

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022564.D
 Acq On : 08 Jun 2021 15:20
 Operator : JC/MD
 Sample : PB136878ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

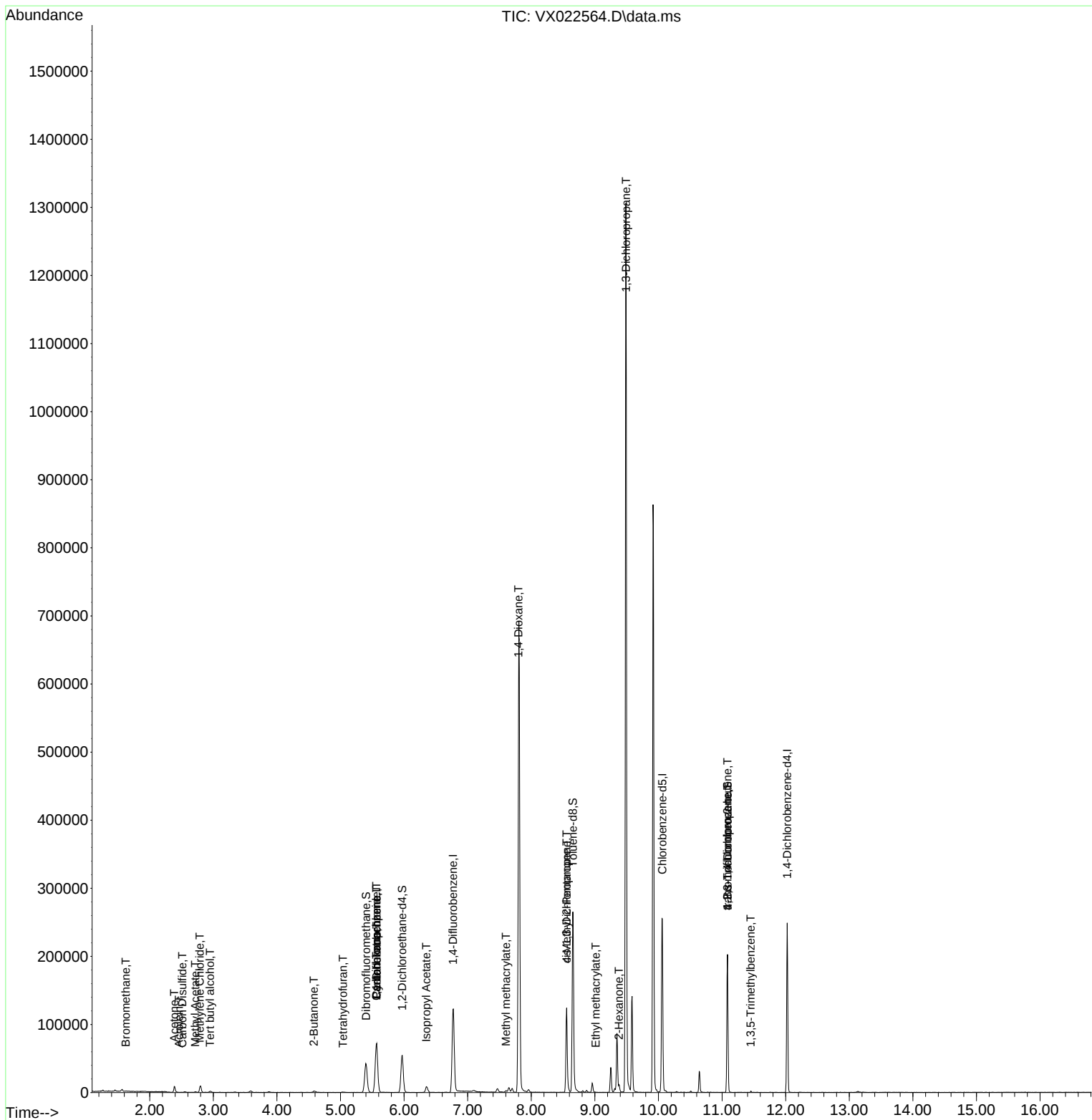
Quant Time: Jun 09 04:00:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

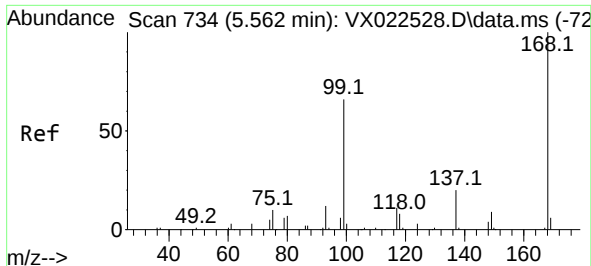
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.568	168	58421	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	122503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	111894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	50894	49.004	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.000%
35) Dibromofluoromethane	5.404	113	36580	47.726	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.460%
50) Toluene-d8	8.653	98	152785	49.959	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.920%
62) 4-Bromofluorobenzene	11.085	95	52881	46.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	177	0.419	ug/l	# 2
11) Tert butyl alcohol	2.947	59	1116	4.791	ug/l	# 73
13) Acrolein	2.459	56	19	3.288	ug/l	# 14
16) Acetone	2.386	43	8446	18.098	ug/l	98
17) Carbon Disulfide	2.514	76	49	3.409	ug/l	# 75
18) Methyl Acetate	2.715	43	1436	1.116	ug/l	# 75
20) Methylene Chloride	2.788	84	4412	4.528	ug/l	# 89
25) 2-Butanone	4.580	43	1673	2.169	ug/l	93
29) Tetrahydrofuran	5.038	42	657	1.452	ug/l	# 41
31) Cyclohexane	5.568	56	1598	1.301	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	6082	5.132	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	7205	8.352	ug/l	# 18
43) Isopropyl Acetate	6.348	43	11569	4.692	ug/l	93
48) Methyl methacrylate	7.604	41	3209	2.797	ug/l	# 10
49) 1,4-Dioxane	7.799	88	23	0.991	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	42722	27.812	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	19820	14.213	ug/l	# 68
56) Ethyl methacrylate	9.013	69	55	2.732	ug/l	# 29
57) 1,3-Dichloropropane	9.488	76	10954	6.771	ug/l	# 42
59) 2-Hexanone	9.378	43	4863	4.144	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	28615	25.216	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.451	105	941	0.308	ug/l	86
81) trans-1,4-Dichloro-2-b...	11.085	75	28615	62.350	ug/l	# 12

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

Quant Time: Jun 09 04:00:15 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

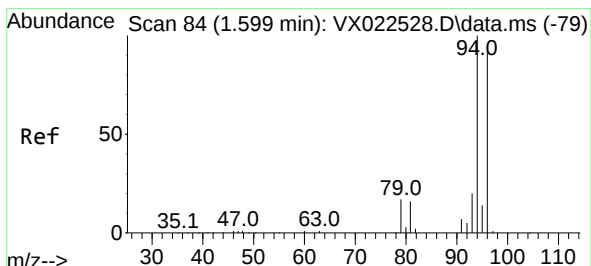
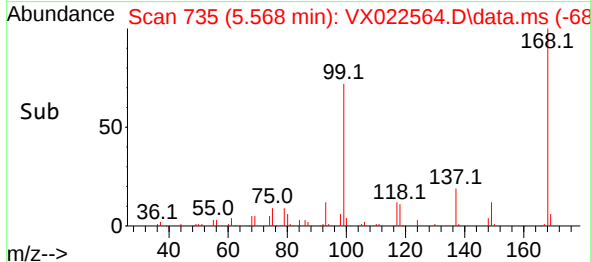
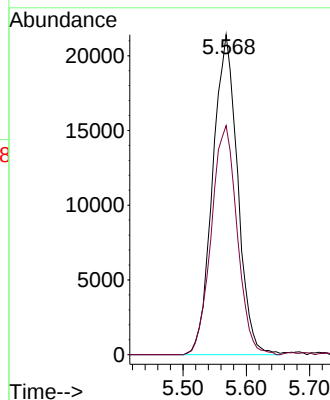
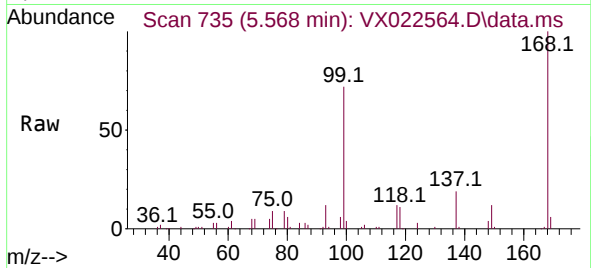




