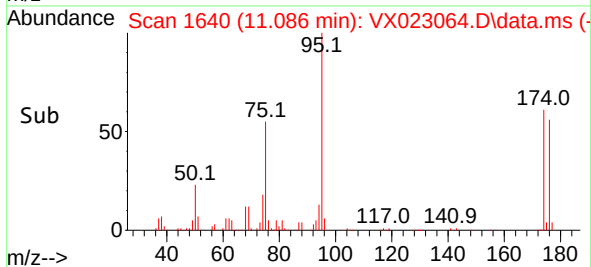
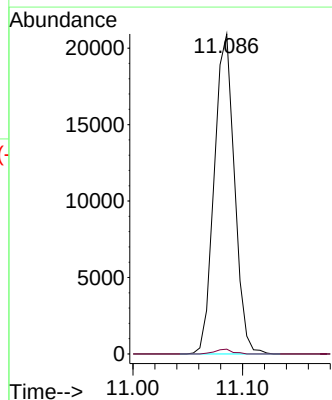
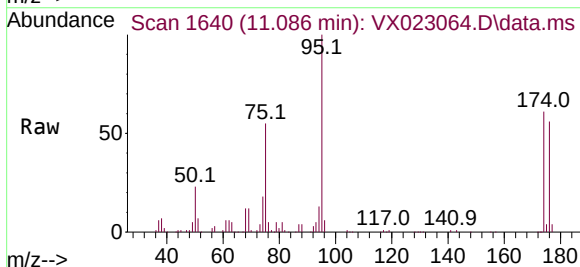
Instrument :
MSVOA_X
ClientSampled :

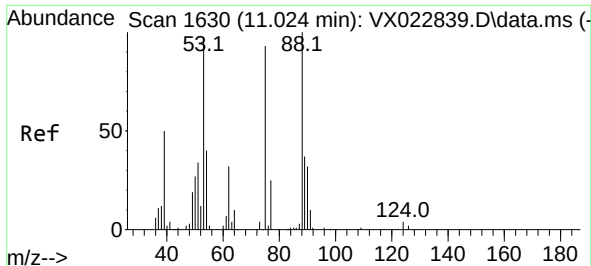
Tgt Ion: 43	Resp: 237
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 28.149 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion: 75	Resp:	26836	
Ion Ratio	Lower	Upper	
75 100			
77 1.3	19.1	57.5#	

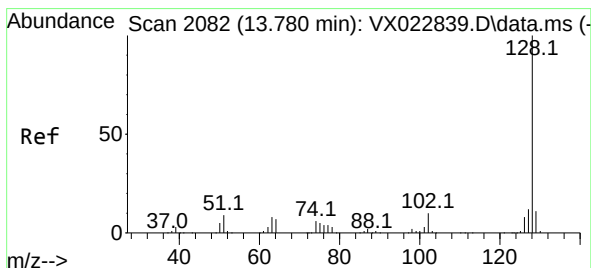
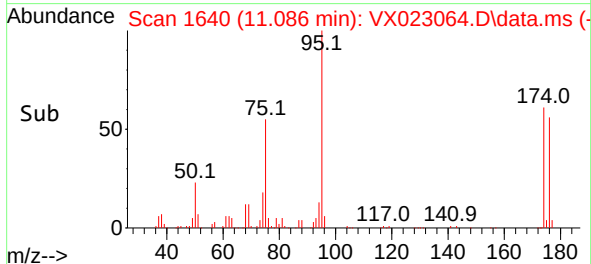
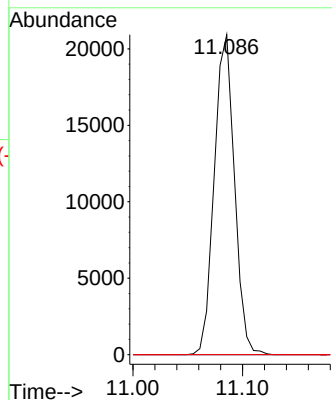
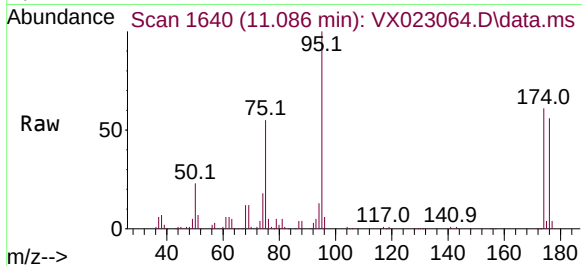




#81
trans-1,4-Dichloro-2-butene
Concen: 72.642 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 26836
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.975 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023064.D
Acq: 01 Jul 2021 04:16

Tgt Ion: 128 Resp: 161
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

