

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022596.D
 Acq On : 09 Jun 2021 04:40
 Operator : JC/MD
 Sample : M2625-35
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

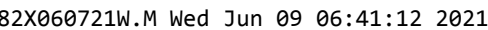
Quant Time: Jun 09 06:41:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

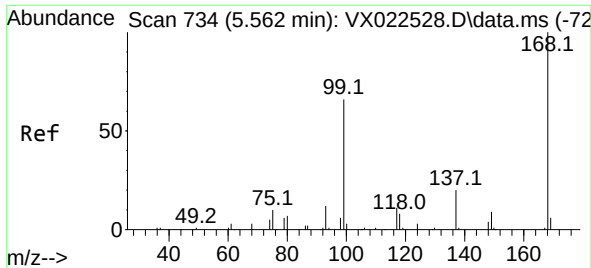
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	56394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	115024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48483	48.360	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.720%
35) Dibromofluoromethane	5.397	113	35128	48.812	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.620%
50) Toluene-d8	8.653	98	144019	50.155	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.300%
62) 4-Bromofluorobenzene	11.085	95	50955	47.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	181	0.228	ug/l #	42
11) Tert butyl alcohol	2.946	59	278	1.236	ug/l #	73
13) Acrolein	2.245	56	99	4.031	ug/l #	21
16) Acetone	2.385	43	9616	21.346	ug/l	95
17) Carbon Disulfide	2.513	76	1144	3.980	ug/l #	75
18) Methyl Acetate	2.715	43	1482	1.193	ug/l #	88
20) Methylene Chloride	2.788	84	3740	3.976	ug/l	91
25) 2-Butanone	4.580	43	1702	2.286	ug/l	94
29) Tetrahydrofuran	5.031	42	261	0.597	ug/l #	43
31) Cyclohexane	5.562	56	1671	1.409	ug/l #	43
36) 1,1-Dichloropropene	5.556	75	5685	5.109	ug/l #	48
38) Carbon Tetrachloride	5.568	117	6348	7.972	ug/l #	20
41) Methacrylonitrile	5.037	41	211	0.269	ug/l #	27
43) Isopropyl Acetate	6.348	43	10172	4.394	ug/l #	91
48) Methyl methacrylate	7.598	41	2824	2.621	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	35003	24.268	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	16226	12.724	ug/l #	66
56) Ethyl methacrylate	9.012	69	60	2.737	ug/l #	29
57) 1,3-Dichloropropane	9.488	76	9301	6.123	ug/l #	42
59) 2-Hexanone	9.378	43	4031	3.658	ug/l #	19
74) N-amyl acetate	10.780	43	503	0.283	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	26870	25.543	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26870	63.084	ug/l #	12

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

Quant Time: Jun 09 06:41:07 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

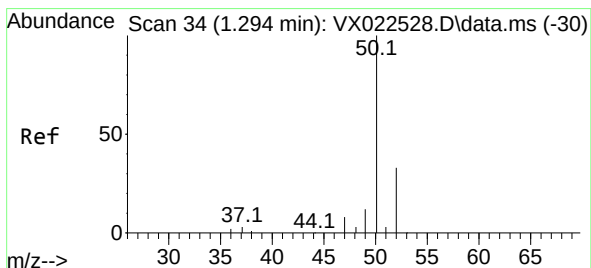
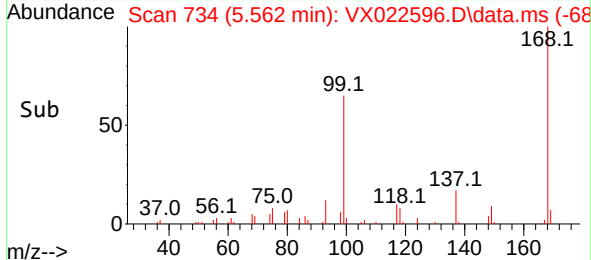
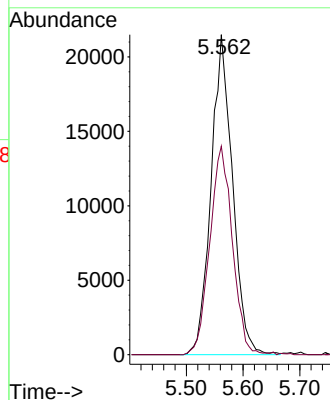
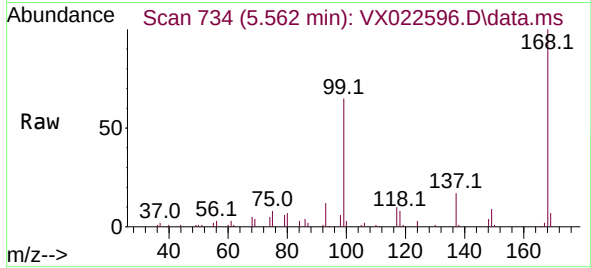




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

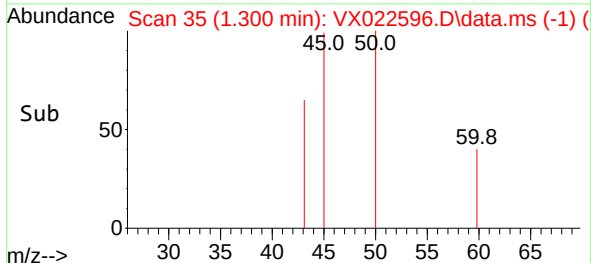
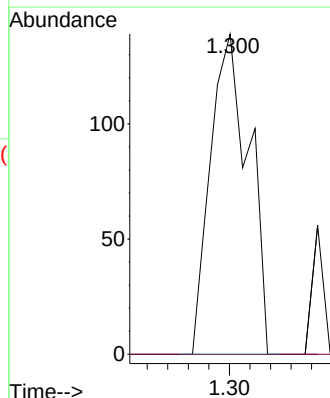
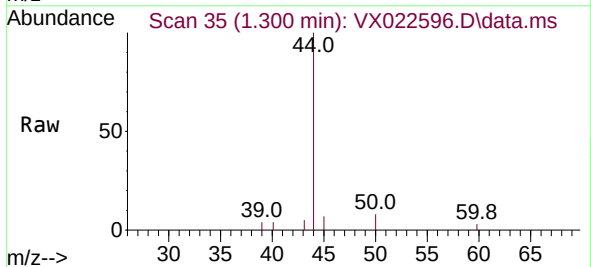
Instrument :
MSVOA_X
ClientSampled :

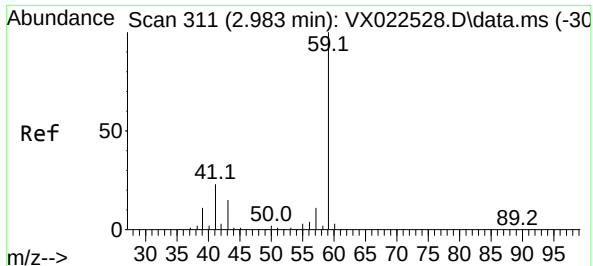
Tgt Ion:168 Resp: 56394
Ion Ratio Lower Upper
168 100
99 65.2 45.8 68.6



#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion: 50 Resp: 181
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



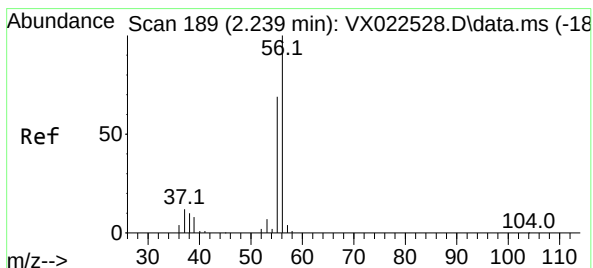
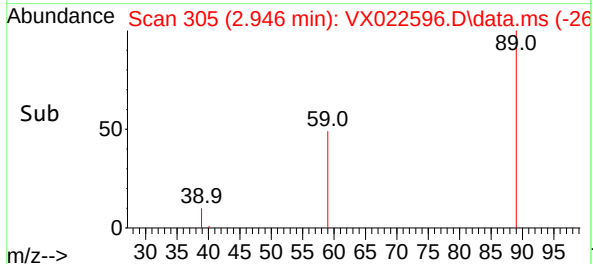
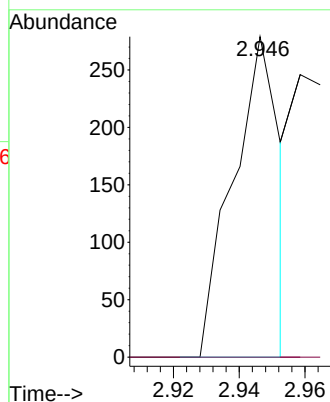
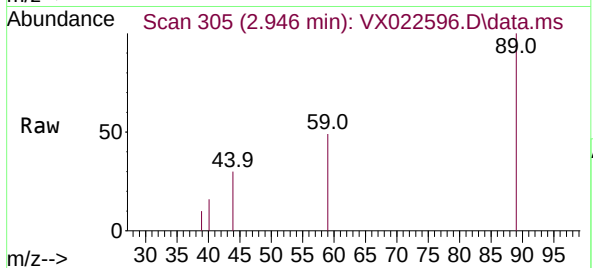


