

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023069.D
 Acq On : 01 Jul 2021 06:14
 Operator : JC/MD
 Sample : M2829-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 07:05:41 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)

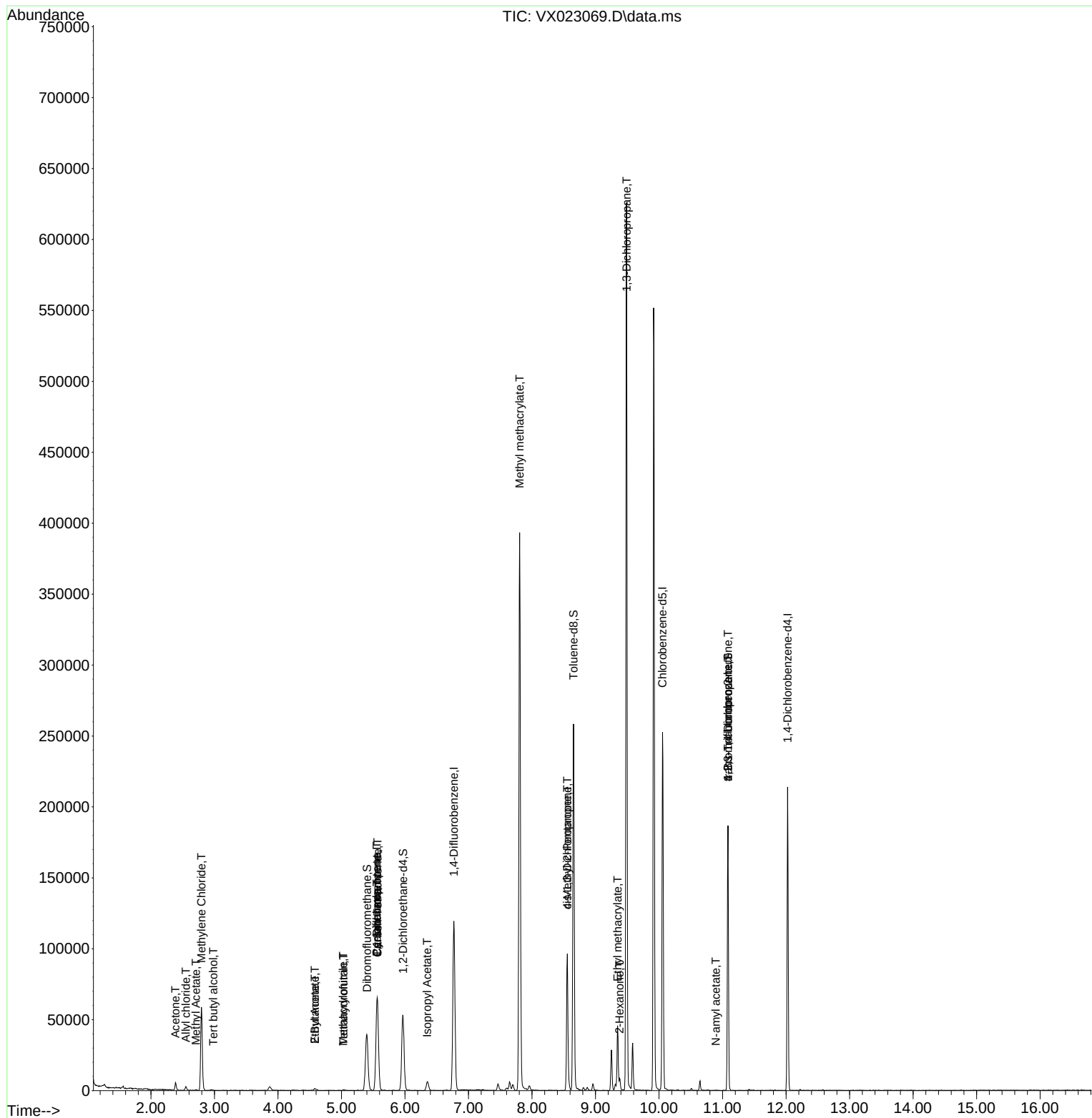
Internal Standards						
1) Pentafluorobenzene	5.556	168	52569	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111547	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	50221	52.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.280%	
35) Dibromofluoromethane	5.403	113	33543	47.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.700%	
50) Toluene-d8	8.653	98	138857	50.018	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	11.085	95	47725	46.063	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	60	0.302	ug/l	# 73
14) Allyl chloride	2.550	41	289	0.223	ug/l	# 64
16) Acetone	2.386	43	5283	12.491	ug/l	# 81
18) Methyl Acetate	2.709	43	623	0.599	ug/l	# 47
20) Methylene Chloride	2.794	84	24017	28.791	ug/l	# 84
25) 2-Butanone	4.580	43	1420	2.159	ug/l	# 45
29) Tetrahydrofuran	5.031	42	206	0.487	ug/l	# 27
31) Cyclohexane	5.556	56	1648	1.224	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	5837	4.927	ug/l	# 48
37) Ethyl Acetate	4.580	43	1420	1.035	ug/l	# 64
38) Carbon Tetrachloride	5.568	117	6453	6.494	ug/l	# 17
41) Methacrylonitrile	5.025	41	192	0.254	ug/l	# 34
43) Isopropyl Acetate	6.348	43	8597	3.896	ug/l	# 90
48) Methyl methacrylate	7.805	41	35917	35.171	ug/l	# 37
51) 4-Methyl-2-Pentanone	8.555	43	33853	24.651	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	14341	11.661	ug/l	# 68
56) Ethyl methacrylate	9.348	69	276	2.750	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	4893	3.248	ug/l	# 42
59) 2-Hexanone	9.378	43	5270	5.058	ug/l	# 19
74) N-amyl acetate	10.896	43	64	2.090	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	27384	28.554	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27384	73.594	ug/l	# 12

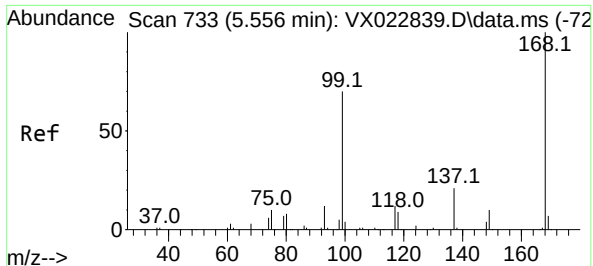
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

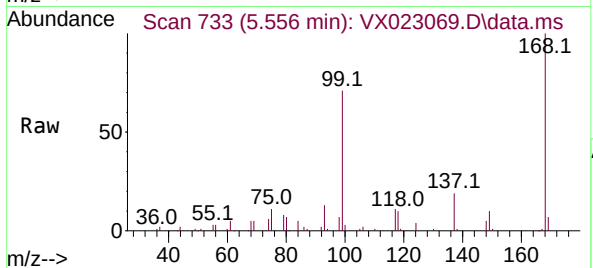
Quant Time: Jul 01 07:05:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



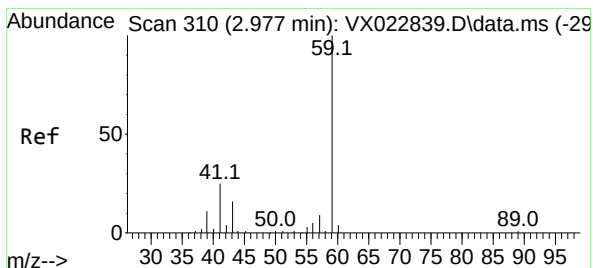
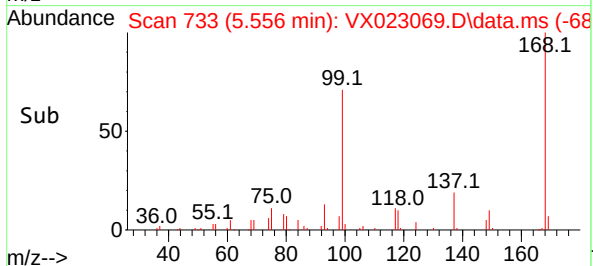
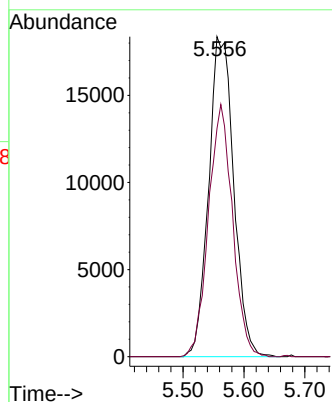


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Instrument :
MSVOA_X
ClientSampled :