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

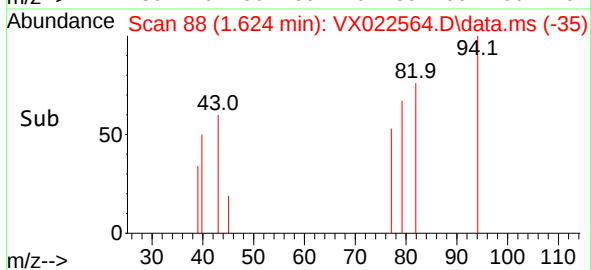
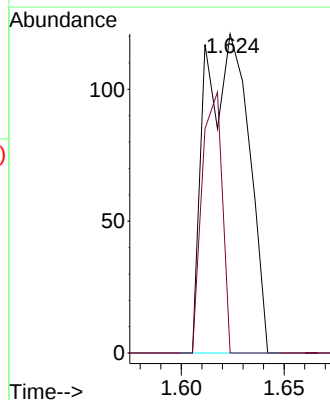
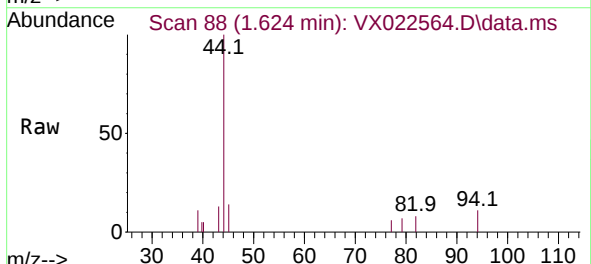
Instrument :
MSVOA_X
ClientSampled :

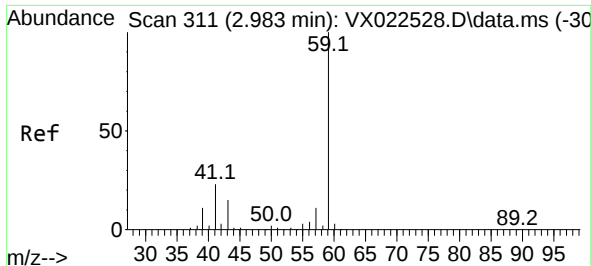
Tgt Ion:168 Resp: 58421
Ion Ratio Lower Upper
168 100
99 71.6 45.8 68.6#



#5
Bromomethane
Concen: 0.419 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

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

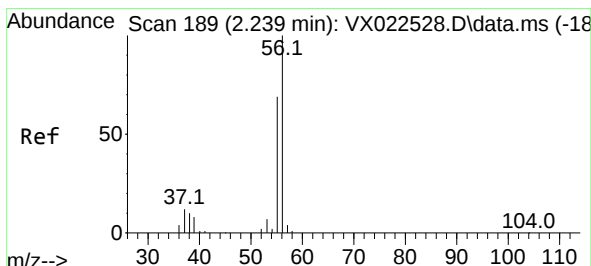
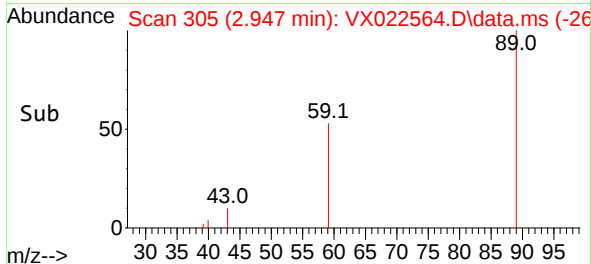
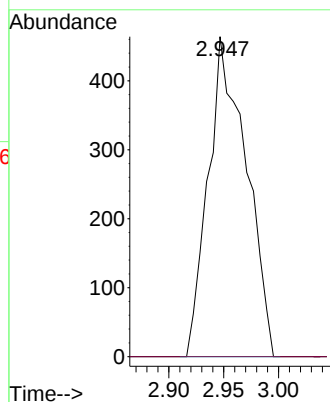
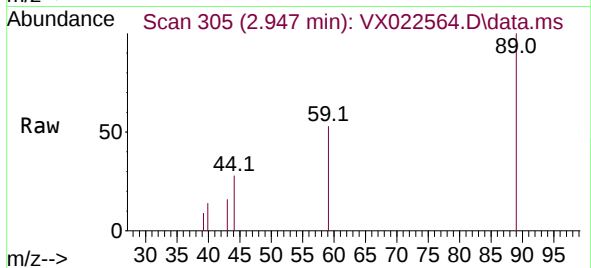




#11
Tert butyl alcohol
Concen: 4.791 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

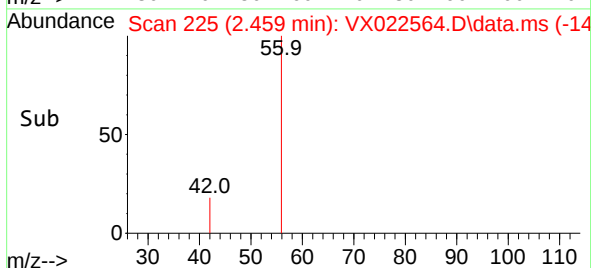
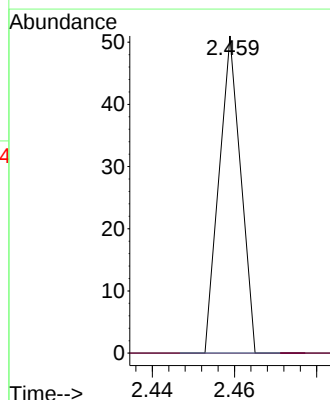
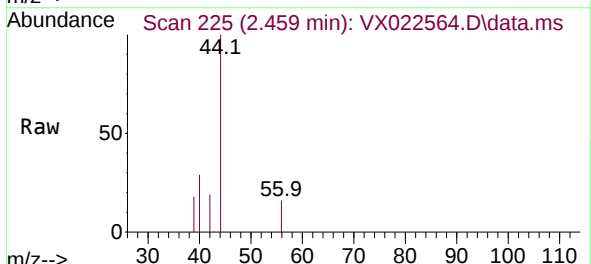
Instrument :
MSVOA_X
ClientSampled :

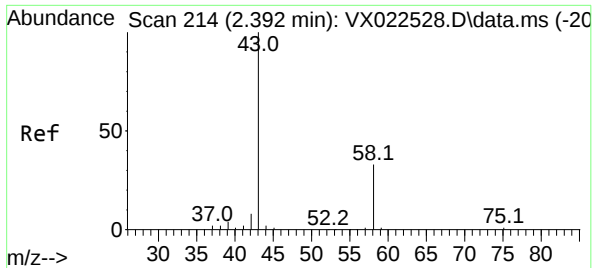
Tgt Ion: 59 Resp: 1116
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.288 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.220 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

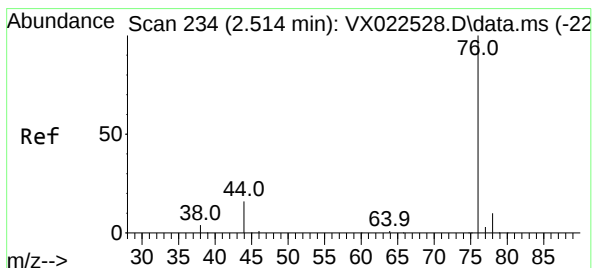
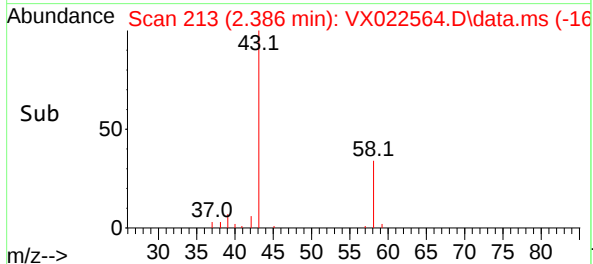
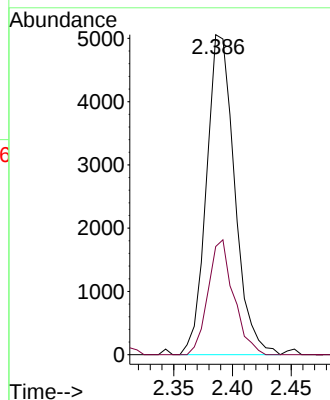
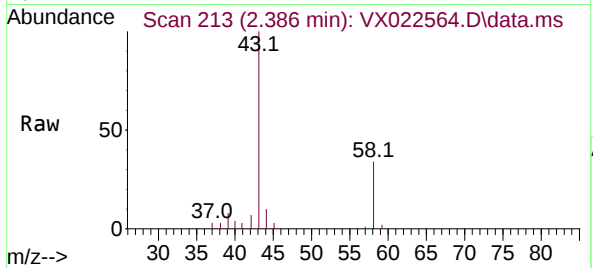




#16
Acetone
Concen: 18.098 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

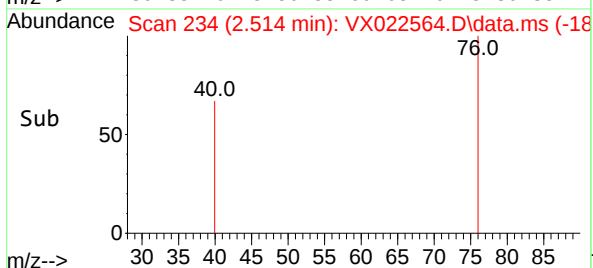
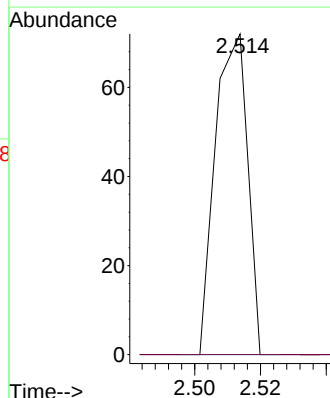
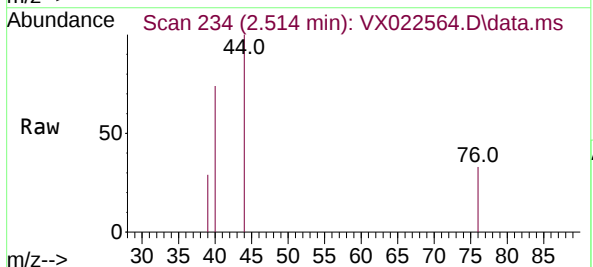
Instrument :
MSVOA_X
ClientSampled :