#11

Tert butyl alcohol
Concen: 1.236 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Instrument :
MSVOA_X
ClientSampled :

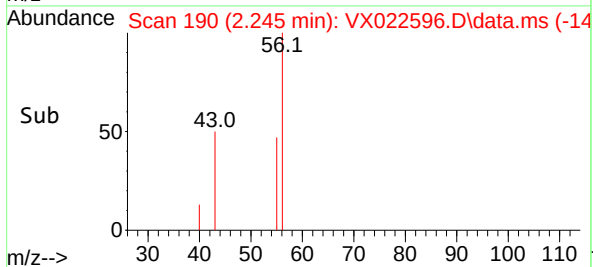
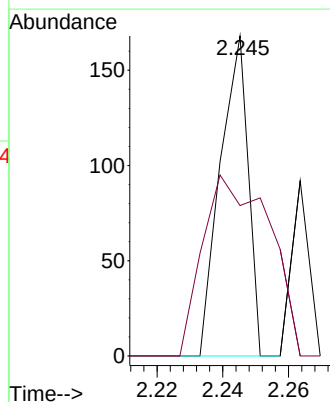
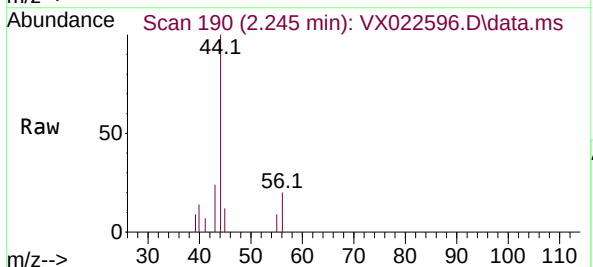
Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

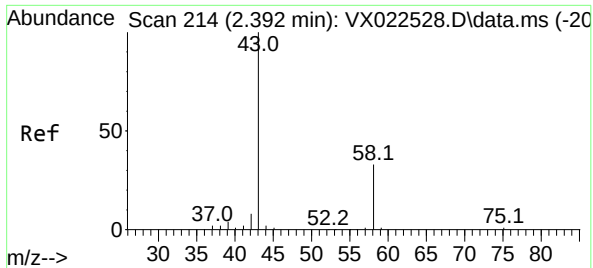


#13

Acrolein
Concen: 4.031 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 135.4 56.4 84.6#

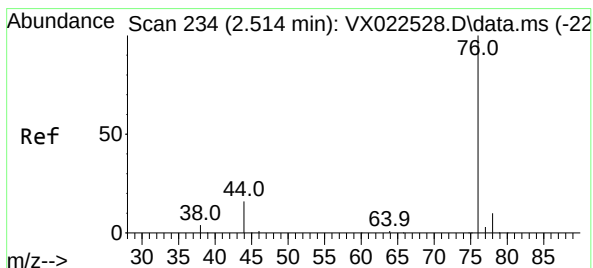
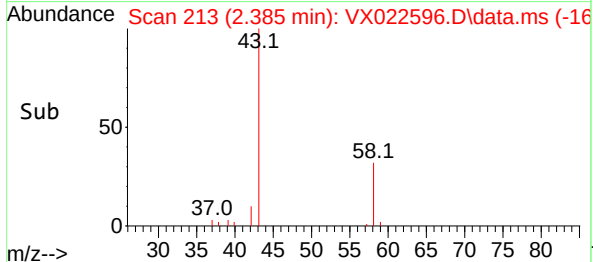
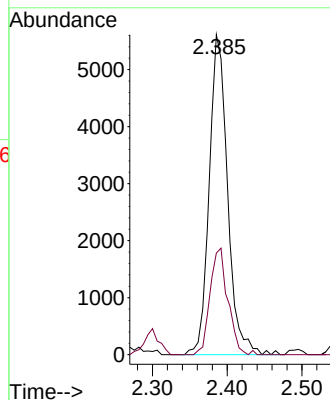
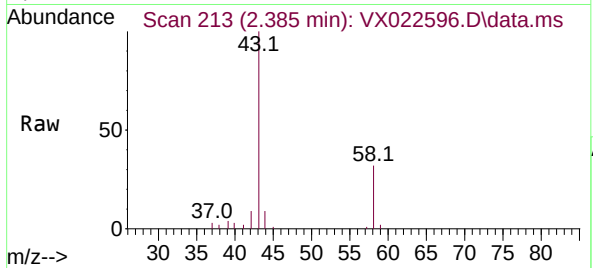




#16
Acetone
Concen: 21.346 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

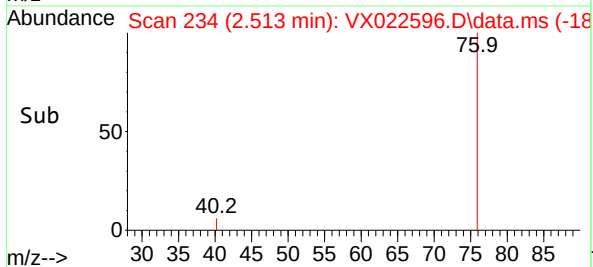
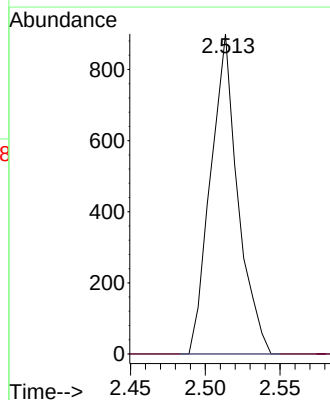
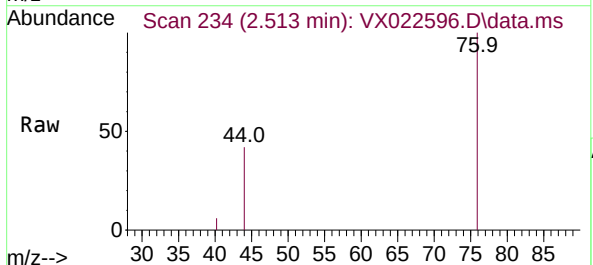
Instrument :
MSVOA_X
ClientSampled :

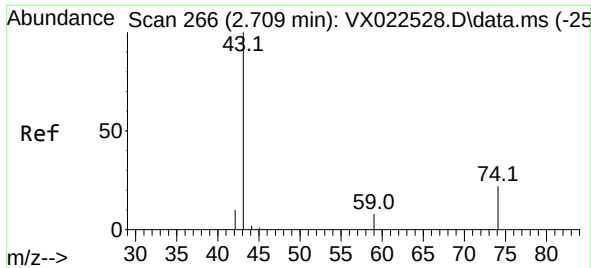
Tgt Ion: 43 Resp: 9616
Ion Ratio Lower Upper
43 100
58 31.8 27.8 41.8



#17
Carbon Disulfide
Concen: 3.980 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion: 76 Resp: 1144
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

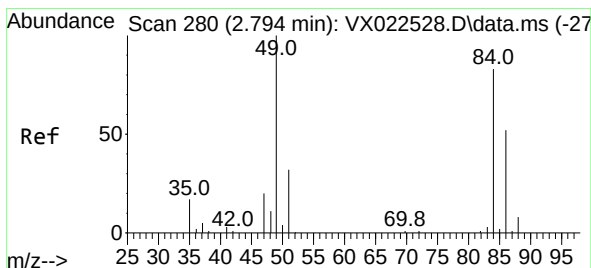
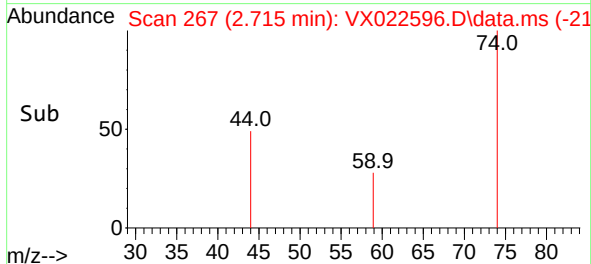
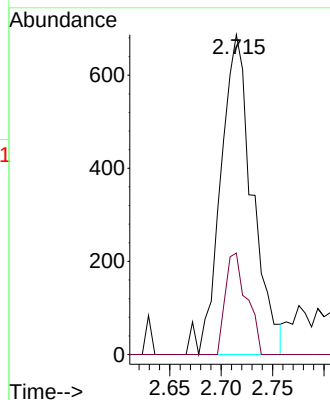
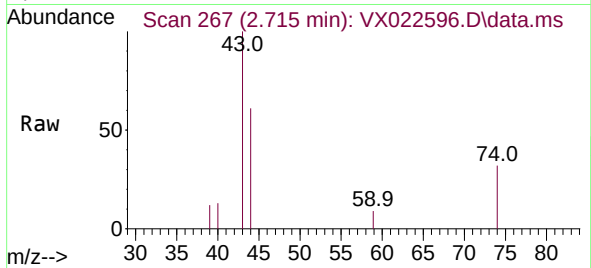