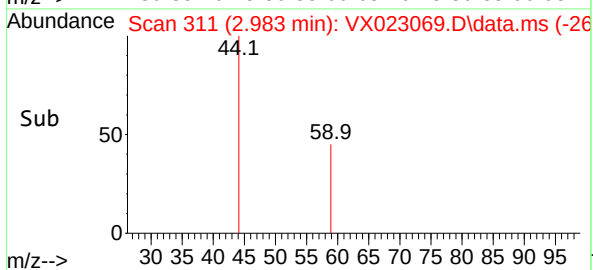
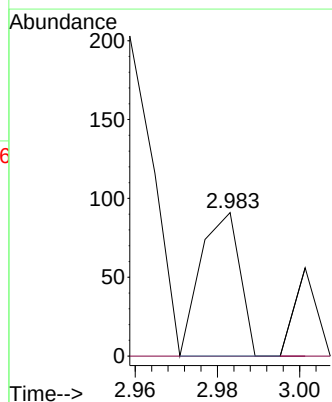
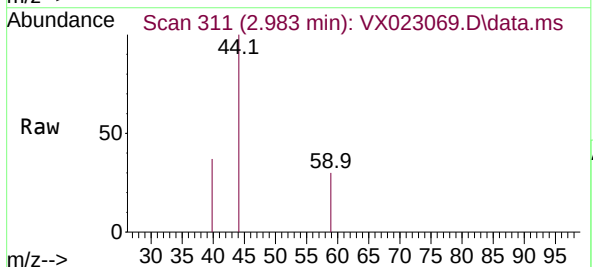


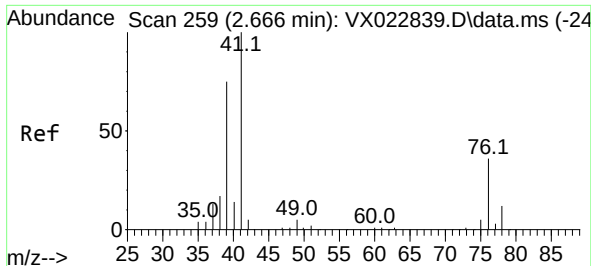
Tgt Ion:168 Resp: 52569
Ion Ratio Lower Upper
168 100
99 71.3 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.302 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

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





#14

Allyl chloride

Concen: 0.223 ug/l

RT: 2.550 min Scan# 240

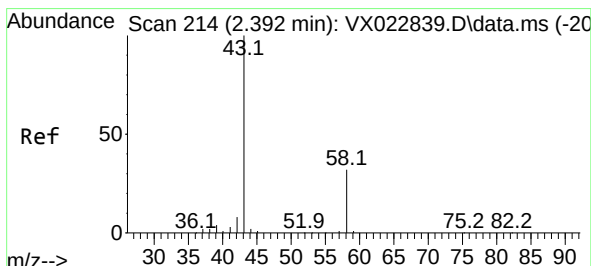
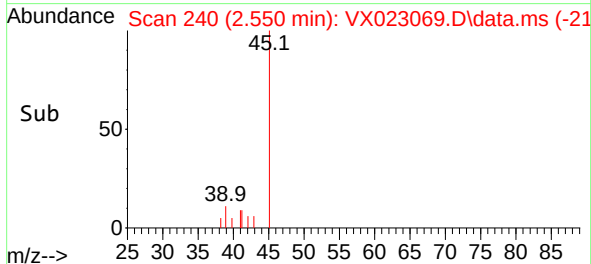
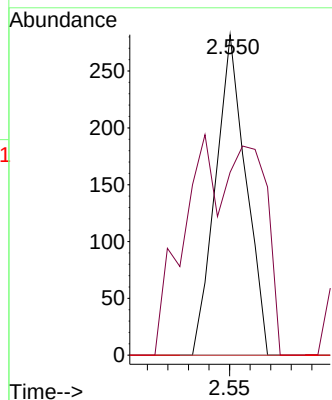
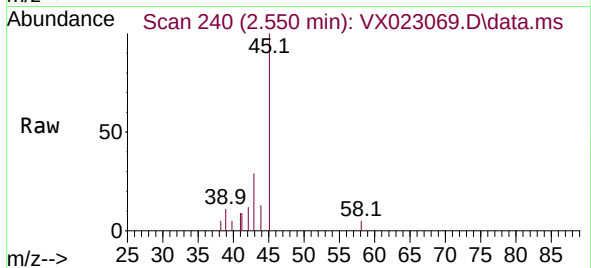
Delta R.T. -0.116 min

Lab File: VX023069.D

Acq: 01 Jul 2021 06:14

Tgt Ion:	41	Resp:	289
Ion	Ratio	Lower	Upper
41	100		
39	80.6	51.6	77.4#
76	0.0	30.5	45.7#

Instrument :
MSVOA_X
ClientSampleId :



#16

Acetone

Concen: 12.491 ug/l

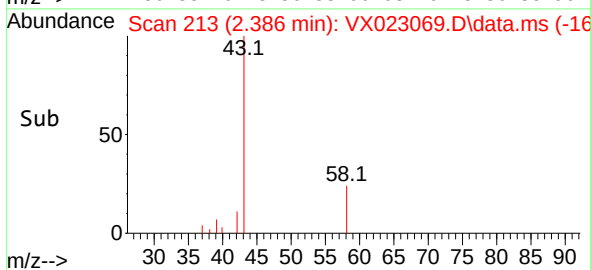
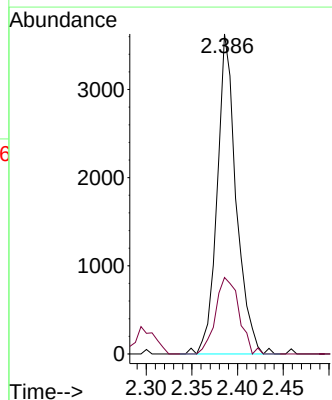
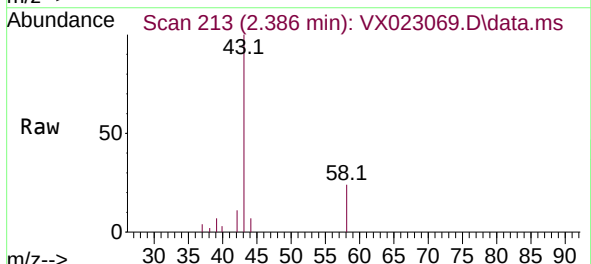
RT: 2.386 min Scan# 213

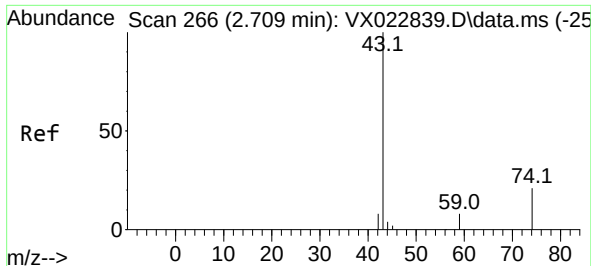
Delta R.T. -0.006 min

Lab File: VX023069.D

Acq: 01 Jul 2021 06:14

Tgt Ion:	43	Resp:	5283
Ion	Ratio	Lower	Upper
43	100		
58	23.9	27.8	41.8#

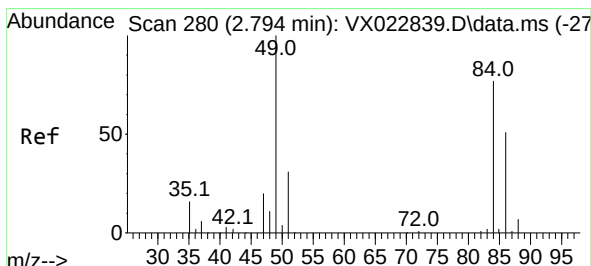
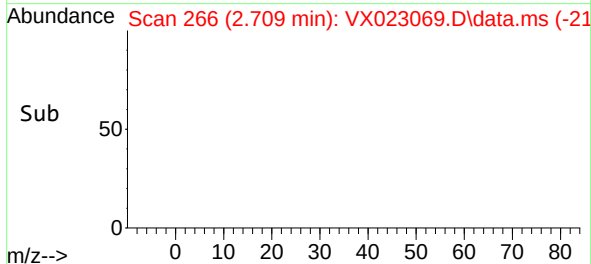
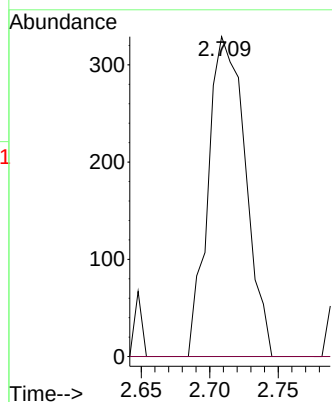
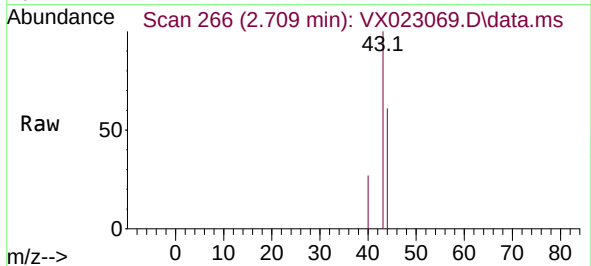




#18
Methyl Acetate
Concen: 0.599 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