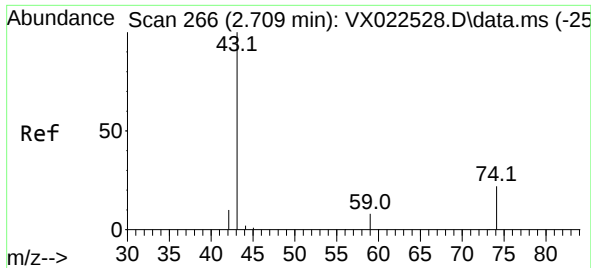
Tgt Ion: 43 Resp: 8446
Ion Ratio Lower Upper
43 100
58 33.8 27.8 41.8



#17
Carbon Disulfide
Concen: 3.409 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion: 76 Resp: 49
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

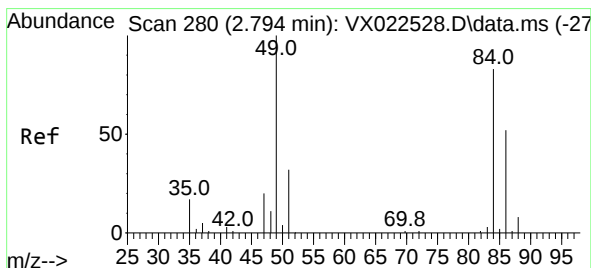
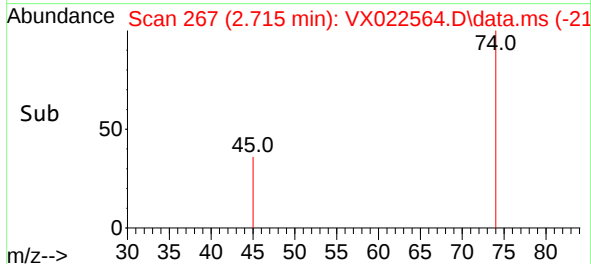
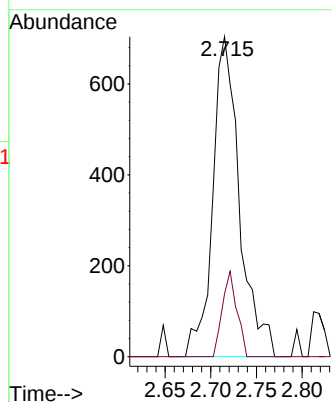
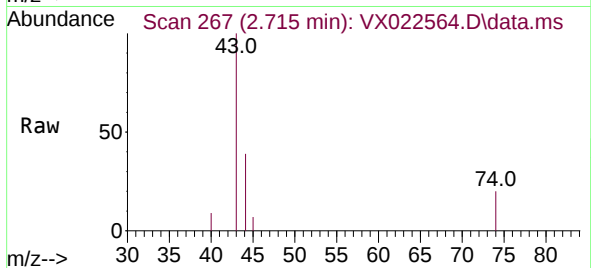




#18
Methyl Acetate
Concen: 1.116 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

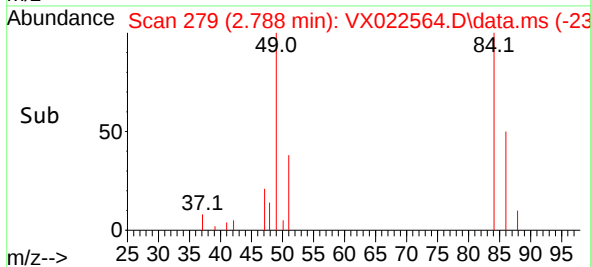
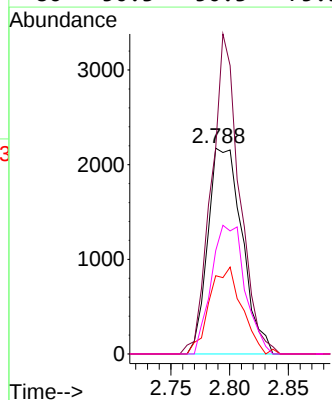
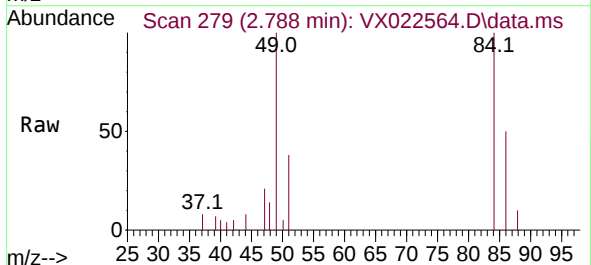
Instrument :
MSVOA_X
ClientSampled :

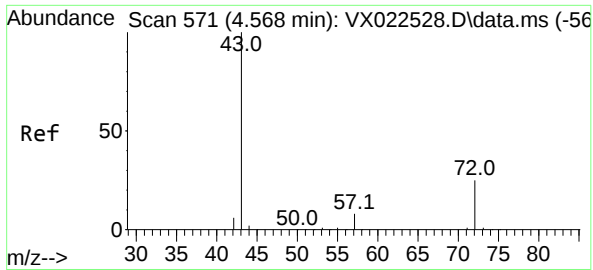
Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
74 14.5 21.9 32.9#



#20
Methylene Chloride
Concen: 4.528 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion: 84 Resp: 4412
Ion Ratio Lower Upper
84 100
49 100.1 88.6 132.8
51 38.0 27.0 40.6
86 50.3 50.3 75.5#

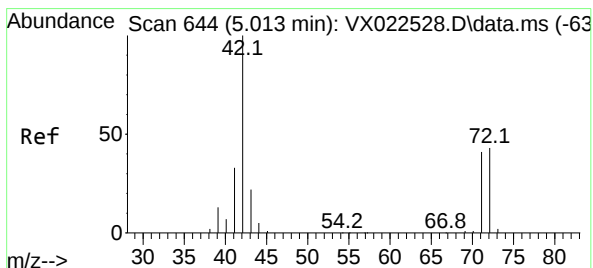
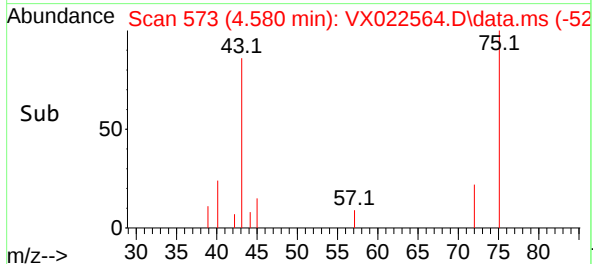
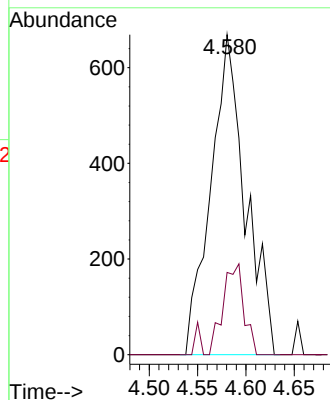
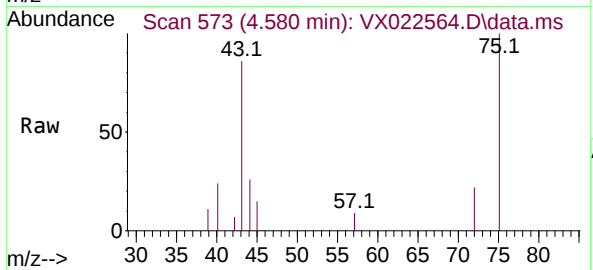




#25
2-Butanone
Concen: 2.169 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

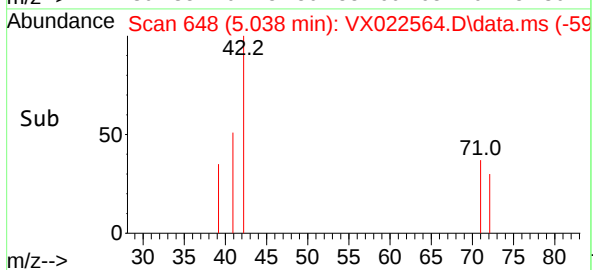
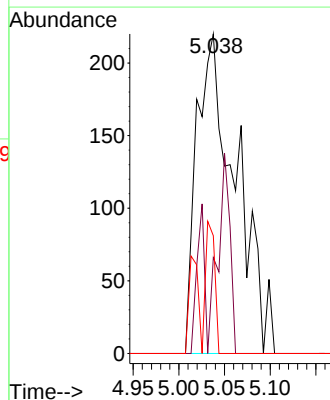
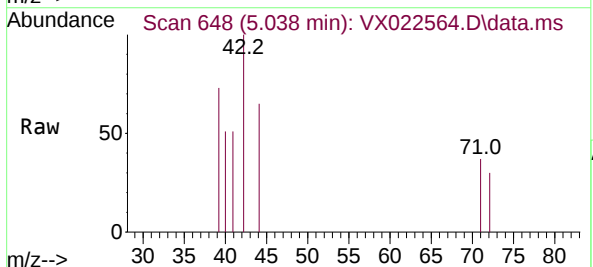
Instrument :
MSVOA_X
ClientSampled :