#18
Methyl Acetate
Concen: 1.193 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

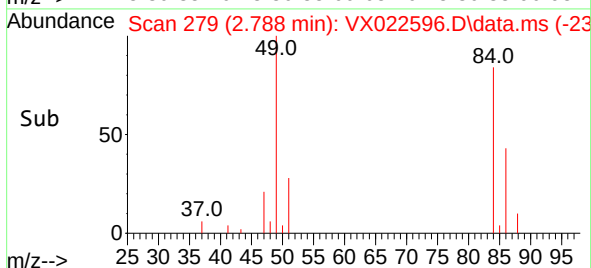
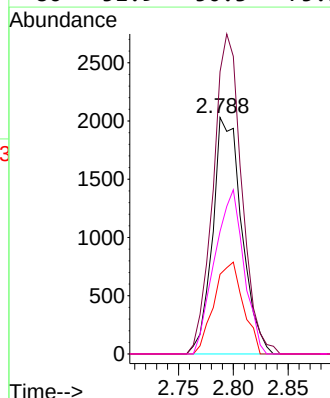
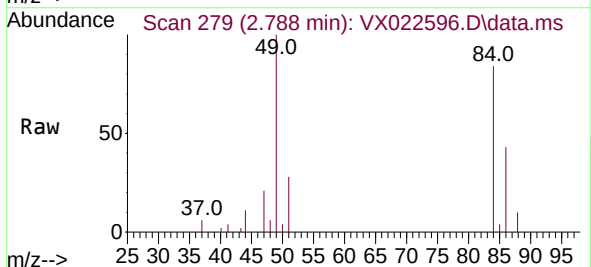
Instrument :
MSVOA_X
ClientSampled :

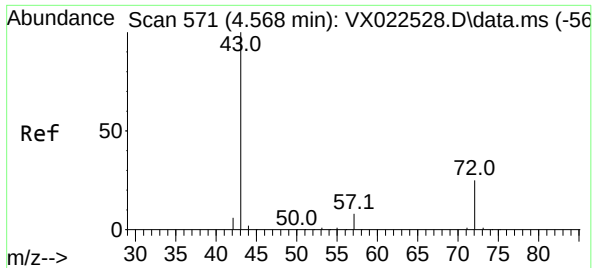
Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
74 21.3 21.9 32.9#



#20
Methylene Chloride
Concen: 3.976 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion: 84 Resp: 3740
Ion Ratio Lower Upper
84 100
49 119.4 88.6 132.8
51 33.7 27.0 40.6
86 51.9 50.3 75.5





#25

2-Butanone

Concen: 2.286 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022596.D

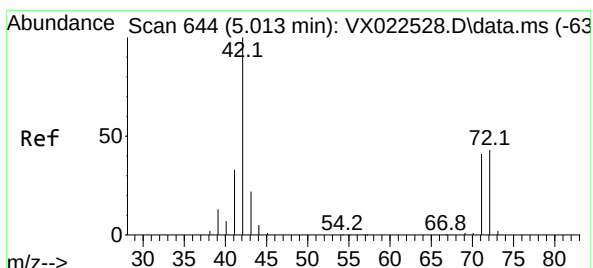
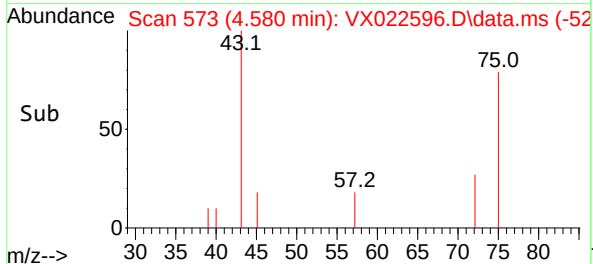
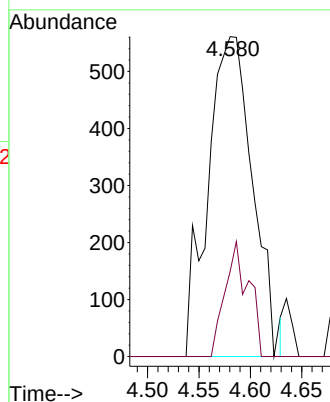
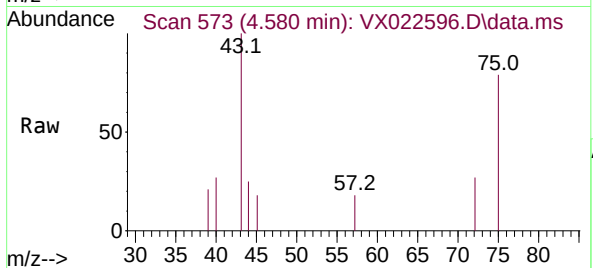
Acq: 09 Jun 2021 04:40

Tgt Ion: 43 Resp: 1702

Ion Ratio Lower Upper

43 100

72 26.6 23.7 35.5



#29

Tetrahydrofuran

Concen: 0.597 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX022596.D

Acq: 09 Jun 2021 04:40

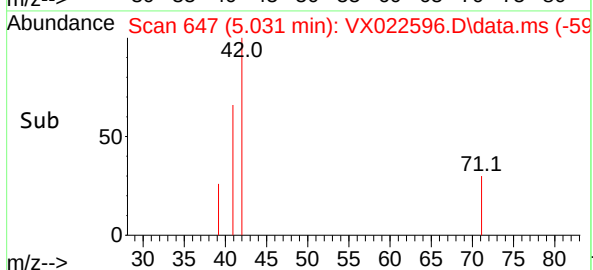
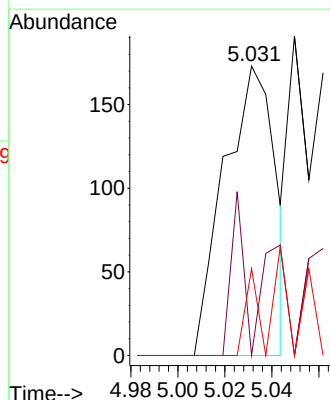
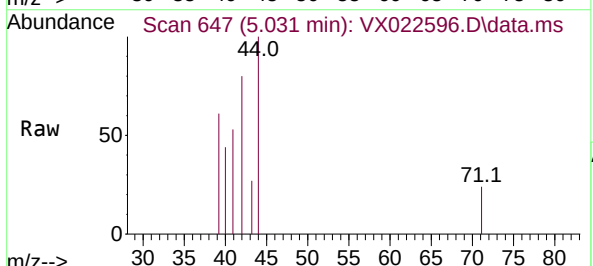
Tgt Ion: 42 Resp: 261

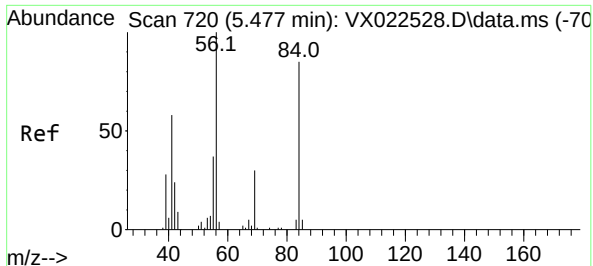
Ion Ratio Lower Upper

42 100

72 13.8 41.7 62.5#

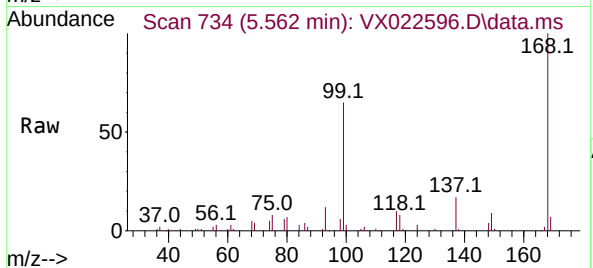
71 7.3 38.4 57.6#



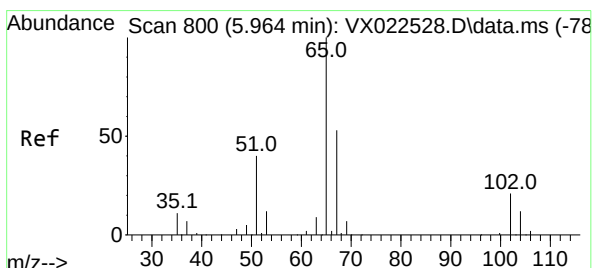
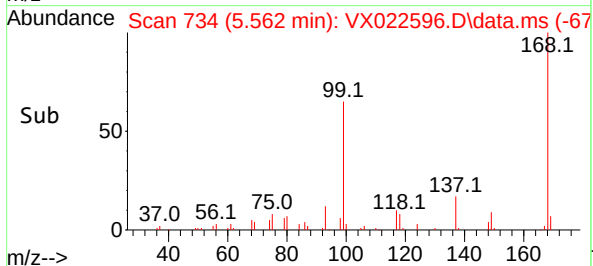
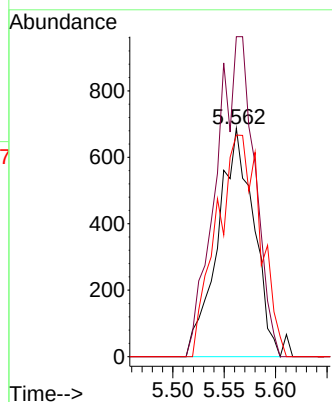