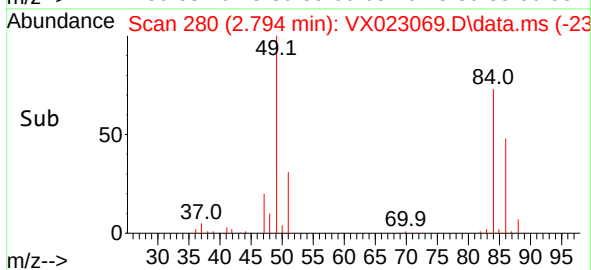
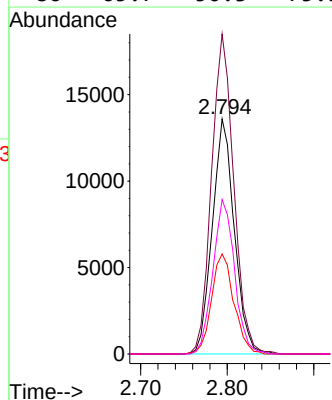
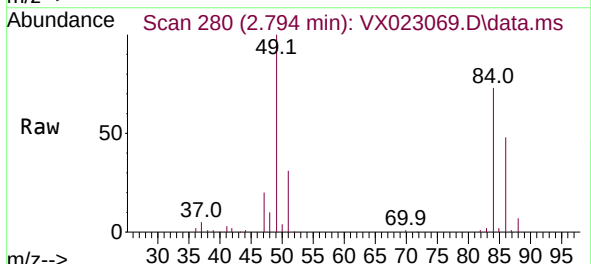
Instrument :
MSVOA_X
ClientSampled :

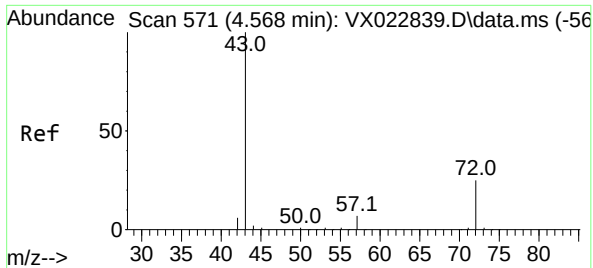
Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 28.791 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Tgt Ion: 84 Resp: 24017
Ion Ratio Lower Upper
84 100
49 136.1 88.6 132.8#
51 42.5 27.0 40.6#
86 65.7 50.3 75.5

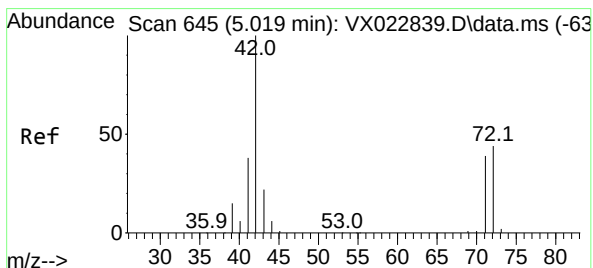
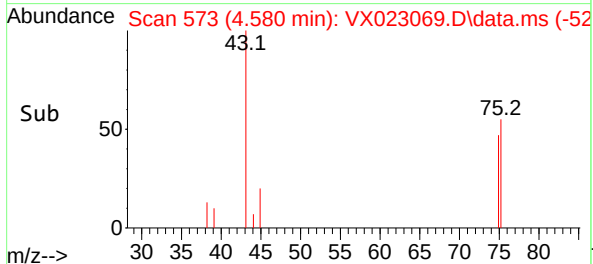
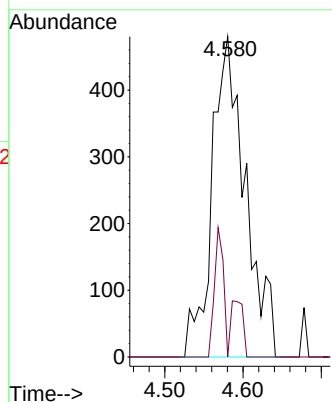
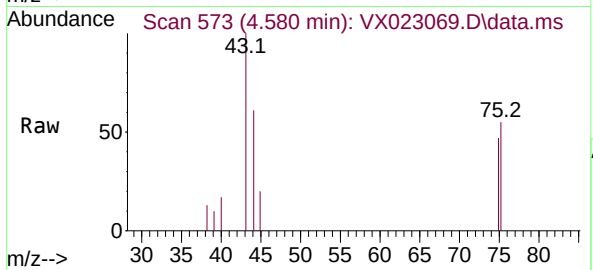




#25
2-Butanone
Concen: 2.159 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

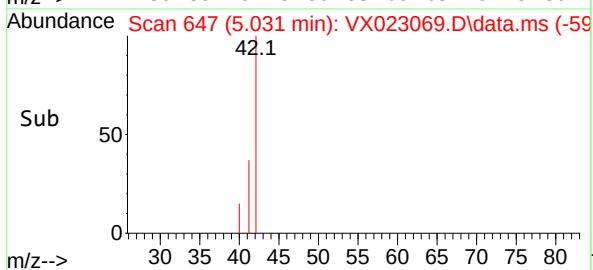
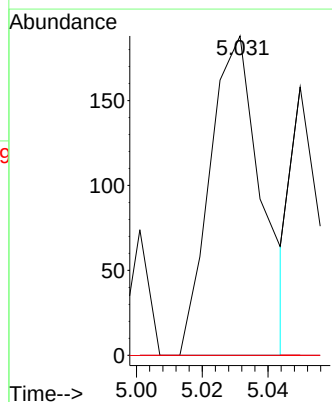
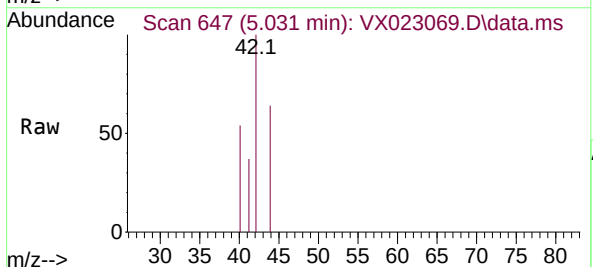
Instrument :
MSVOA_X
ClientSampled :

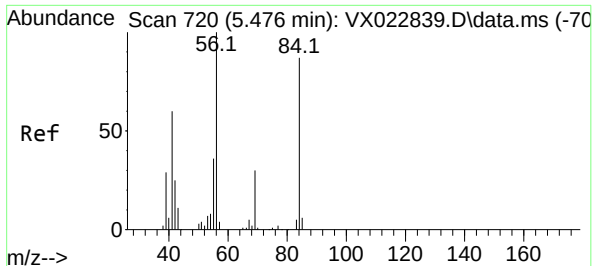
Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.487 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.012 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

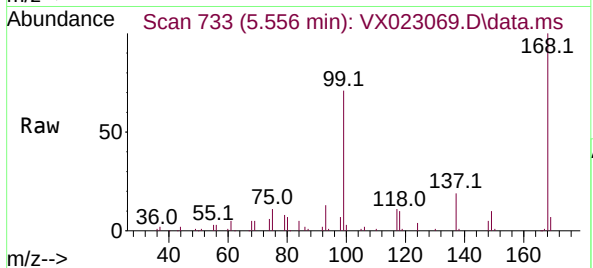
Tgt Ion: 42 Resp: 206
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



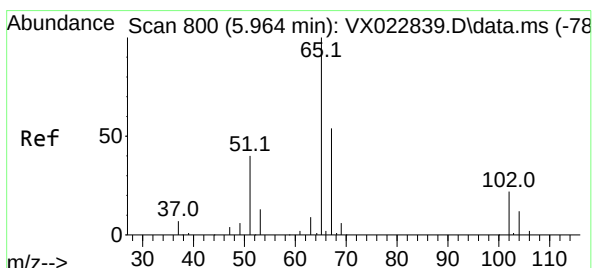
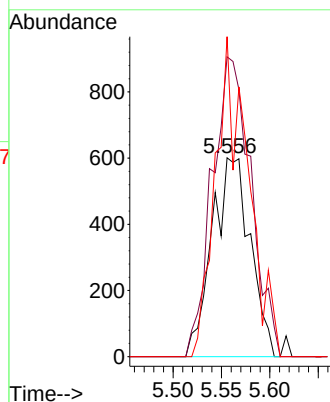
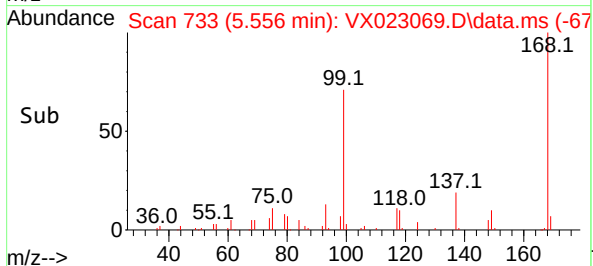


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

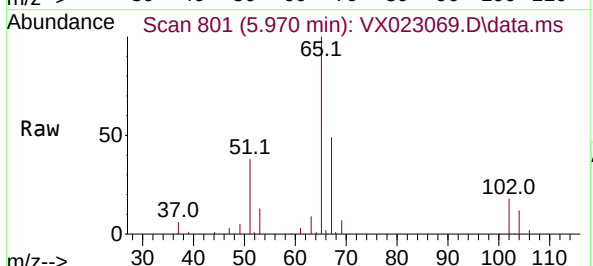
Instrument :
MSVOA_X
ClientSampleId :