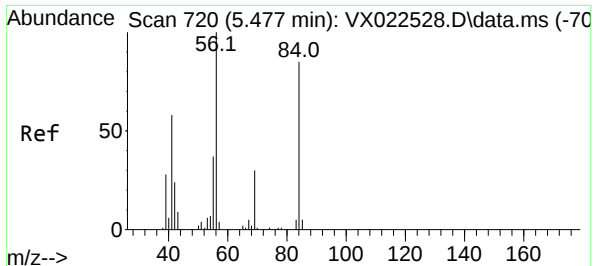
Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
72 25.7 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.452 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

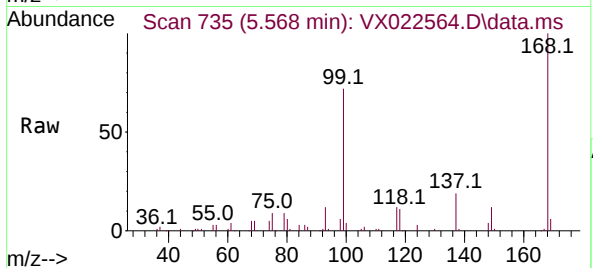
Tgt Ion: 42 Resp: 657
Ion Ratio Lower Upper
42 100
72 9.1 41.7 62.5#
71 9.6 38.4 57.6#



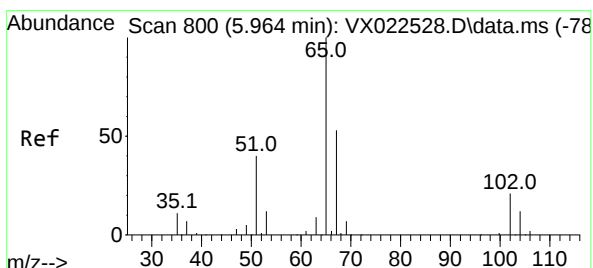
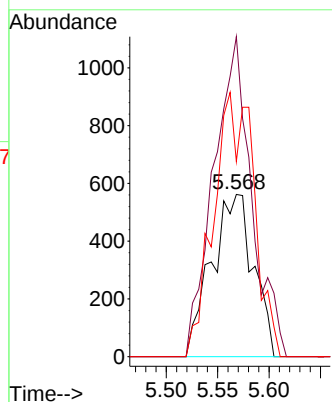
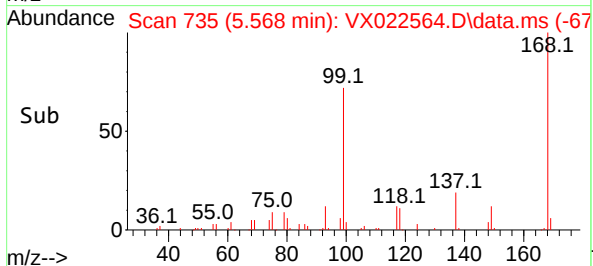


#31
Cyclohexane
Concen: 1.301 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

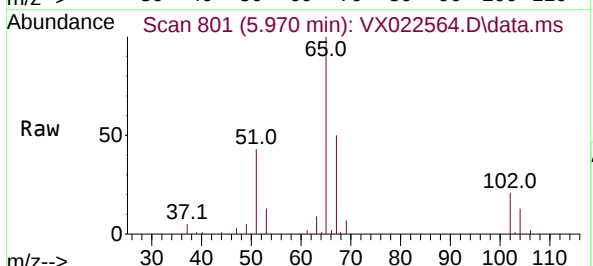
Instrument :
MSVOA_X
ClientSampleId :



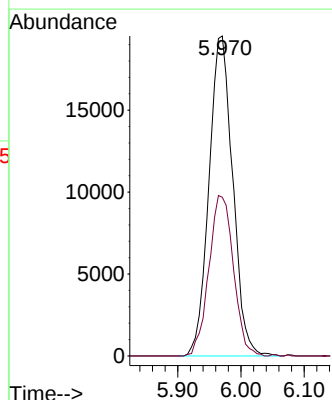
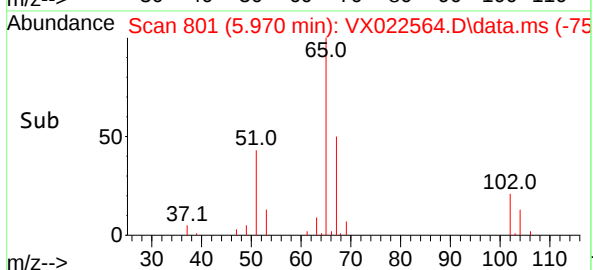
Tgt Ion: 56 Resp: 1598
Ion Ratio Lower Upper
56 100
69 197.2 25.3 37.9#
84 120.3 71.4 107.0#

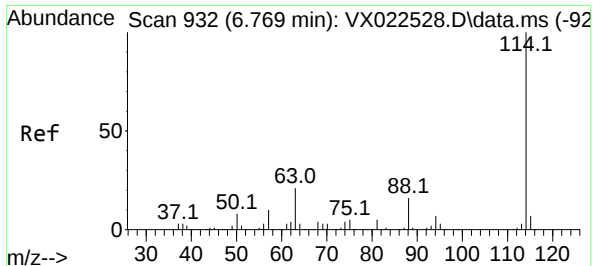


#33
1,2-Dichloroethane-d4
Concen: 49.004 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20



Tgt Ion: 65 Resp: 50894
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

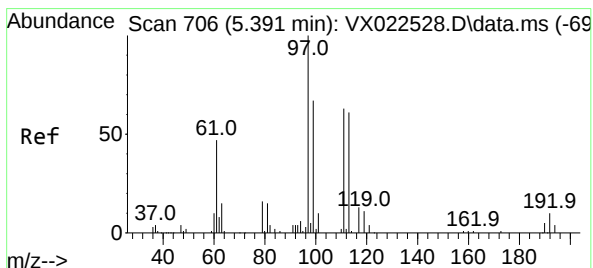
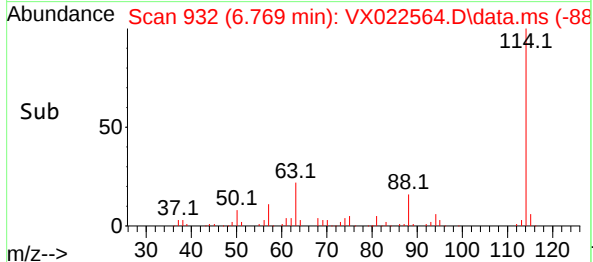
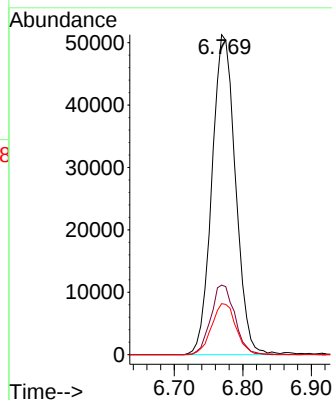
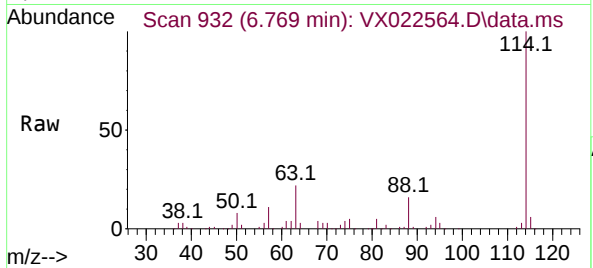




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

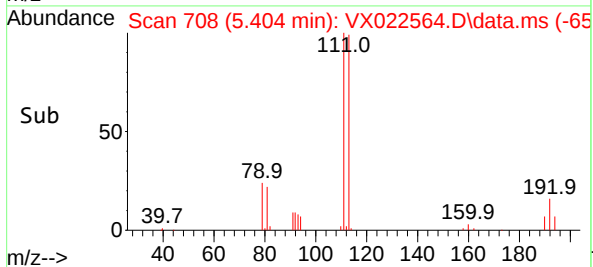
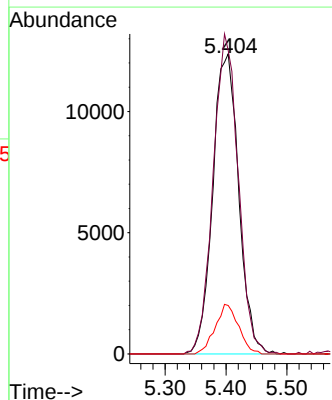
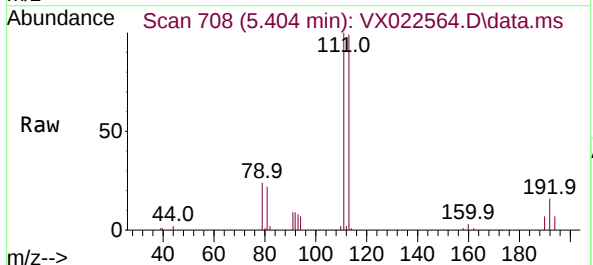
Instrument :
MSVOA_X
ClientSampled :