#31
Cyclohexane
Concen: 1.409 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Instrument :
MSVOA_X
ClientSampled :

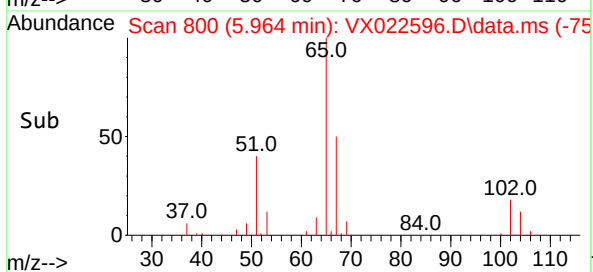
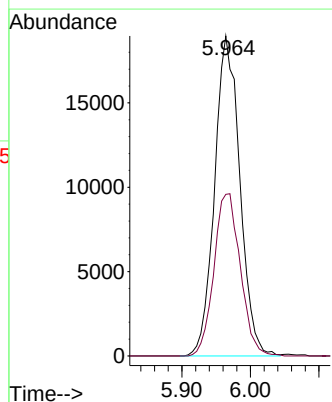
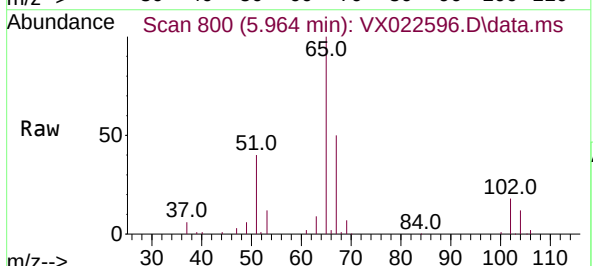


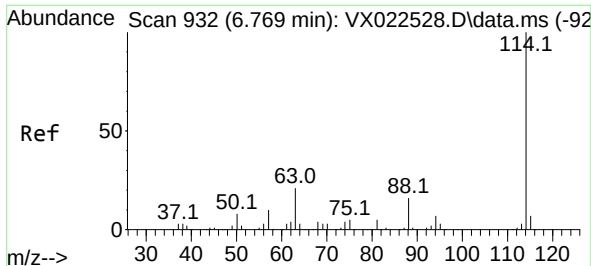
Tgt Ion: 56 Resp: 1671
Ion Ratio Lower Upper
56 100
69 140.2 25.3 37.9#
84 97.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.360 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion: 65 Resp: 48483
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

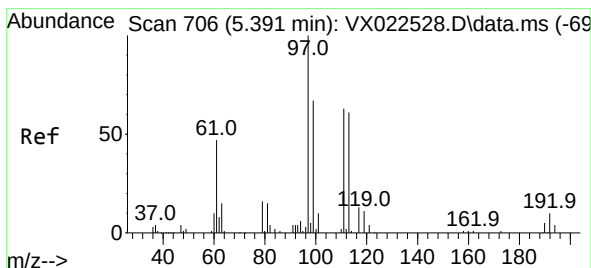
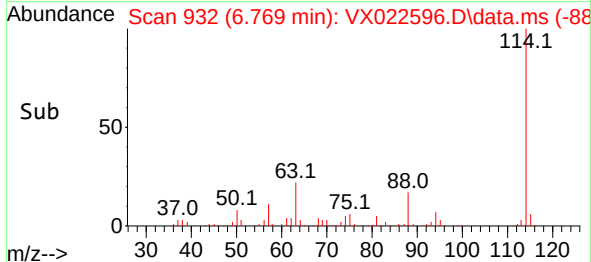
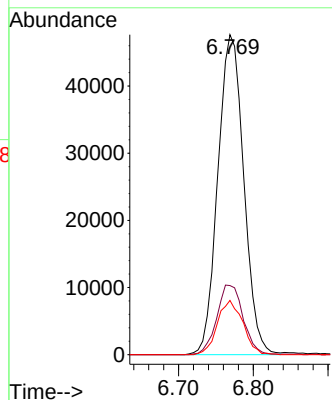
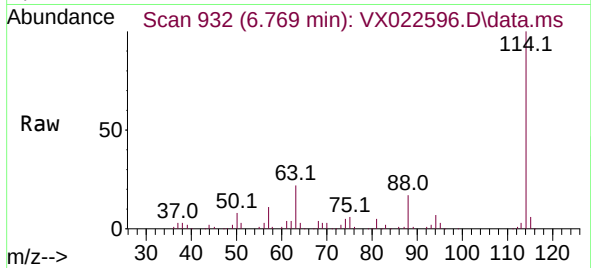




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

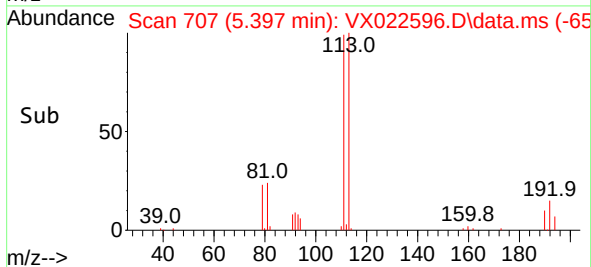
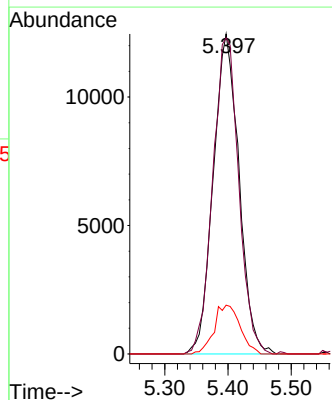
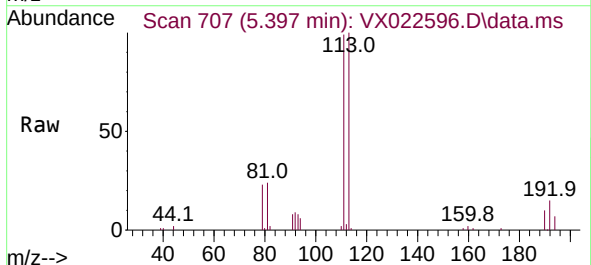
Instrument :
MSVOA_X
ClientSampled :

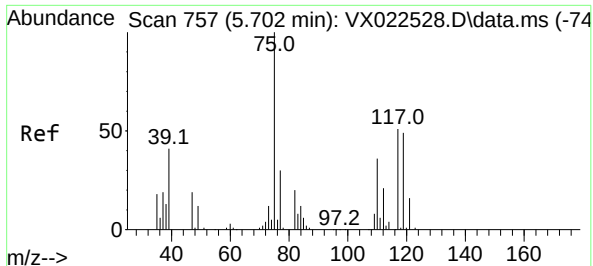
Tgt Ion:114 Resp: 115024
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.812 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion:113 Resp: 35128
Ion Ratio Lower Upper
113 100
111 99.5 81.9 122.9
192 15.4 16.7 25.1#

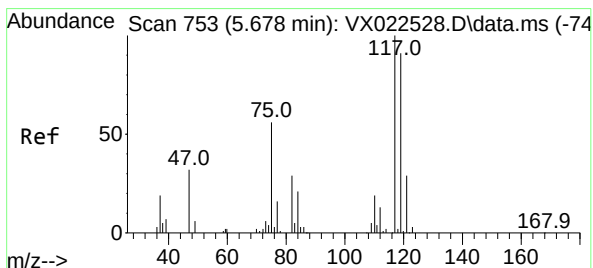
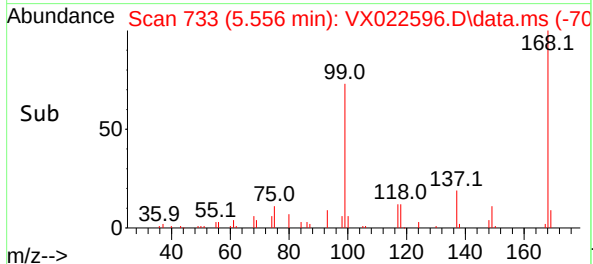
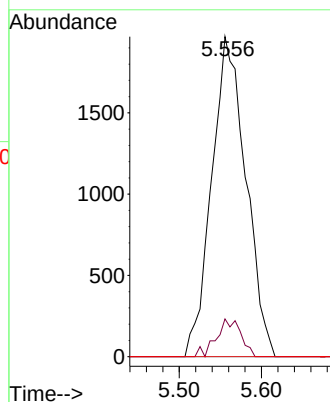
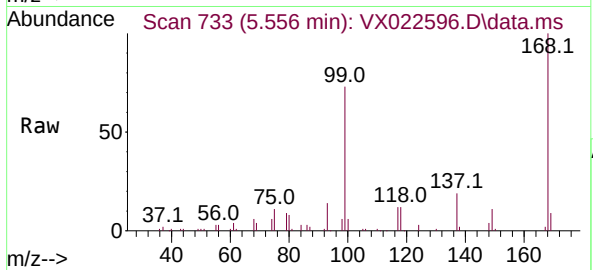