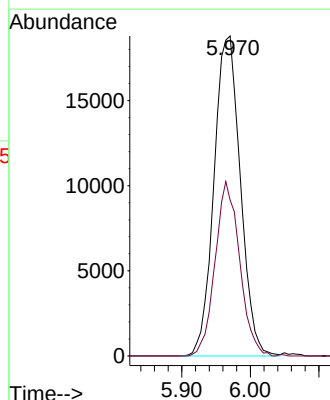
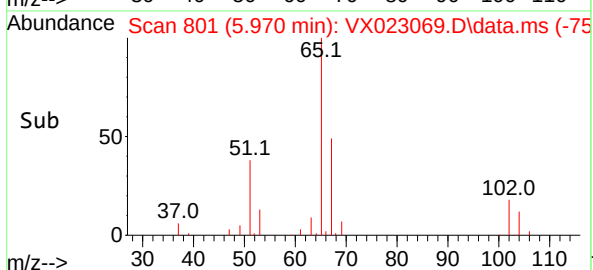
Tgt Ion: 56 Resp: 1648
Ion Ratio Lower Upper
56 100
69 150.7 25.3 37.9#
84 160.9 71.4 107.0#

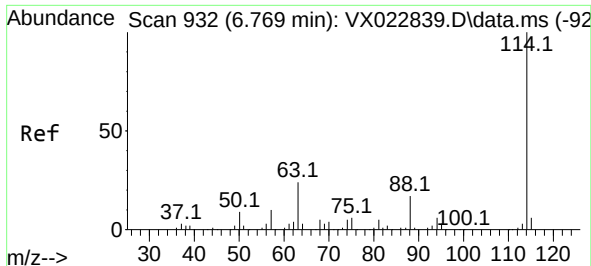


#33
1,2-Dichloroethane-d4
Concen: 52.642 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14



Tgt Ion: 65 Resp: 50221
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

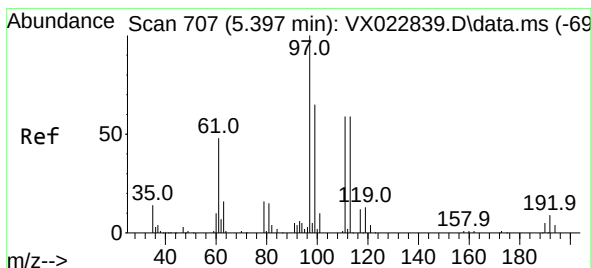
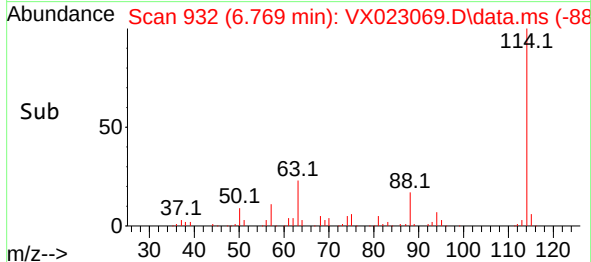
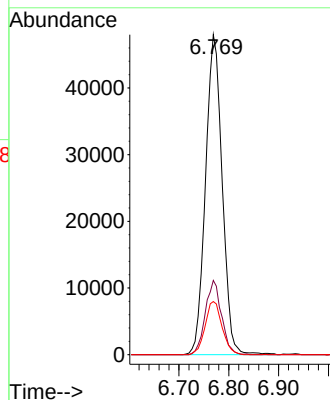
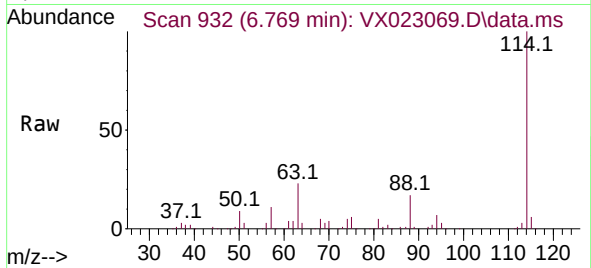




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

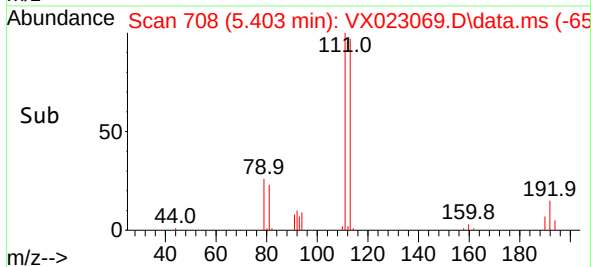
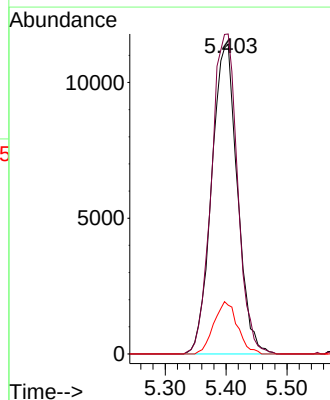
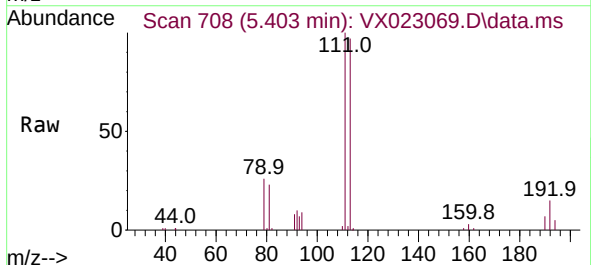
Instrument :
MSVOA_X
ClientSampled :

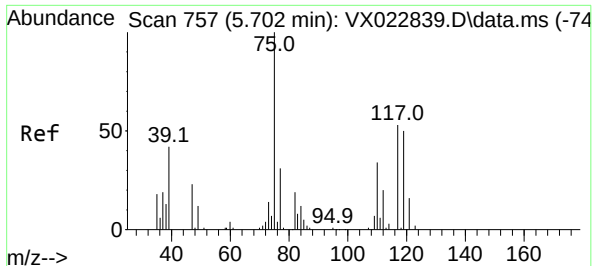
Tgt Ion:114 Resp: 111547
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.354 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Tgt Ion:113 Resp: 33543
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 15.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.927 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023069.D

Acq: 01 Jul 2021 06:14

Tgt Ion: 75 Resp: 5837

Ion Ratio Lower Upper

75 100

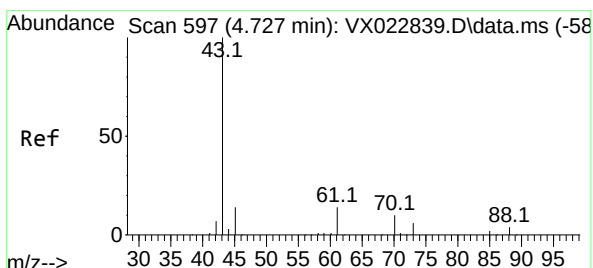
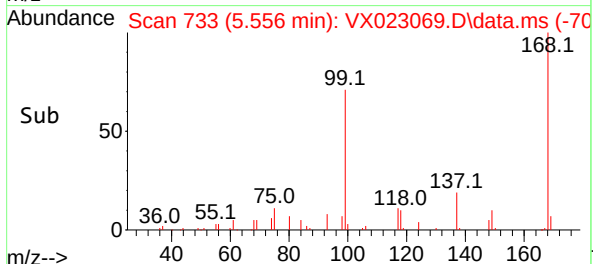
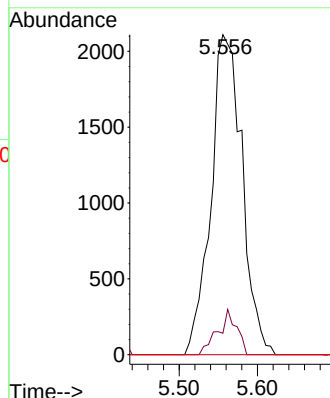
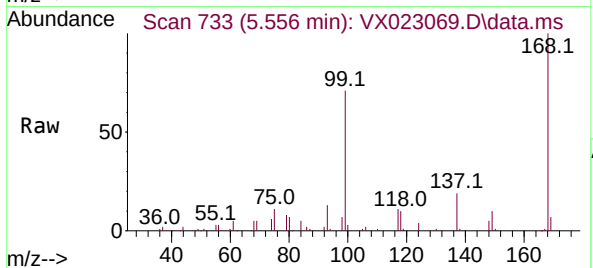
110 8.6 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#37