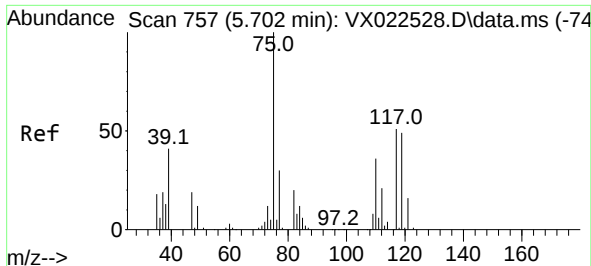
Tgt Ion:114 Resp: 122503
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.726 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.013 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion:113 Resp: 36580
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 14.9 16.7 25.1#

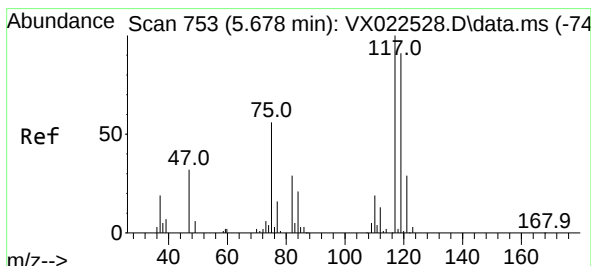
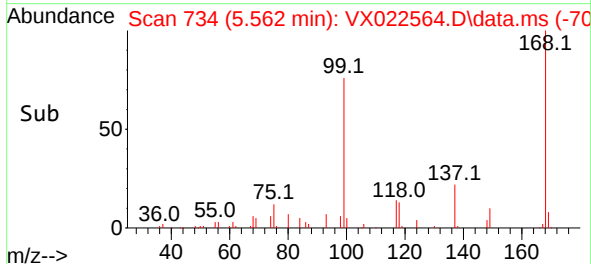
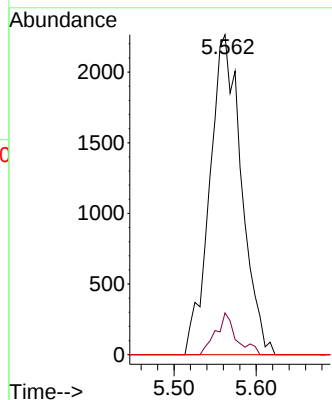
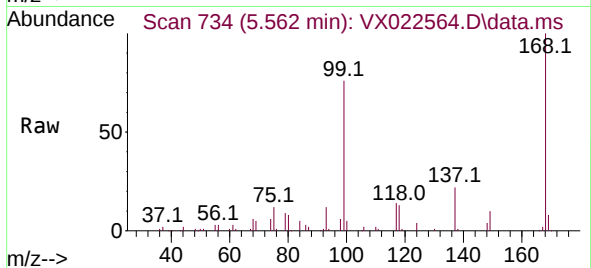




#36
1,1-Dichloropropene
Concen: 5.132 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

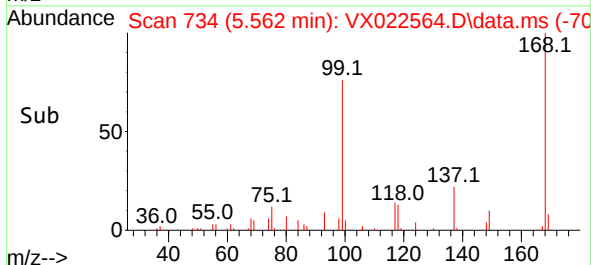
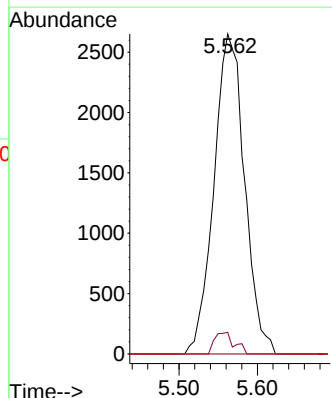
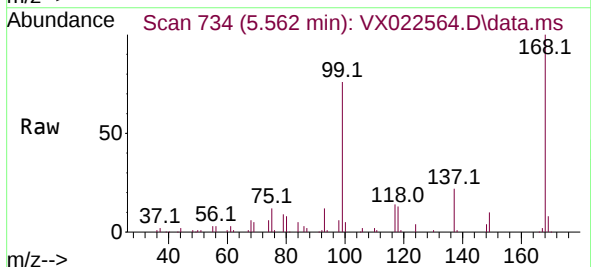
Instrument :
MSVOA_X
ClientSampled :

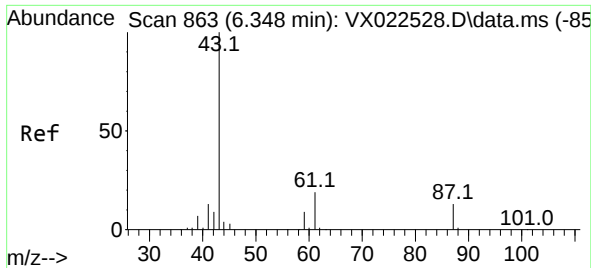
Tgt Ion: 75 Resp: 6082
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 8.352 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion: 117 Resp: 7205
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

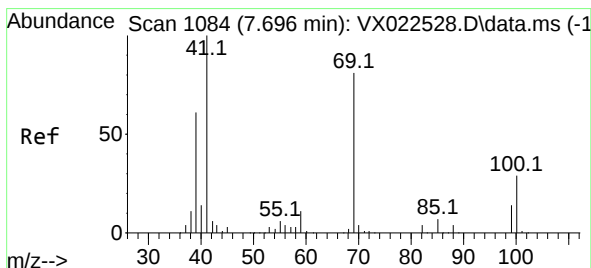
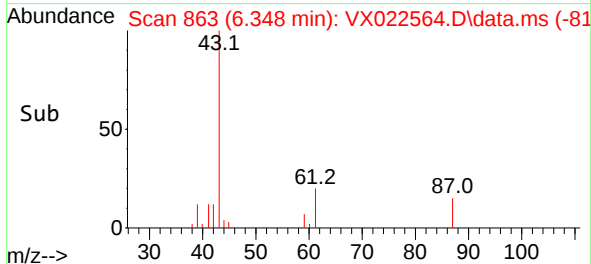
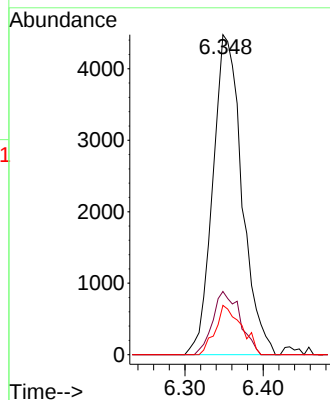
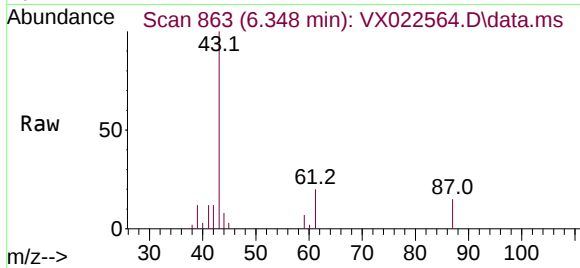




#43
Isopropyl Acetate
Concen: 4.692 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

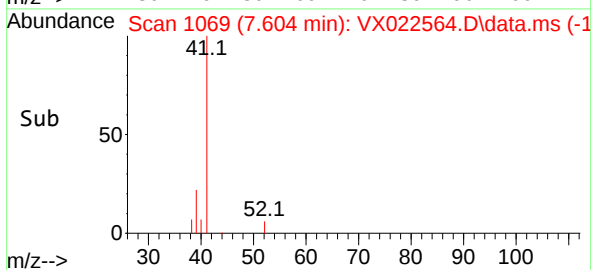
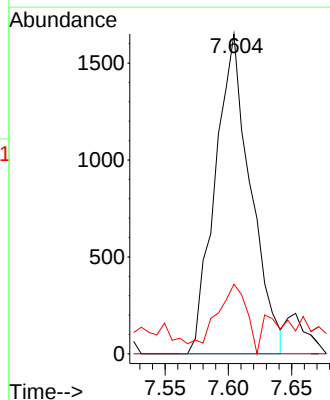
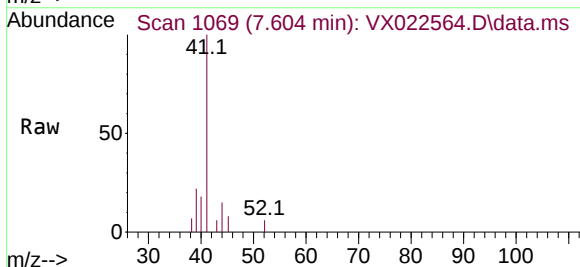
Instrument :
MSVOA_X
ClientSampleId :