#36
1,1-Dichloropropene
Concen: 5.109 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

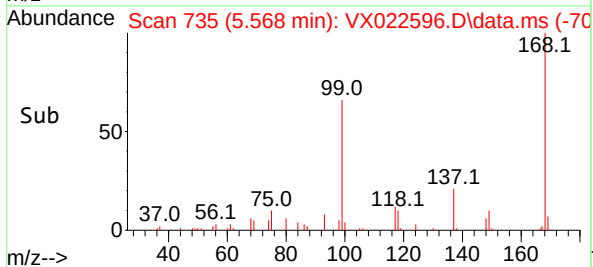
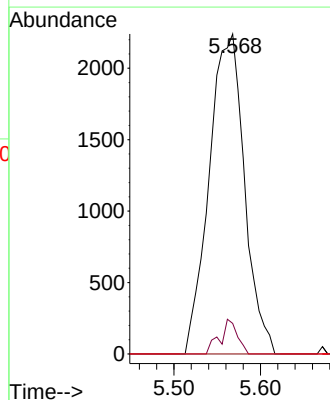
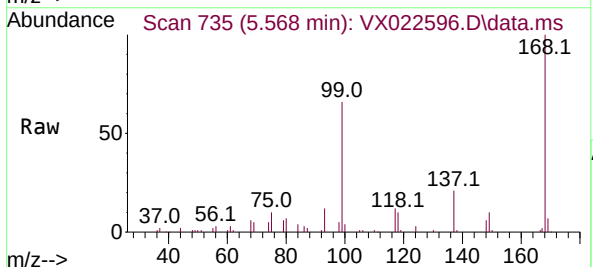
Instrument :
MSVOA_X
ClientSampled :

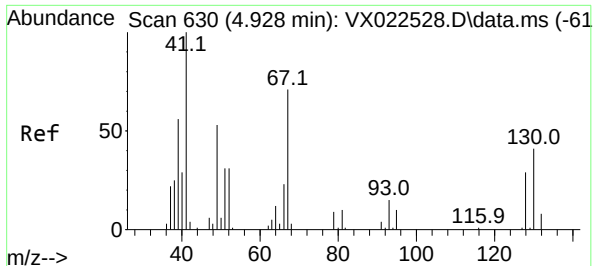
Tgt Ion: 75 Resp: 5685
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.972 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion: 117 Resp: 6348
Ion Ratio Lower Upper
117 100
119 9.6 76.2 114.2#
121 0.0 24.8 37.2#

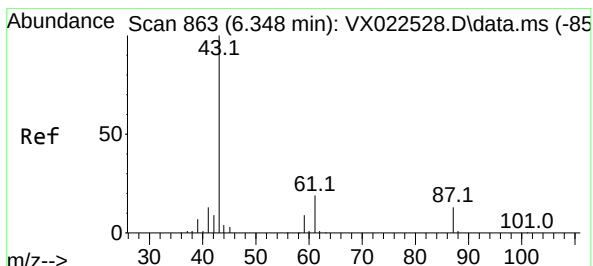
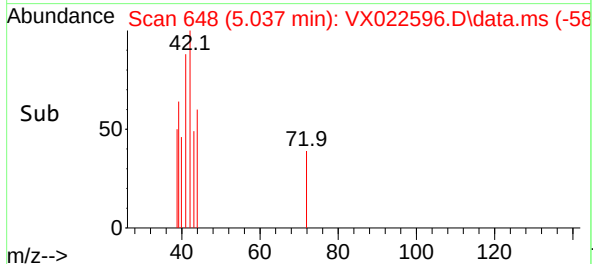
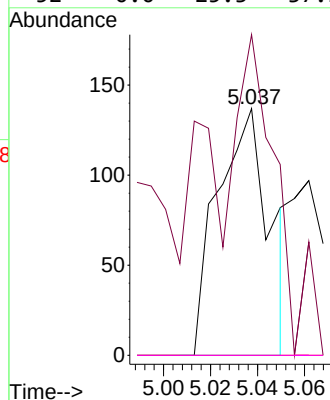
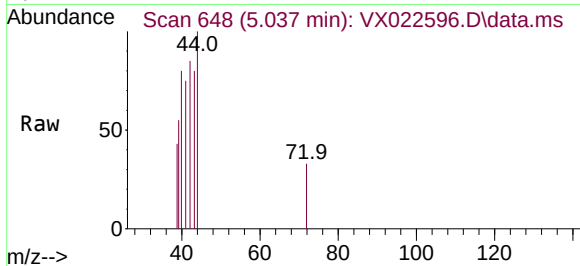




#41
Methacrylonitrile
Concen: 0.269 ug/l
RT: 5.037 min Scan# 648
Delta R.T. 0.109 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

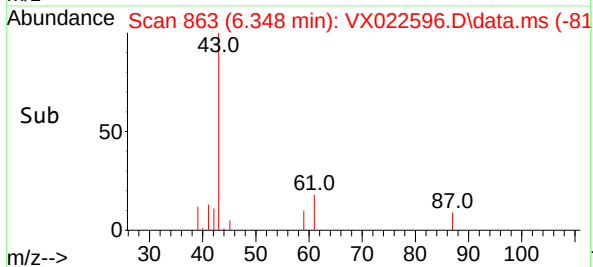
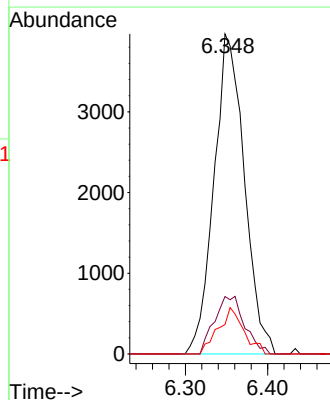
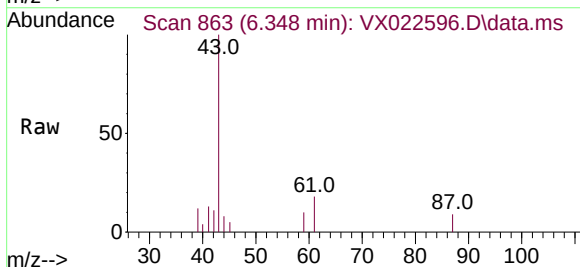
Instrument :
MSVOA_X
ClientSampled :

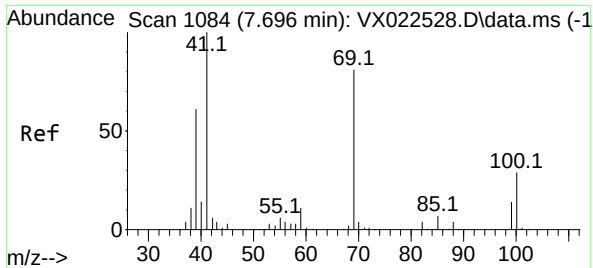
Tgt Ion:	41	Resp:	211
Ion	Ratio	Lower	Upper
41	100		
39	92.9	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 4.394 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion:	43	Resp:	10172
Ion	Ratio	Lower	Upper
43	100		
61	17.9	18.2	27.4#
87	12.1	12.5	18.7#