Ethyl Acetate

Concen: 1.035 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.147 min

Lab File: VX023069.D

Acq: 01 Jul 2021 06:14

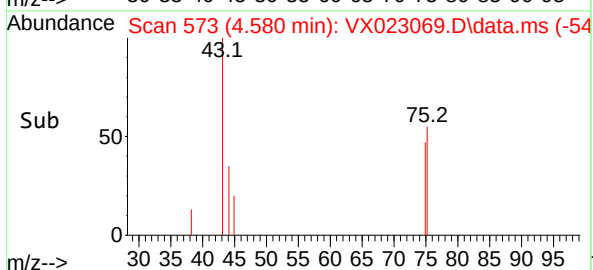
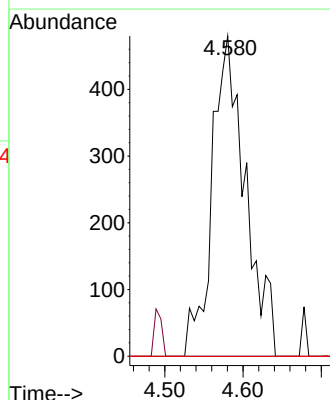
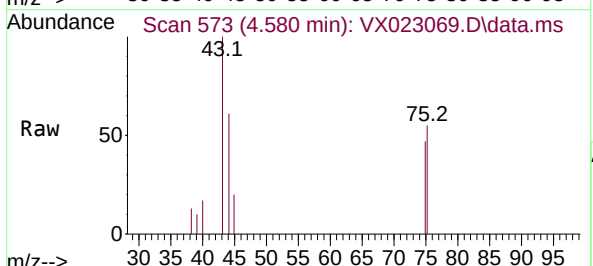
Tgt Ion: 43 Resp: 1420

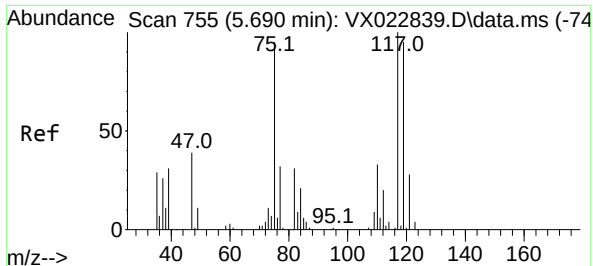
Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

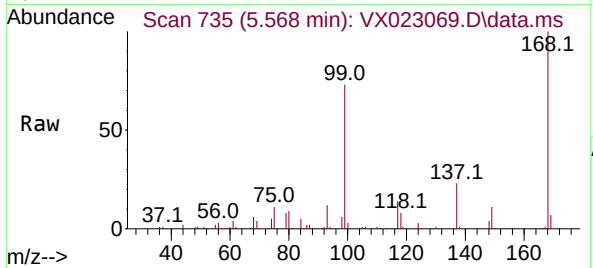
70 0.0 10.5 15.7#



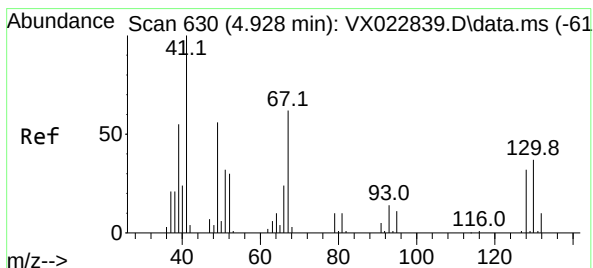
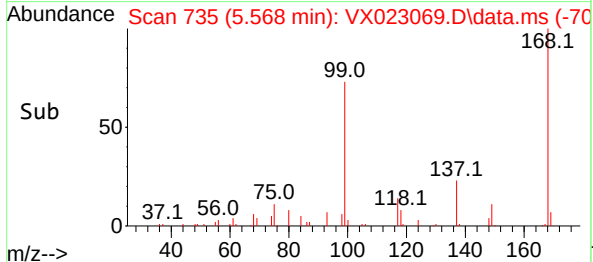
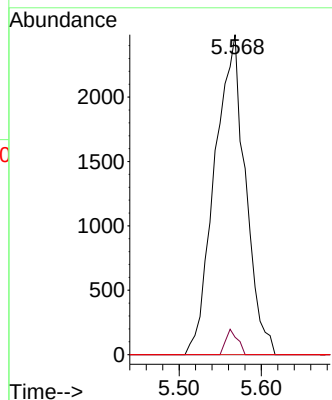


#38
Carbon Tetrachloride
Concen: 6.494 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Instrument :
MSVOA_X
ClientSampled :

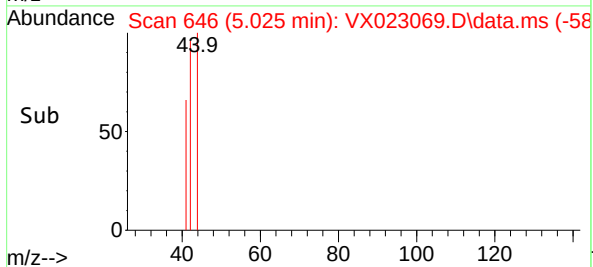
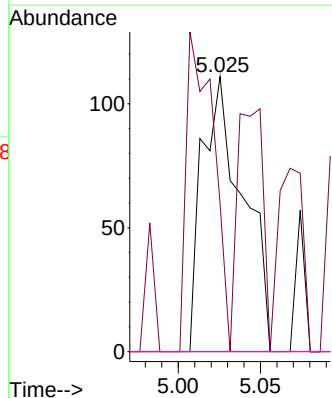
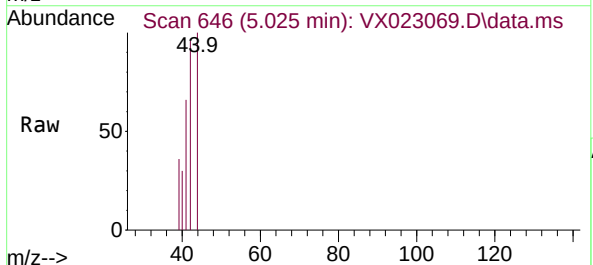


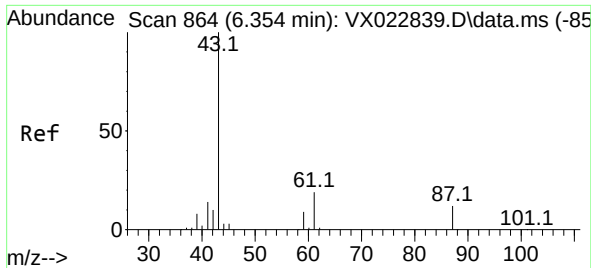
Tgt Ion:117 Resp: 6453
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.254 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Tgt Ion: 41 Resp: 192
Ion Ratio Lower Upper
41 100
39 77.1 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

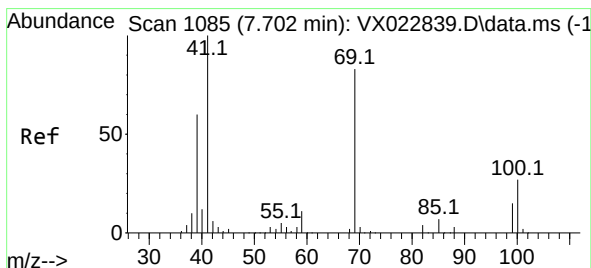
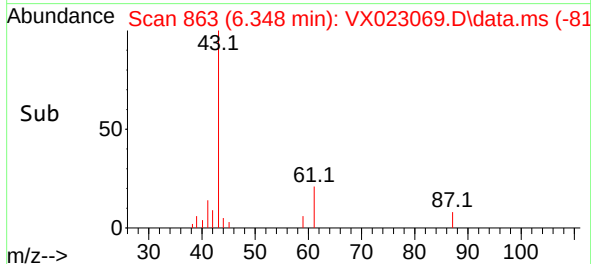
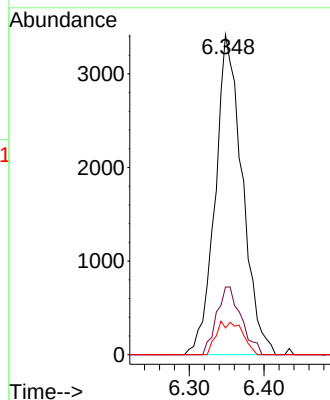
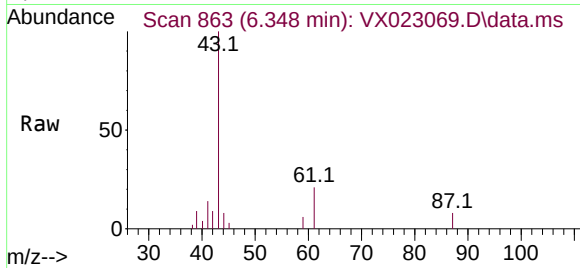




#43
Isopropyl Acetate
Concen: 3.896 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