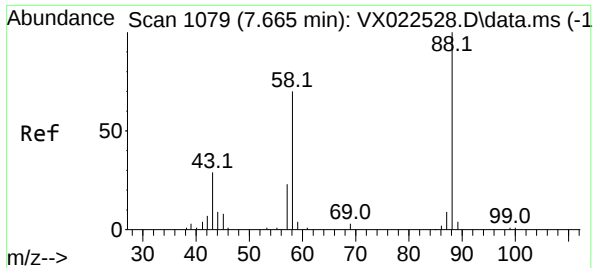
Tgt Ion:	43	Resp:	11569
Ion	Ratio	Lower	Upper
43	100		
61	18.5	18.2	27.4
87	13.7	12.5	18.7



#48
Methyl methacrylate
Concen: 2.797 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion:	41	Resp:	3209
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

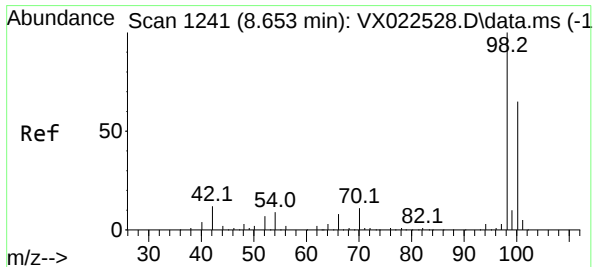
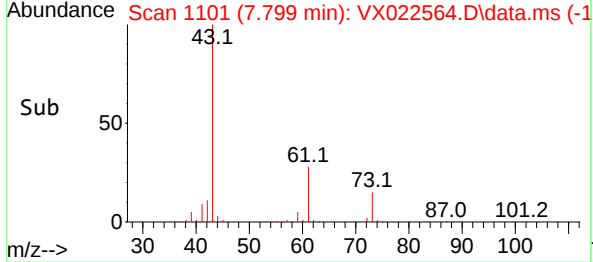
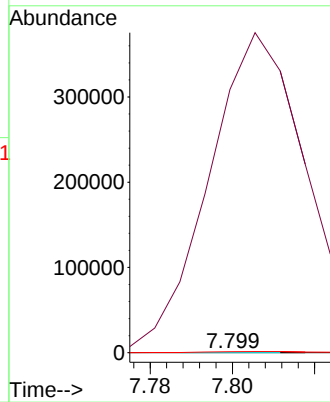
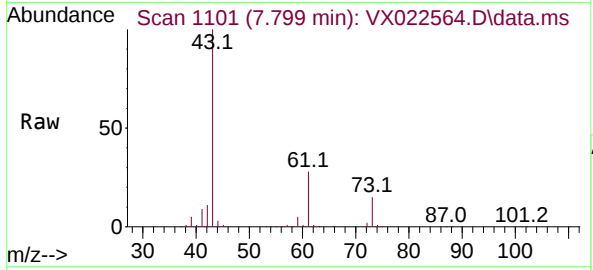




#49
1,4-Dioxane
Concen: 0.991 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

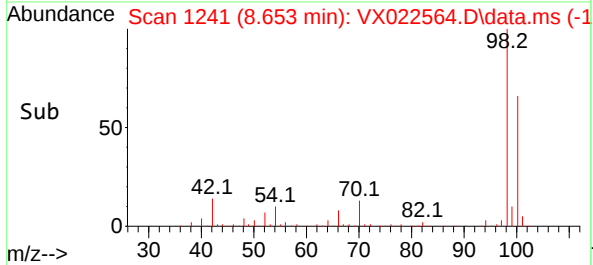
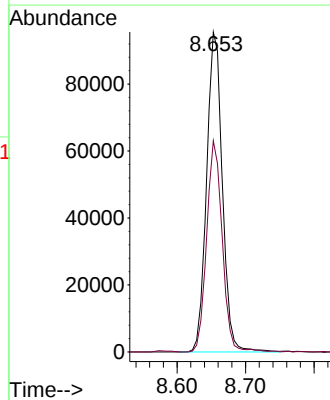
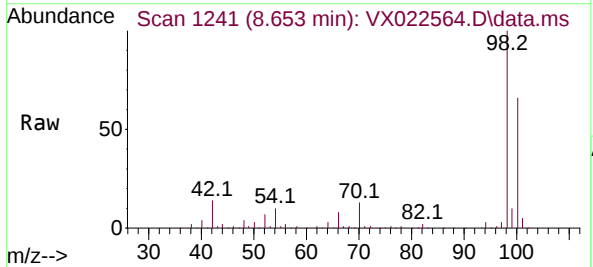
Instrument :
MSVOA_X
ClientSampled :

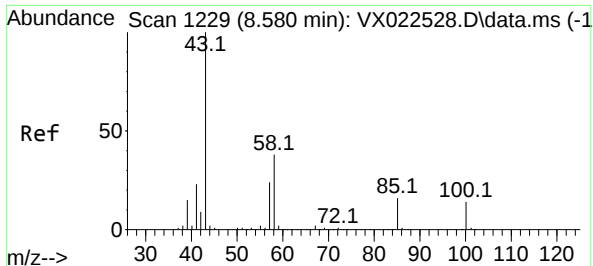
Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 2773873.9 23.2 34.8#
58 10904.3 55.0 82.4#



#50
Toluene-d8
Concen: 49.959 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion: 98 Resp: 152785
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

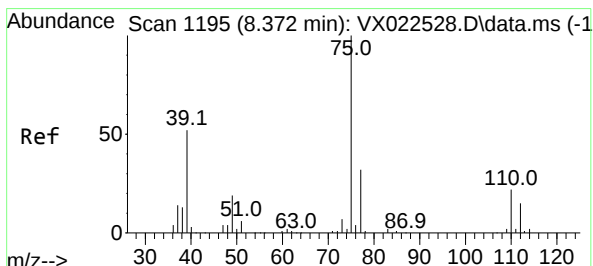
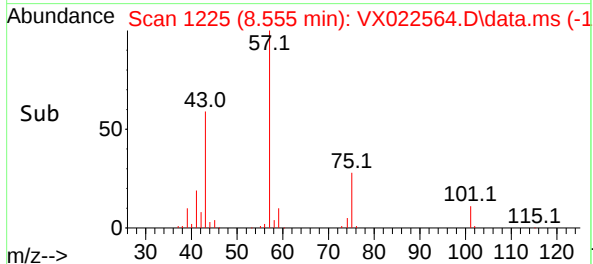
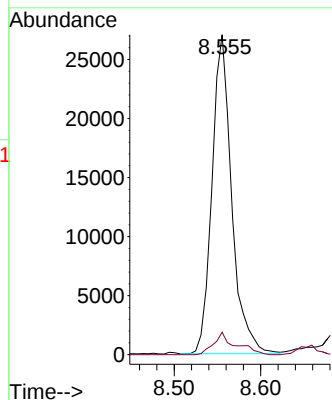
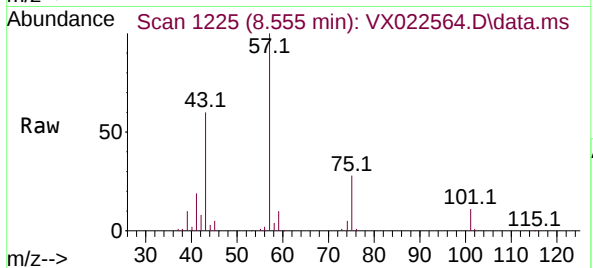




#51
4-Methyl-2-Pentanone
Concen: 27.812 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

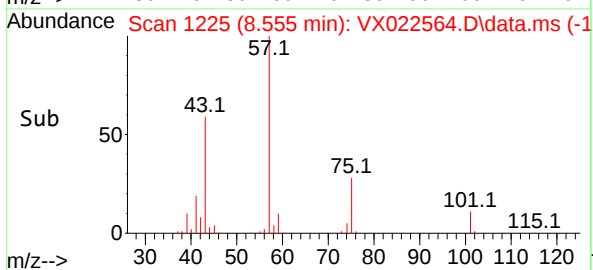
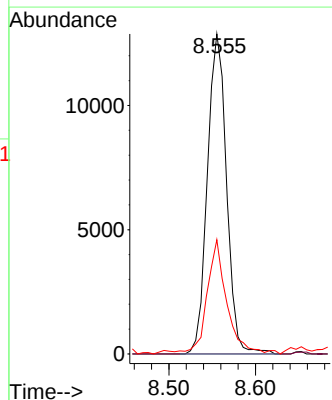
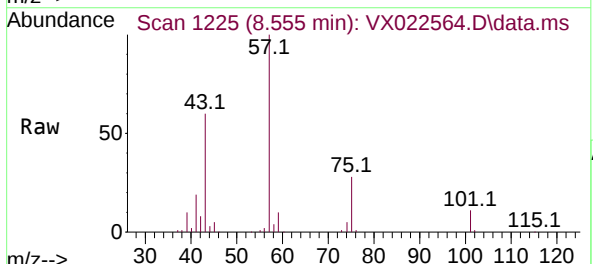
Instrument :
MSVOA_X
ClientSampled :