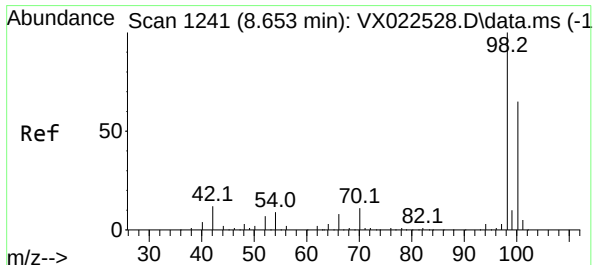
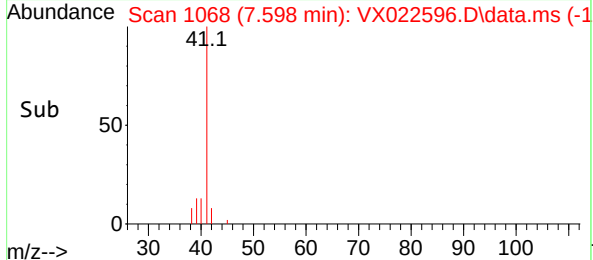
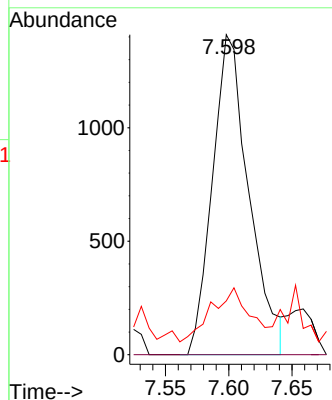
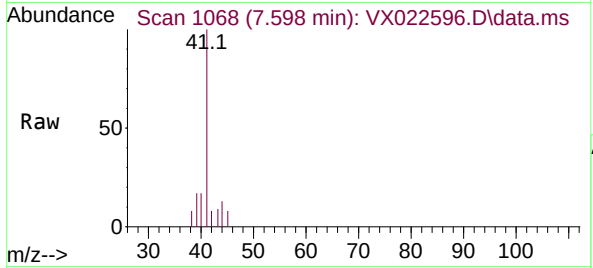




#48
Methyl methacrylate
Concen: 2.621 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

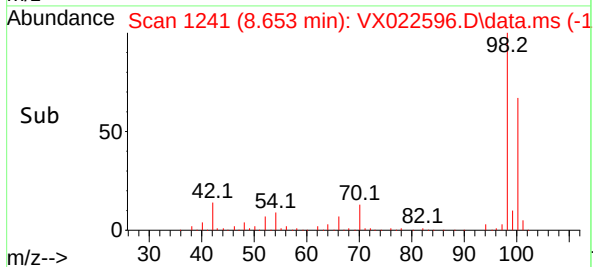
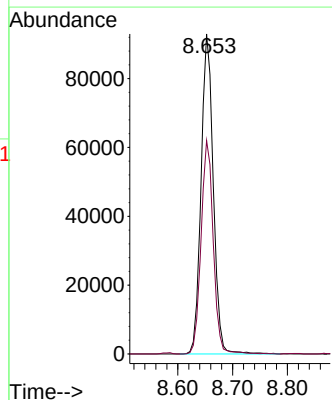
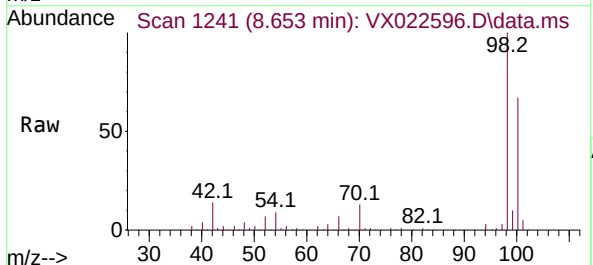
Instrument :
MSVOA_X
ClientSampled :

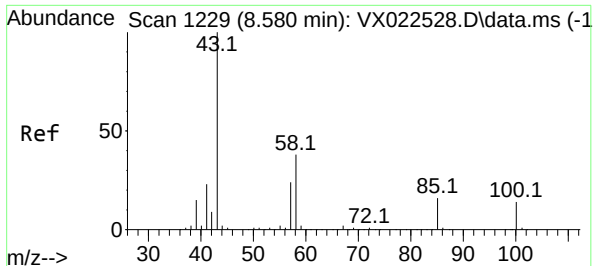
Tgt Ion: 41 Resp: 2824
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.155 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion: 98 Resp: 144019
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

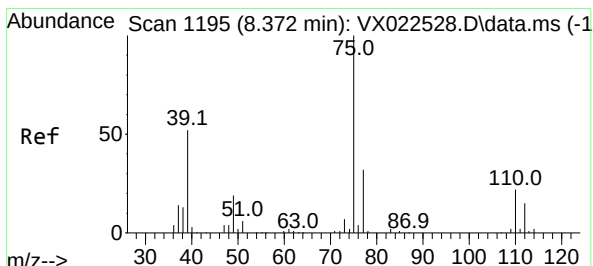
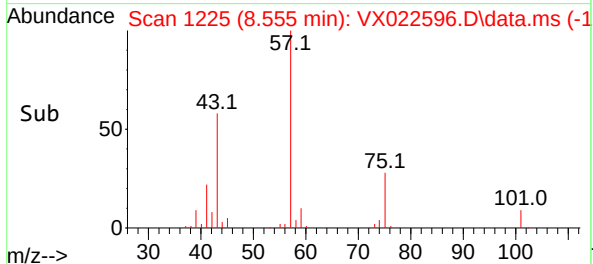
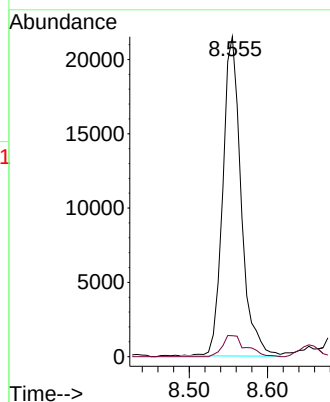
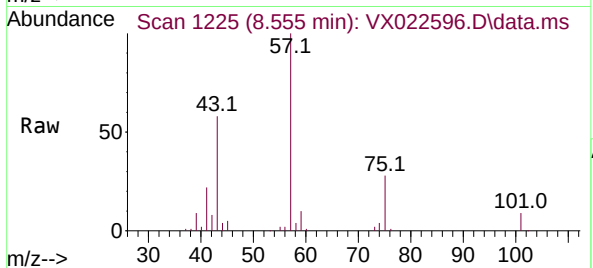




#51
4-Methyl-2-Pentanone
Concen: 24.268 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

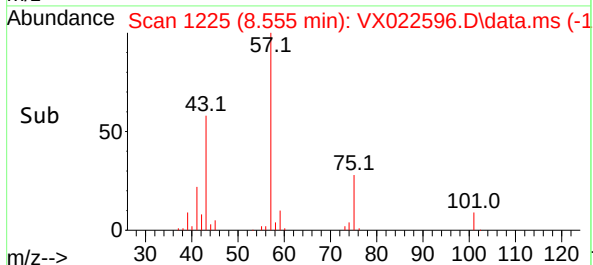
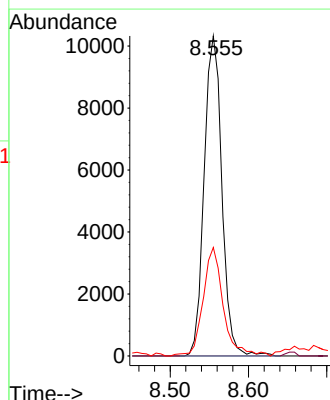
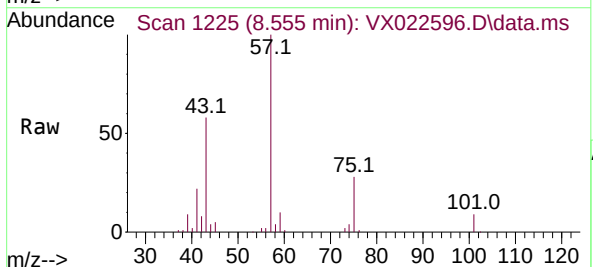
Instrument :
MSVOA_X
ClientSampled :

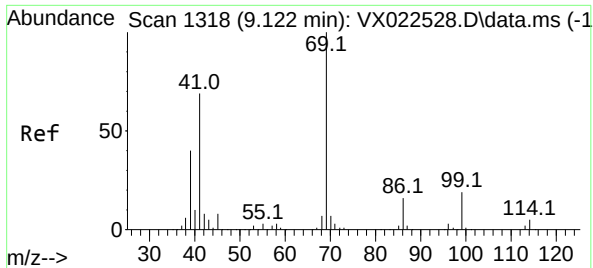
Tgt Ion: 43 Resp: 35003
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 12.724 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion: 75 Resp: 16226
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 33.3 35.1 52.7#