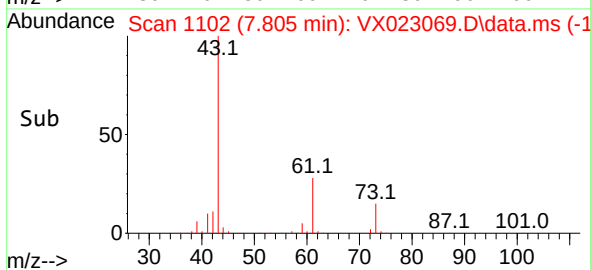
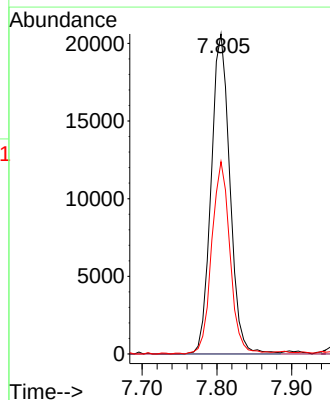
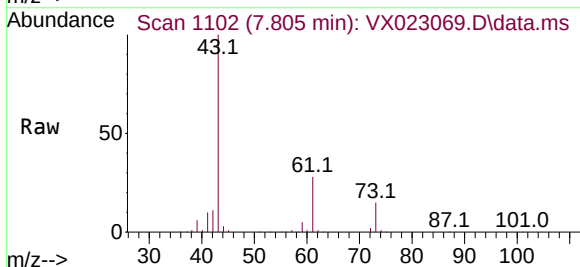
Instrument :
MSVOA_X
ClientSampled :

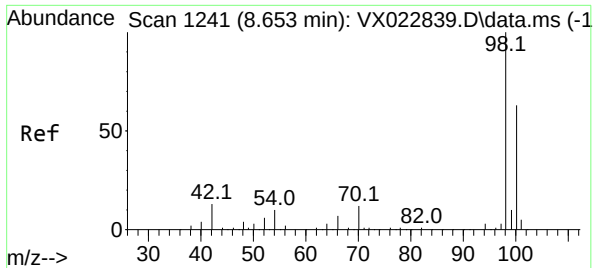
Tgt Ion:	43	Resp:	8597
Ion	Ratio	Lower	Upper
43	100		
61	19.1	18.2	27.4
87	9.9	12.5	18.7#



#48
Methyl methacrylate
Concen: 35.171 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.103 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Tgt Ion:	41	Resp:	35917
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	58.9	44.6	67.0

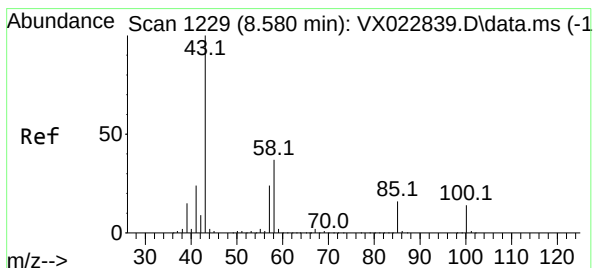
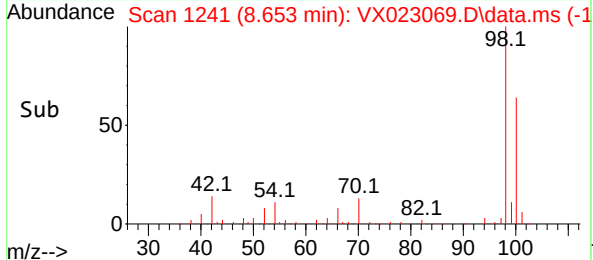
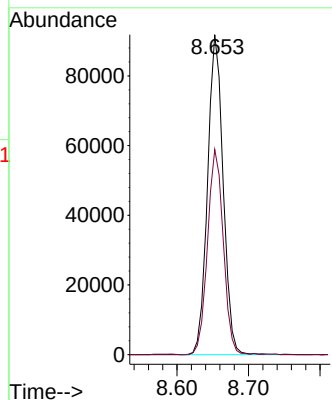
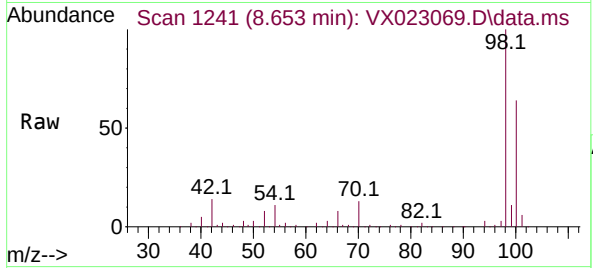




#50
Toluene-d8
Concen: 50.018 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

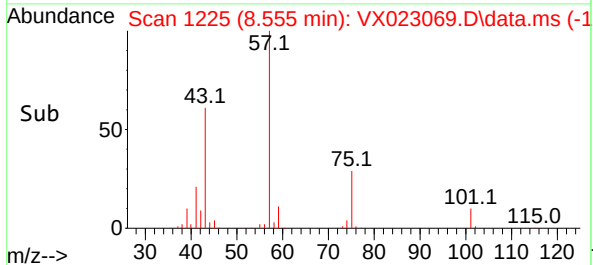
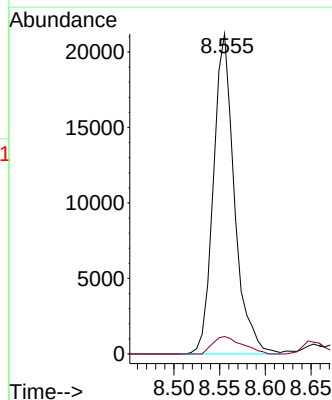
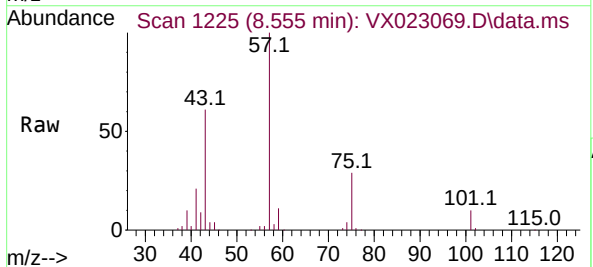
Instrument :
MSVOA_X
ClientSampled :

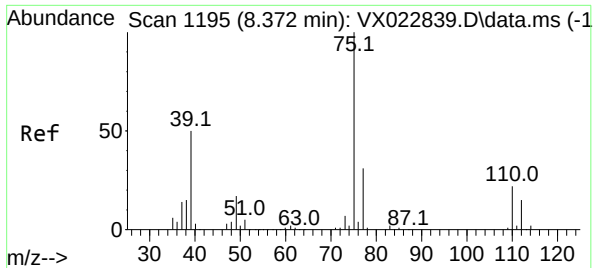
Tgt Ion: 98 Resp: 138857
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 24.651 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Tgt Ion: 43 Resp: 33853
Ion Ratio Lower Upper
43 100
58 7.6 35.4 53.0#

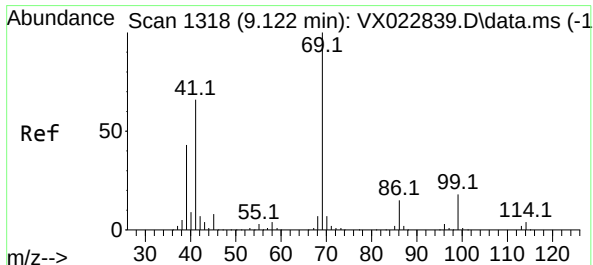
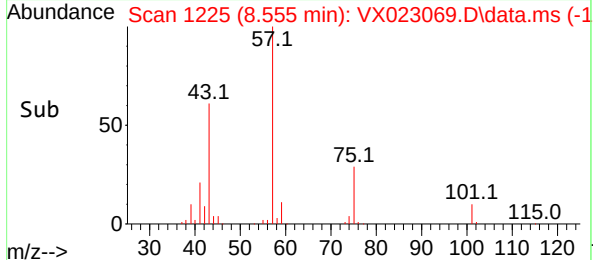
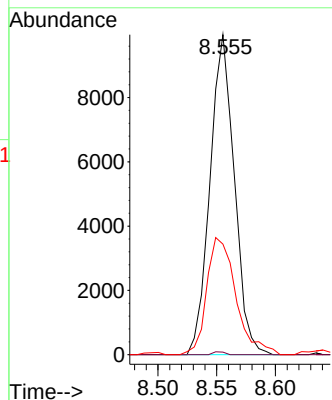
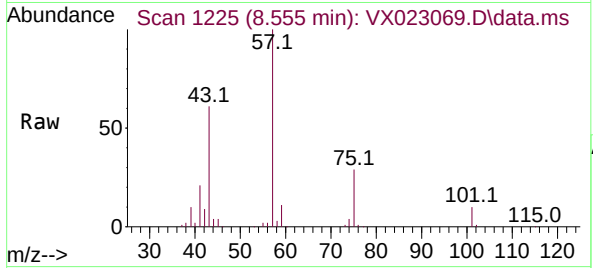




#54
 cis-1,3-Dichloropropene
 Concen: 11.661 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX023069.D
 Acq: 01 Jul 2021 06:14