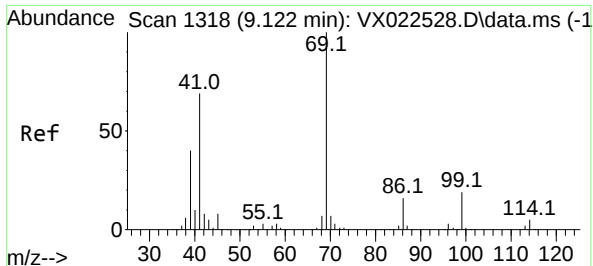
Tgt Ion: 43 Resp: 42722
Ion Ratio Lower Upper
43 100
58 7.8 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 14.213 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion: 75 Resp: 19820
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 35.7 35.1 52.7

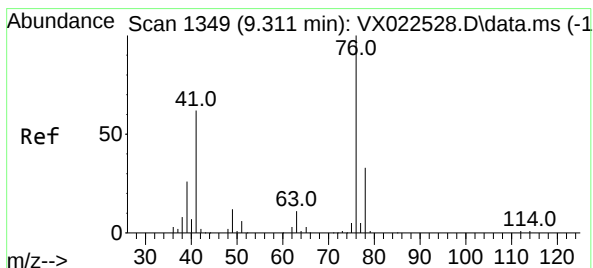
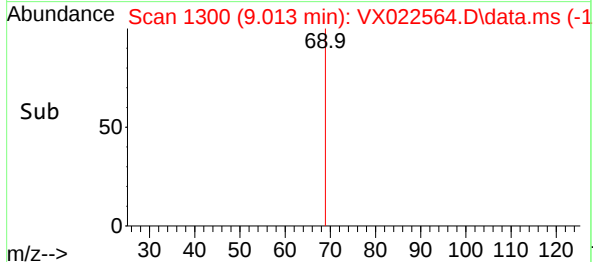
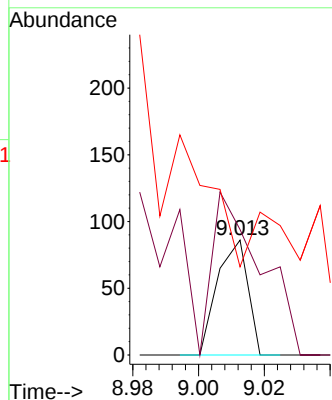
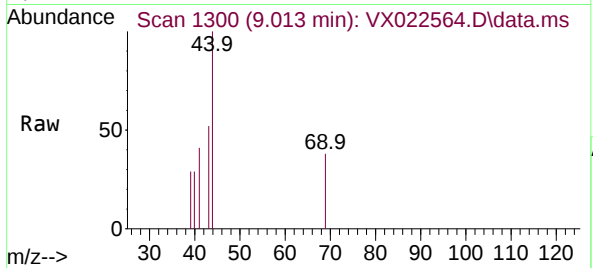




#56
Ethyl methacrylate
Concen: 2.732 ug/l
RT: 9.013 min Scan# 1300
Delta R.T. -0.109 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

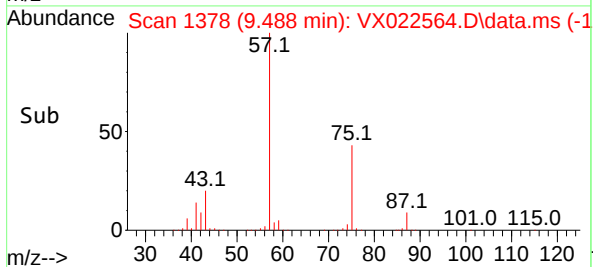
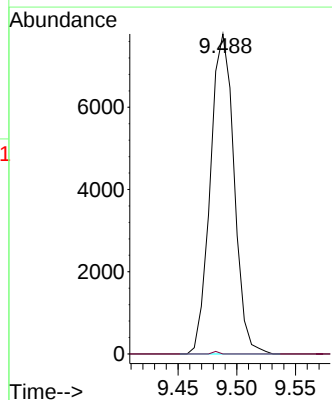
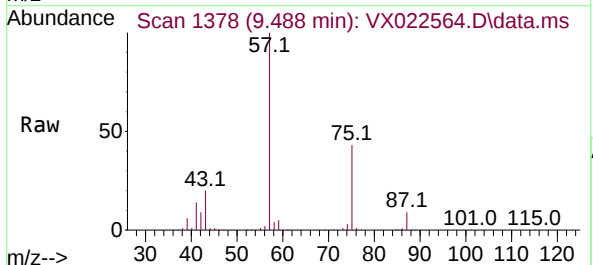
Instrument :
MSVOA_X
ClientSampled :

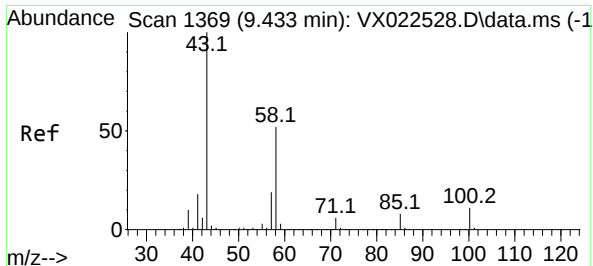
Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.771 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion: 76 Resp: 10954
Ion Ratio Lower Upper
76 100
78 0.2 26.2 39.2#

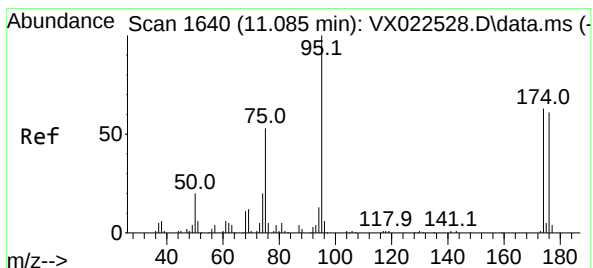
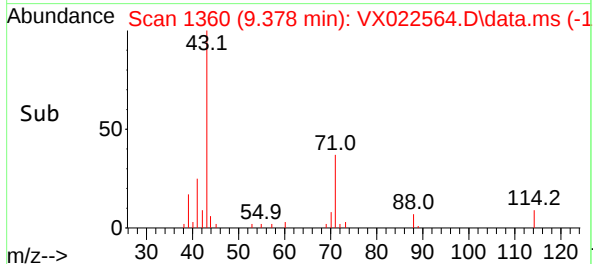
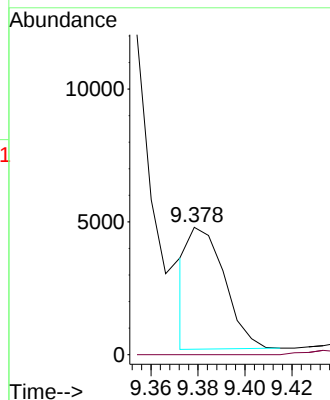
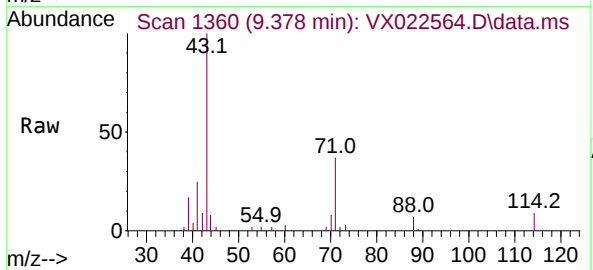




#59
2-Hexanone
Concen: 4.144 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

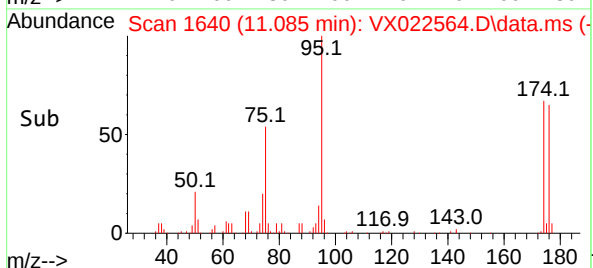
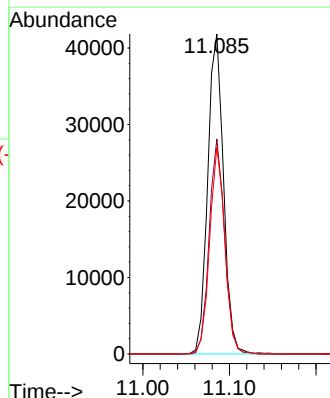
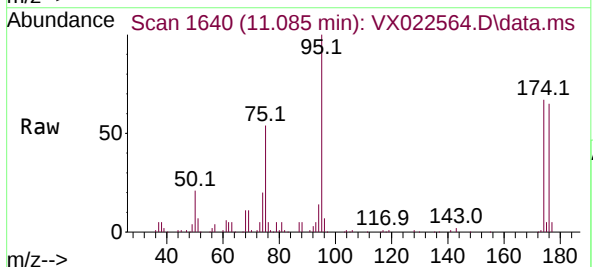
Instrument :
MSVOA_X
ClientSampled :

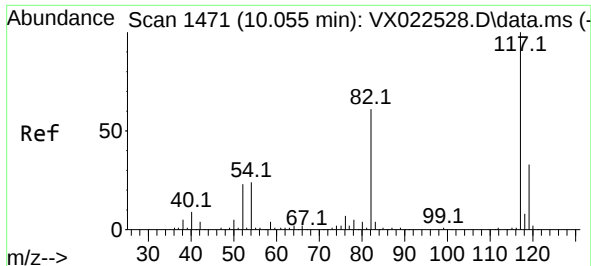
Tgt Ion: 43 Resp: 4863
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.520 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion: 95 Resp: 52881
Ion Ratio Lower Upper
95 100
174 65.6 0.0 154.6
176 62.1 0.0 155.8