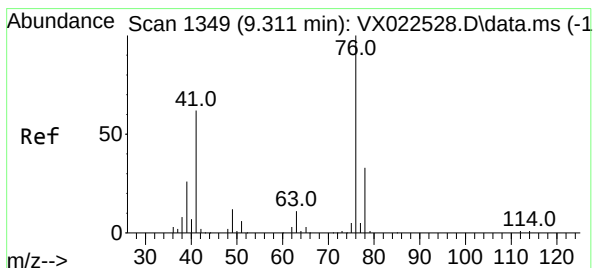
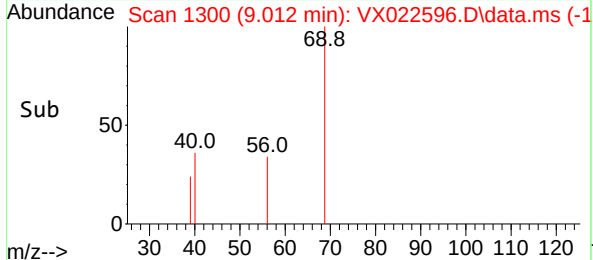
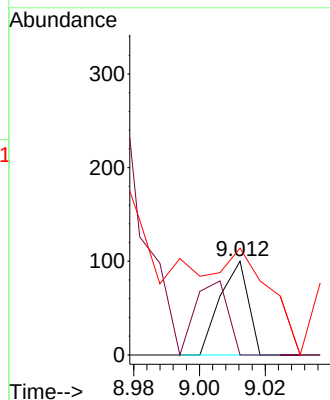
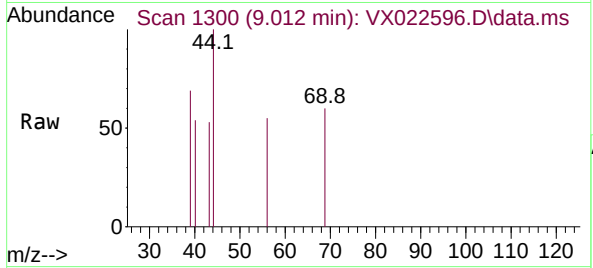




#56
Ethyl methacrylate
Concen: 2.737 ug/l
RT: 9.012 min Scan# 1300
Delta R.T. -0.110 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

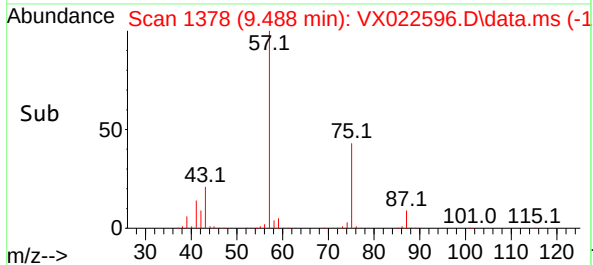
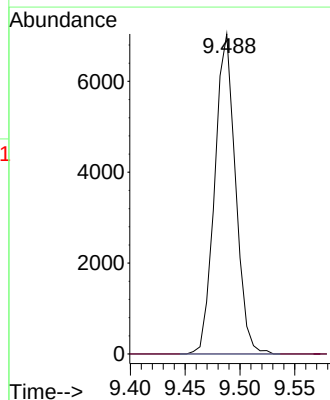
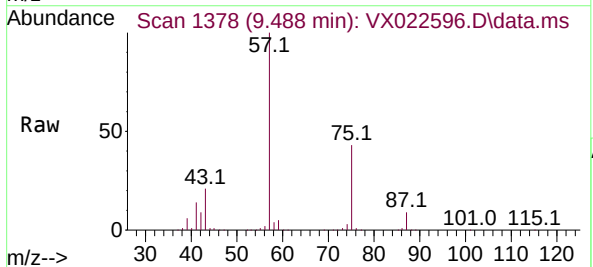
Instrument :
MSVOA_X
ClientSampled :

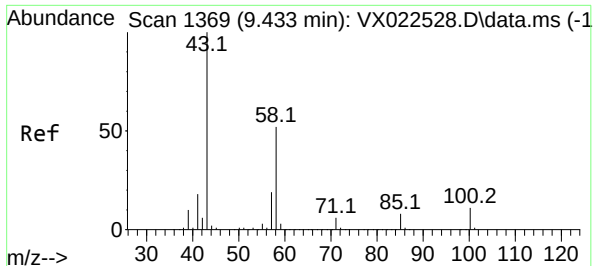
Tgt Ion: 69 Resp: 60
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.123 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion: 76 Resp: 9301
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

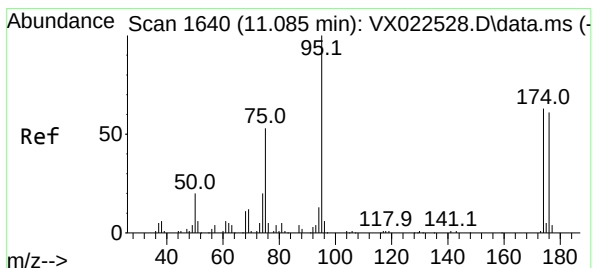
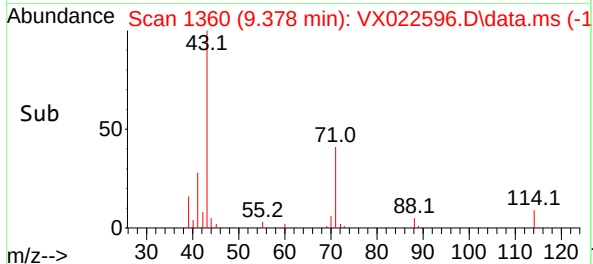
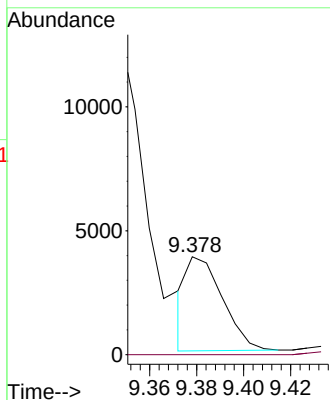
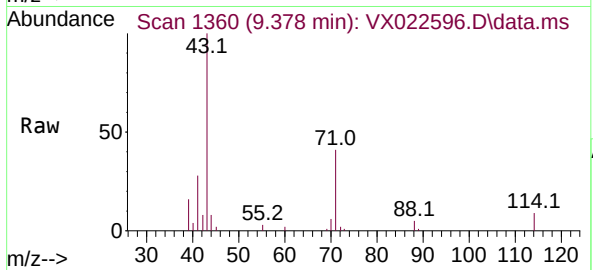




#59
2-Hexanone
Concen: 3.658 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

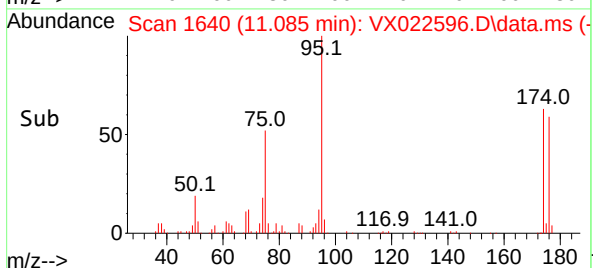
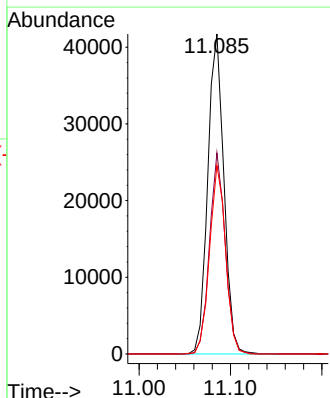
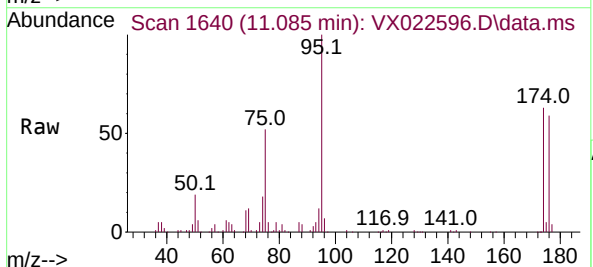
Instrument :
MSVOA_X
ClientSampled :

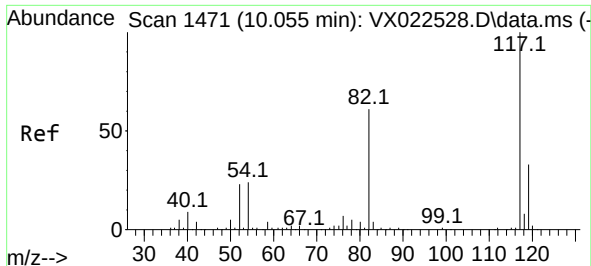
Tgt Ion: 43 Resp: 4031
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.741 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion: 95 Resp: 50955
Ion Ratio Lower Upper
95 100
174 61.1 0.0 154.6
176 58.4 0.0 155.8