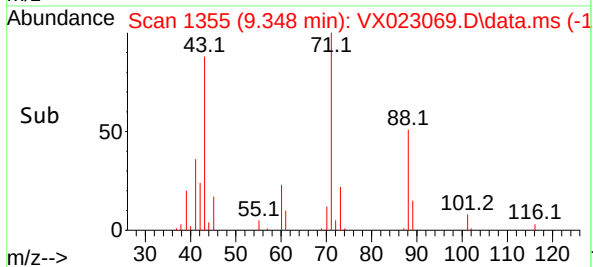
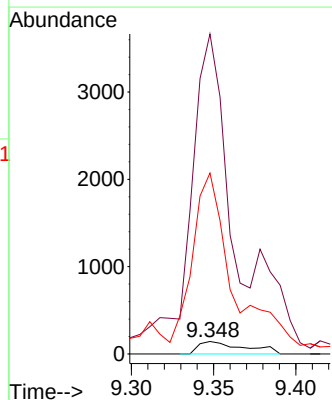
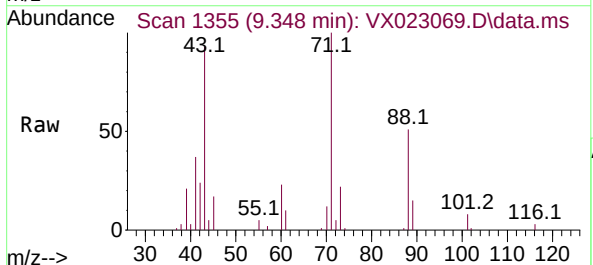
Instrument :
 MSVOA_X
 ClientSampled :

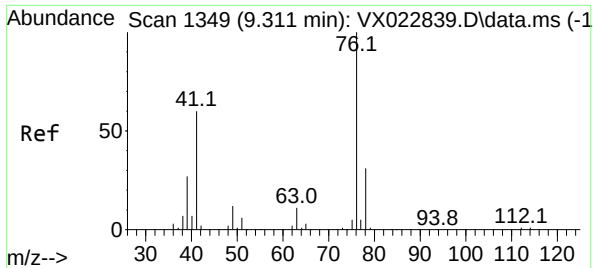
Tgt Ion: 75 Resp: 14341
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.7 38.5#
 39 34.5 35.1 52.7#



#56
 Ethyl methacrylate
 Concen: 2.750 ug/l
 RT: 9.348 min Scan# 1355
 Delta R.T. 0.226 min
 Lab File: VX023069.D
 Acq: 01 Jul 2021 06:14

Tgt Ion: 69 Resp: 276
 Ion Ratio Lower Upper
 69 100
 41 1979.0 46.8 70.2#
 39 1131.5 24.7 37.1#

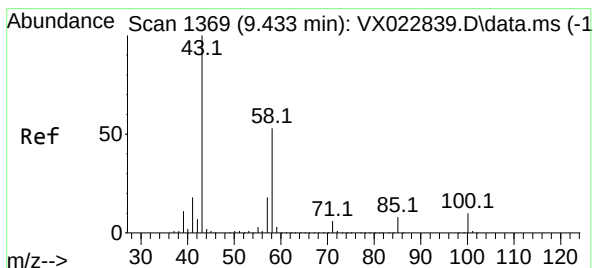
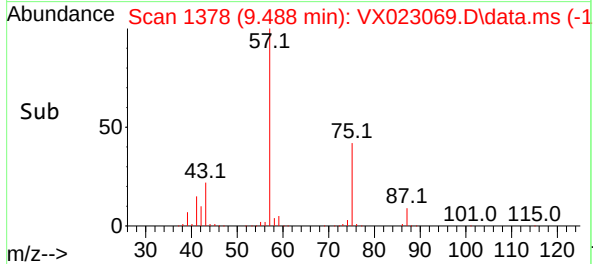
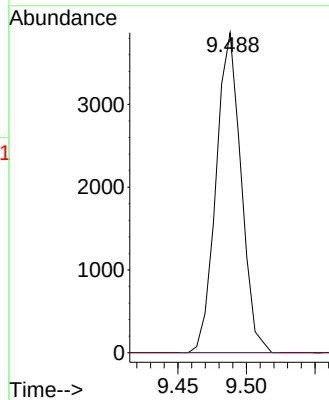
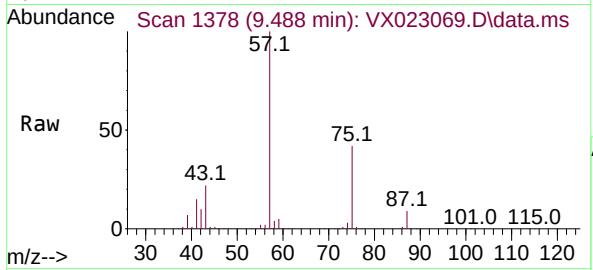




#57
1,3-Dichloropropane
Concen: 3.248 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

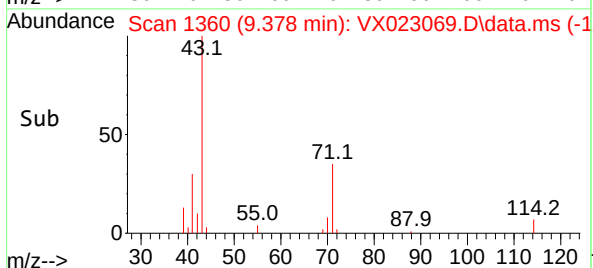
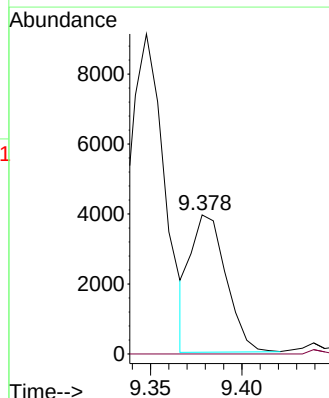
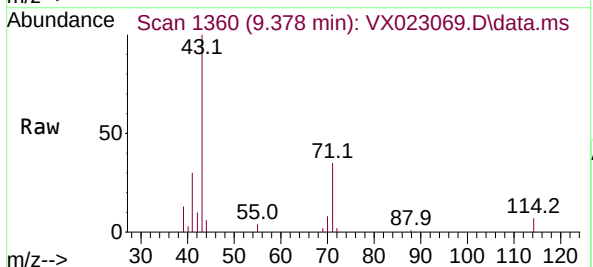
Instrument :
MSVOA_X
ClientSampled :

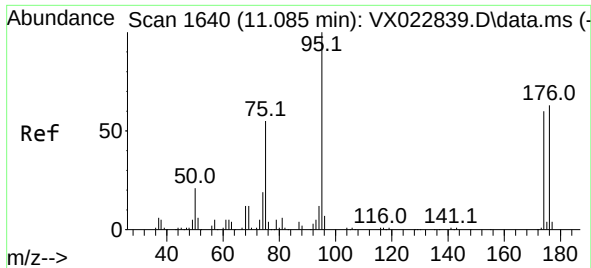
Tgt Ion: 76 Resp: 4893
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 5.058 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Tgt Ion: 43 Resp: 5270
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

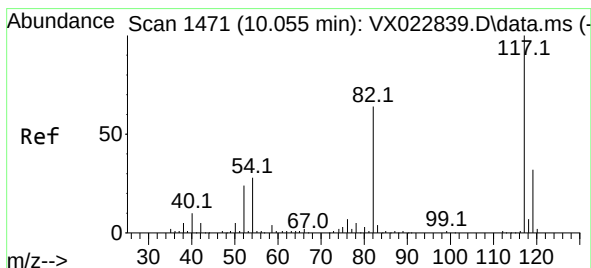
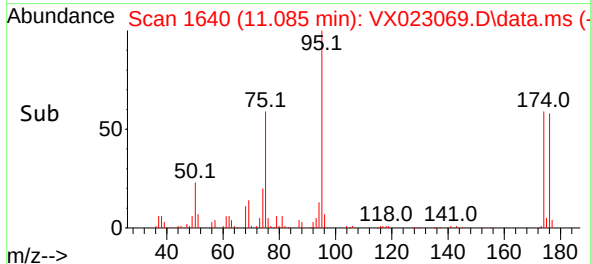
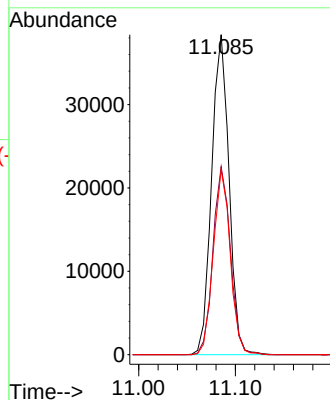
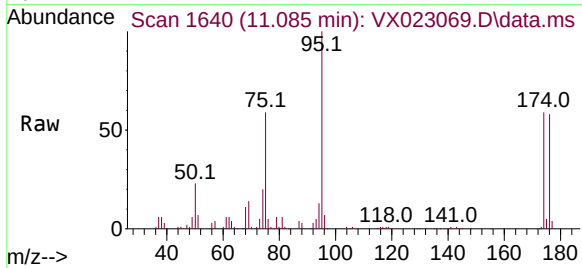




#62
4-Bromofluorobenzene
Concen: 46.063 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