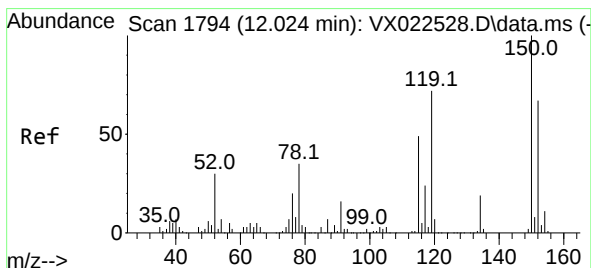
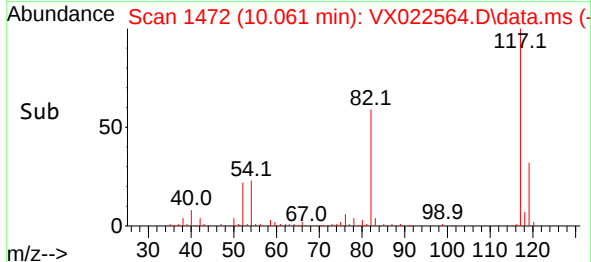
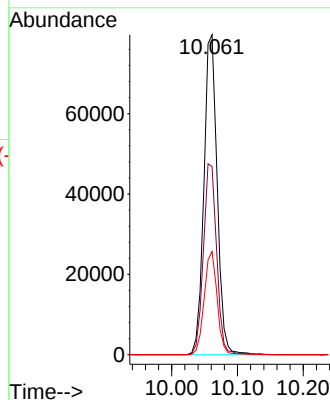
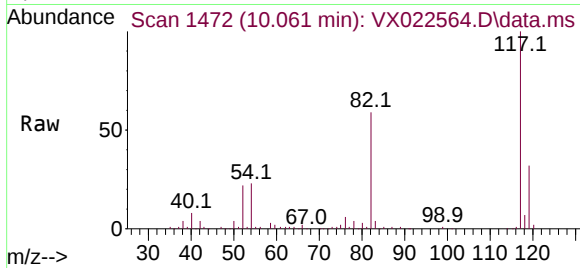




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

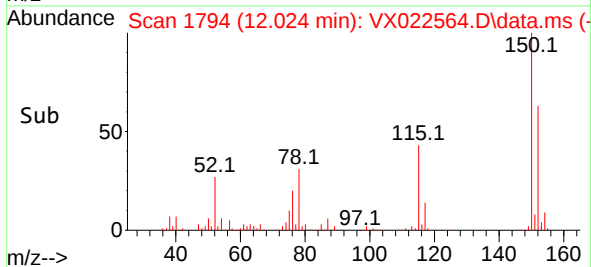
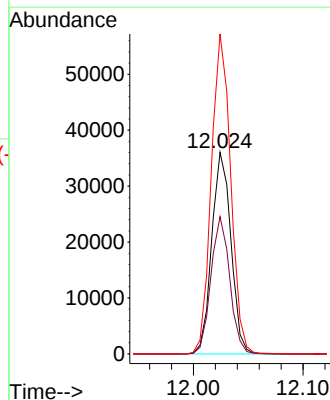
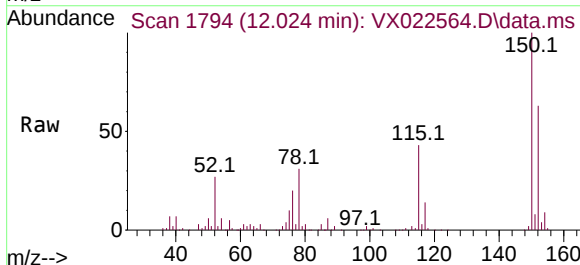
Instrument :
MSVOA_X
ClientSampled :

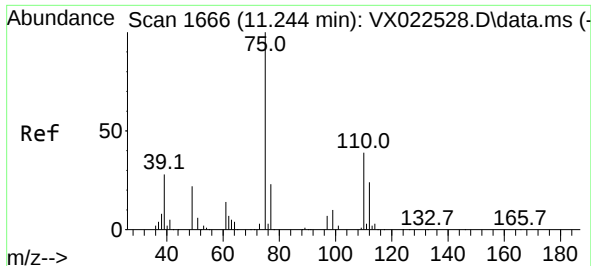
Tgt Ion:117 Resp: 111894
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion:152 Resp: 43804
Ion Ratio Lower Upper
152 100
115 66.7 41.1 123.3
150 160.3 0.0 349.0

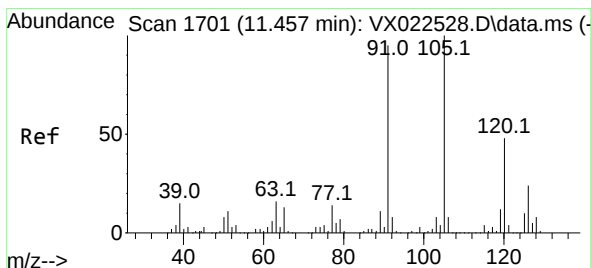
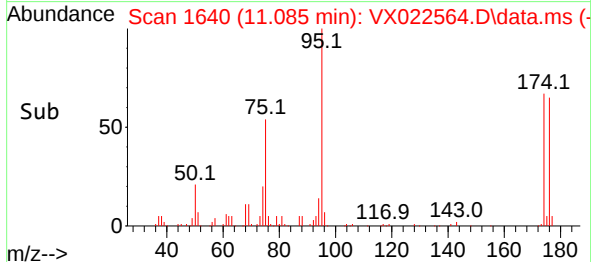
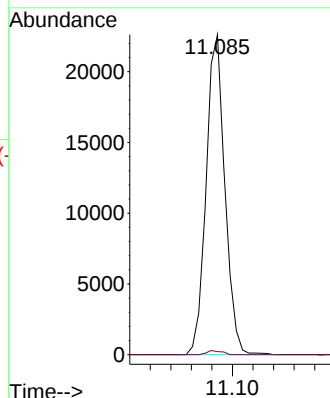
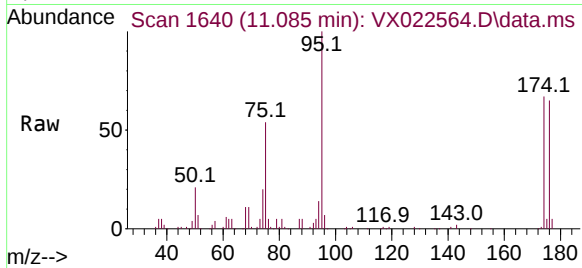




#76
1,2,3-Trichloropropane
Concen: 25.216 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

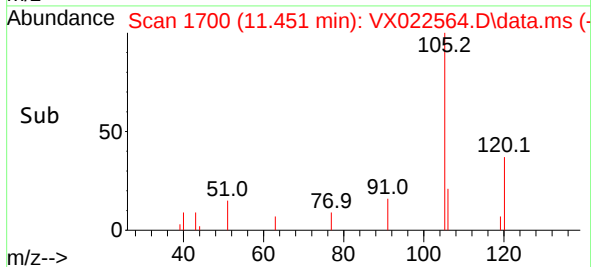
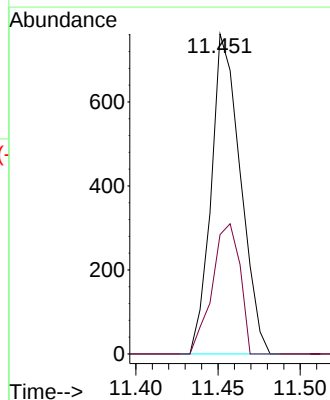
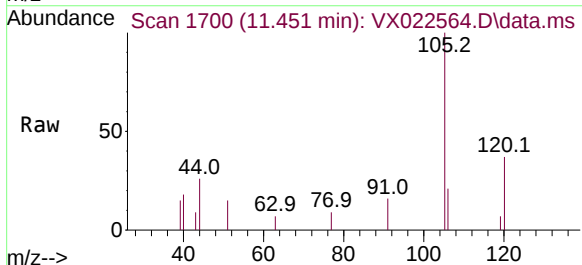
Instrument :
MSVOA_X
ClientSampled :

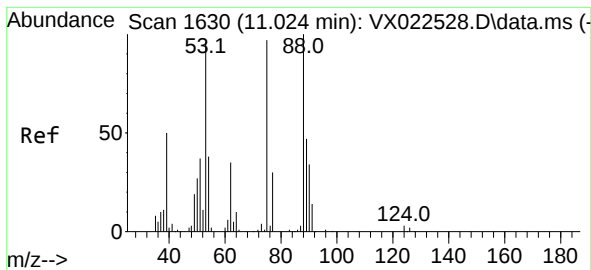
Tgt Ion: 75 Resp: 28615
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.308 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022564.D
Acq: 08 Jun 2021 15:20

Tgt Ion: 105 Resp: 941
Ion Ratio Lower Upper
105 100
120 38.6 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 62.350 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX022564.D

Acq: 08 Jun 2021 15:20

Tgt Ion: 75 Resp: 28615

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :