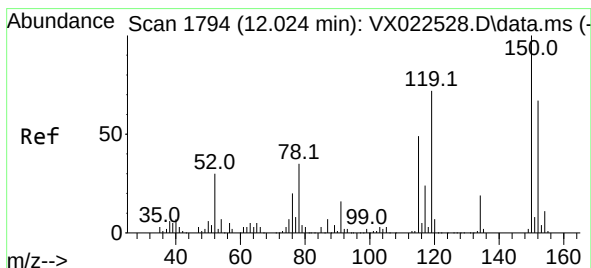
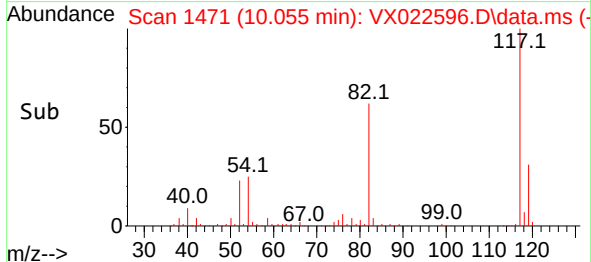
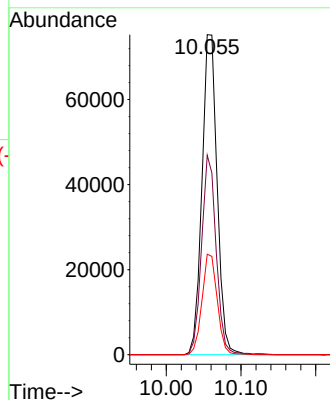
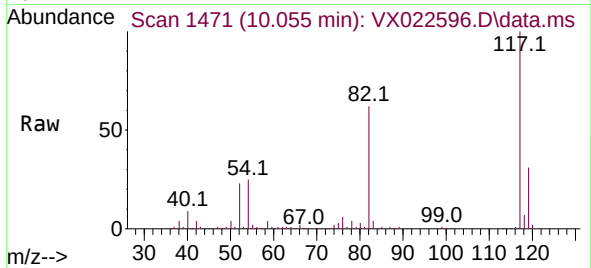




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

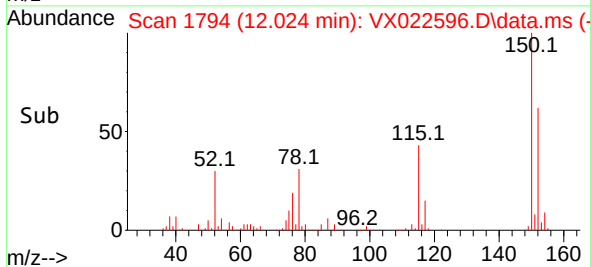
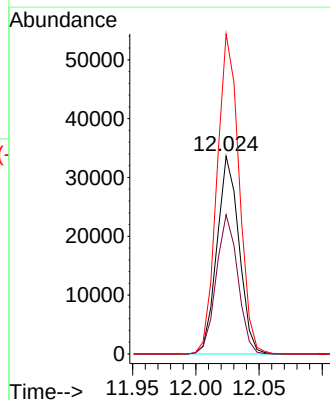
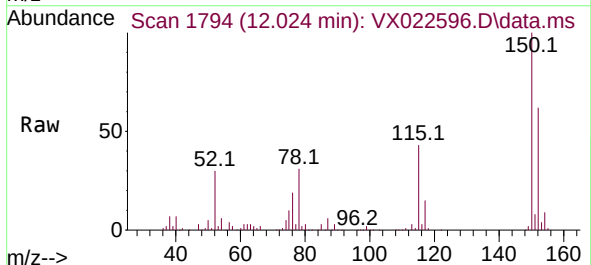
Instrument :
MSVOA_X
ClientSampled :

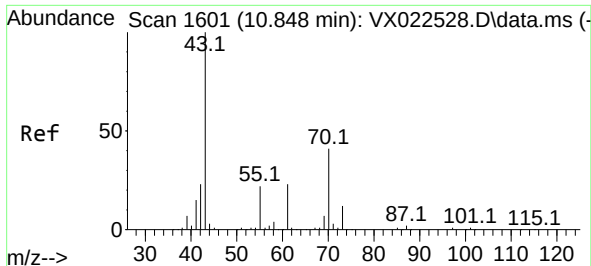
Tgt Ion:117 Resp: 106239
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

Tgt Ion:152 Resp: 40606
Ion Ratio Lower Upper
152 100
115 69.1 41.1 123.3
150 162.2 0.0 349.0

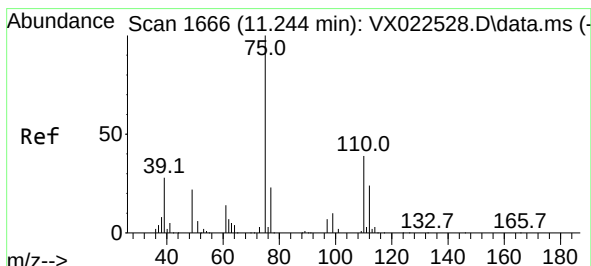
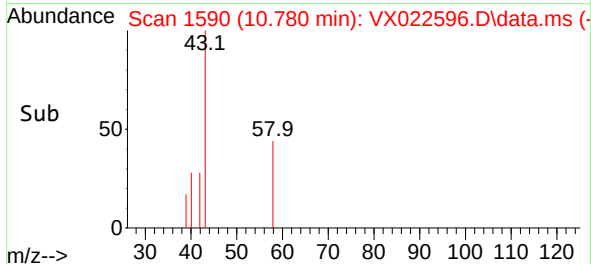
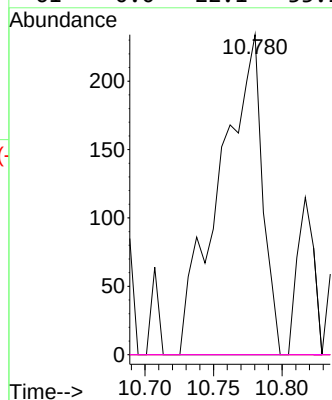
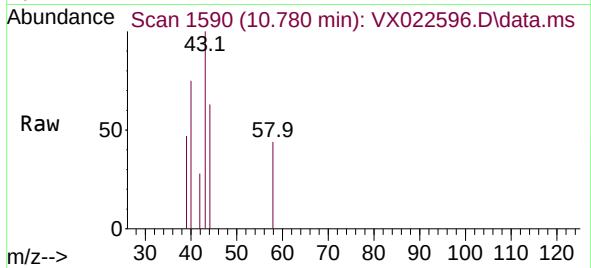




#74
N-amy1 acetate
Concen: 0.283 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.068 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

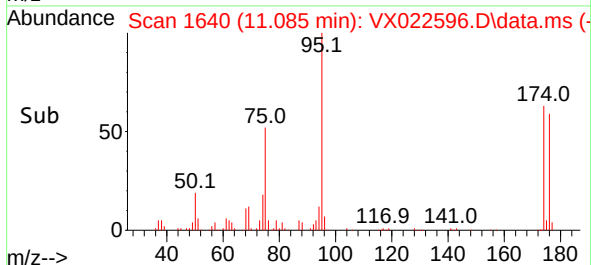
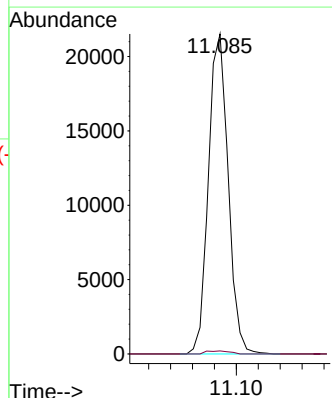
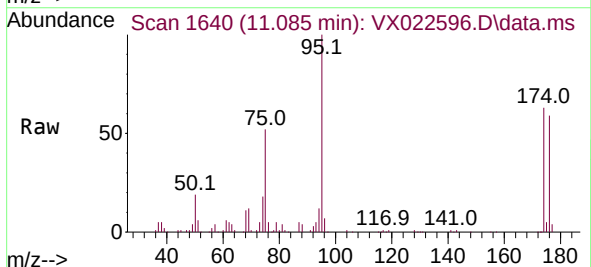
Instrument :
MSVOA_X
ClientSampled :

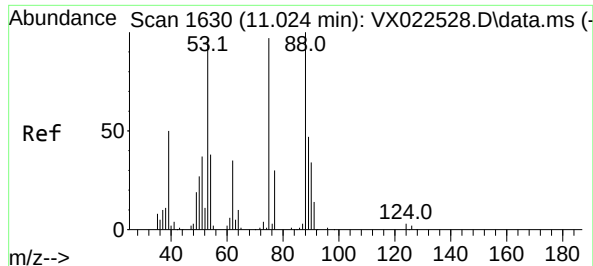
Tgt Ion: 43	Resp: 503
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 25.543 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022596.D
Acq: 09 Jun 2021 04:40

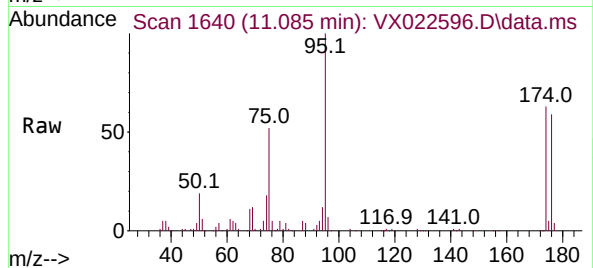
Tgt Ion: 75	Resp: 26870
Ion Ratio	Lower Upper
75	100
77	1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.084 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022596.D
 Acq: 09 Jun 2021 04:40

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 26870
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