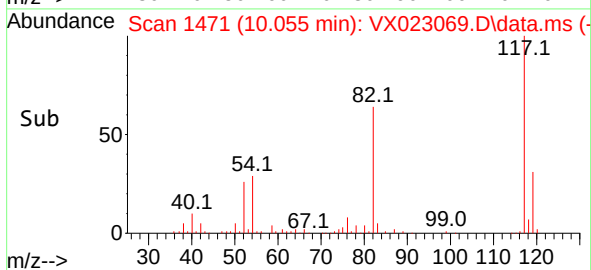
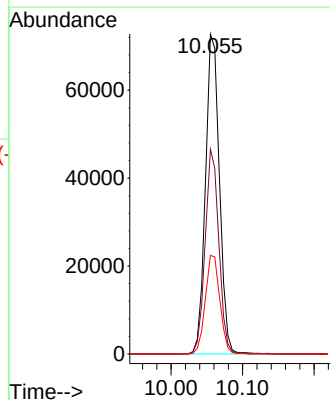
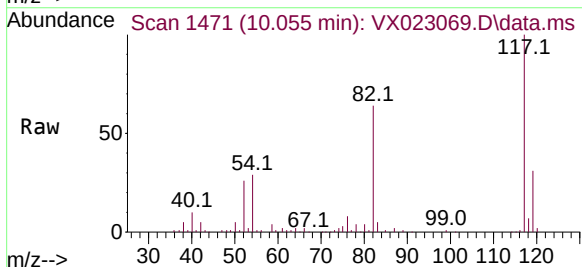
Instrument :
MSVOA_X
ClientSampleId :

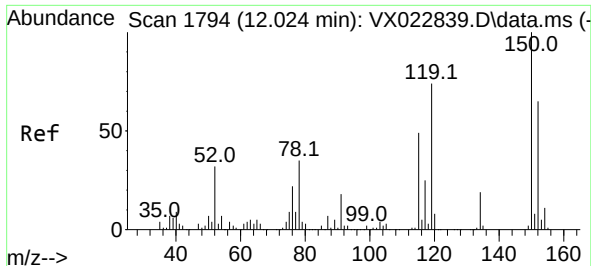
Tgt Ion: 95 Resp: 47725
Ion Ratio Lower Upper
95 100
174 59.1 0.0 154.6
176 56.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Tgt Ion: 117 Resp: 98846
Ion Ratio Lower Upper
117 100
82 64.0 47.4 71.2
119 30.8 26.6 39.8

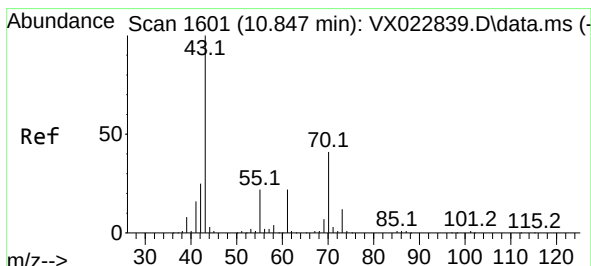
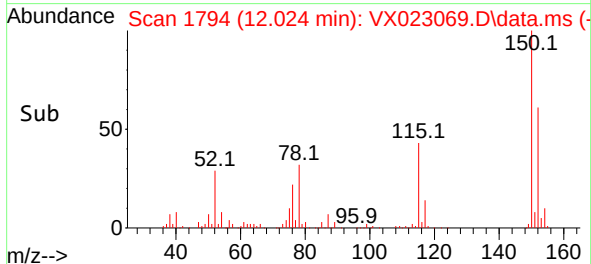
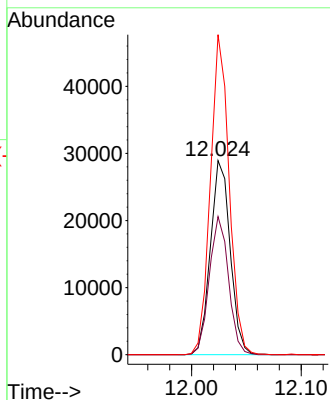
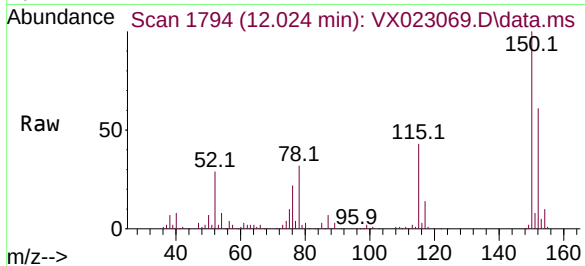




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

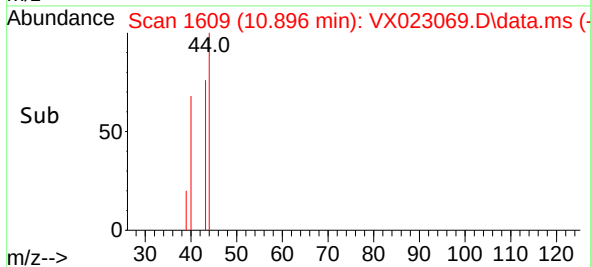
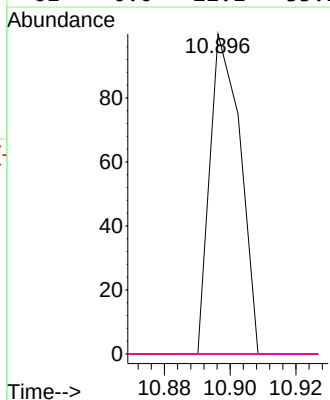
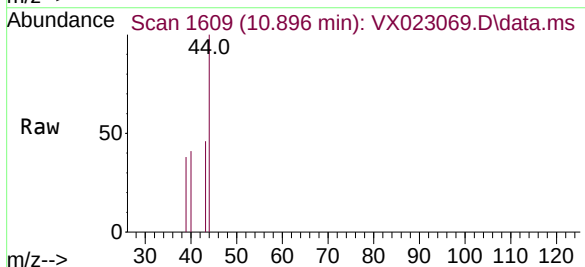
Instrument :
MSVOA_X
ClientSampleId :

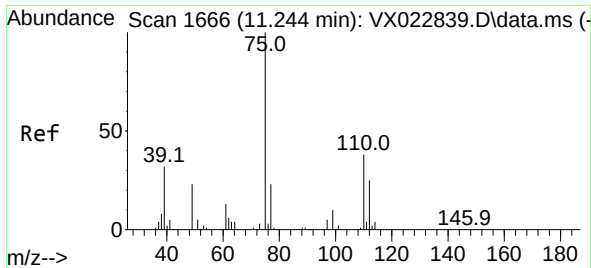
Tgt Ion:152 Resp: 36307
Ion Ratio Lower Upper
152 100
115 69.0 41.1 123.3
150 156.1 0.0 349.0



#74
N-ethyl acetate
Concen: 2.090 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.049 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Tgt Ion: 43 Resp: 64
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#

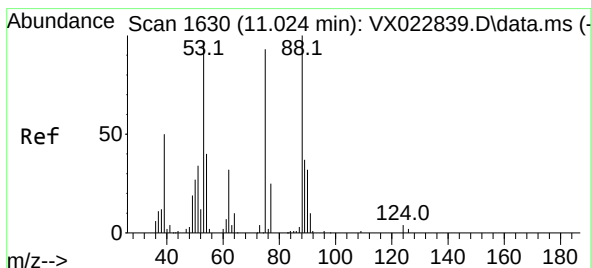
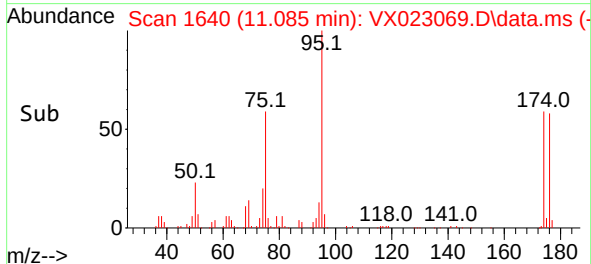
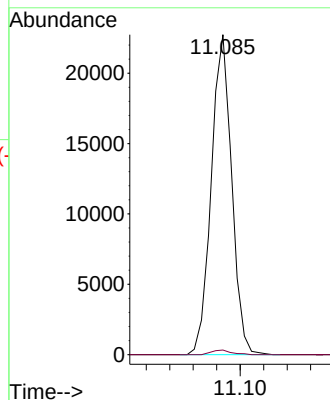
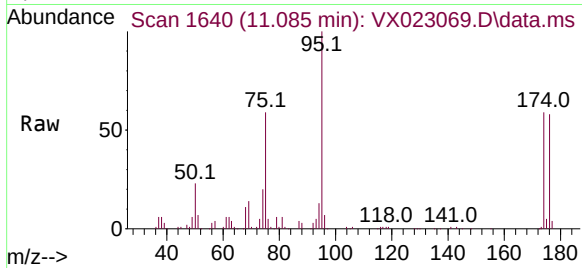




#76
1,2,3-Trichloropropane
Concen: 28.554 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27384
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.594 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023069.D
Acq: 01 Jul 2021 06:14

Tgt Ion: 75 Resp: 27384
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

