

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023041.D
 Acq On : 30 Jun 2021 18:05
 Operator : JC/MD
 Sample : M2892-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 03:27:35 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)

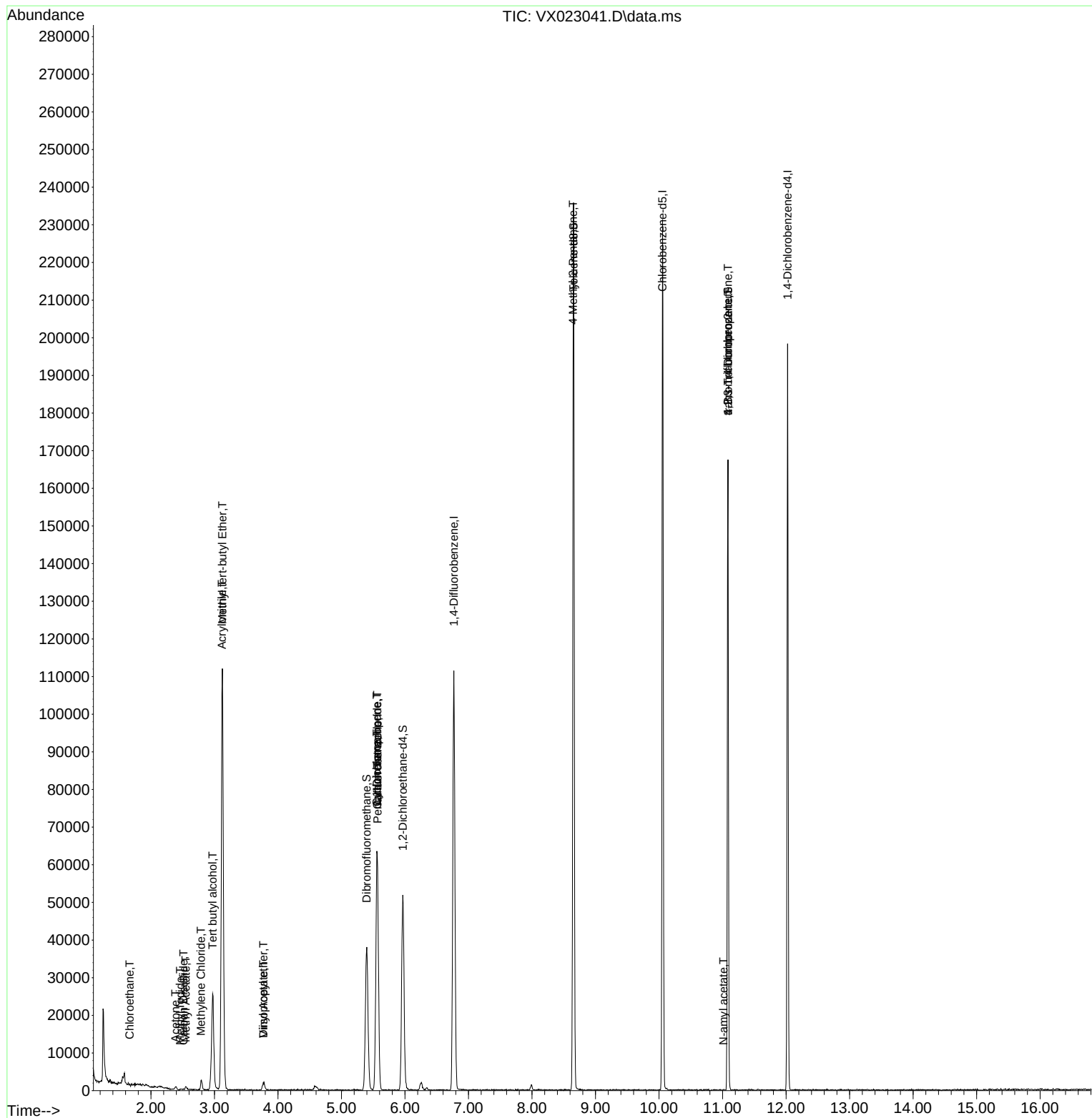
Internal Standards						
1) Pentafluorobenzene	5.568	168	48464	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	101620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50057	56.914	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.820%	
35) Dibromofluoromethane	5.397	113	32626	50.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.120%	
50) Toluene-d8	8.653	98	127807	50.535	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	11.085	95	42651	45.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.380%	
Target Compounds						
						Qvalue
6) Chloroethane	1.666	64	136	0.318	ug/l	# 43
10) Methyl Iodide	2.459	142	23	3.907	ug/l	# 42
11) Tert butyl alcohol	2.971	59	29413	160.460	ug/l	98
15) Acrylonitrile	3.117	53	1536	3.666	ug/l	# 29
16) Acetone	2.386	43	758	1.944	ug/l	# 65
17) Carbon Disulfide	2.514	76	86	3.562	ug/l	# 75
18) Methyl Acetate	2.544	43	263	0.274	ug/l	# 47
19) Methyl tert-butyl Ether	3.123	73	117047	51.913	ug/l	100
20) Methylene Chloride	2.788	84	1253	1.980	ug/l	# 88
22) Diisopropyl ether	3.770	45	1888	0.760	ug/l	# 94
23) Vinyl Acetate	3.770	43	1134	0.544	ug/l	# 68
31) Cyclohexane	5.556	56	1792	1.443	ug/l	# 52
36) 1,1-Dichloropropene	5.556	75	5920	5.485	ug/l	# 44
38) Carbon Tetrachloride	5.562	117	6600	7.290	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	804	0.643	ug/l	# 1
74) N-amyl acetate	11.012	43	177	2.163	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	24586	28.231	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	24586	72.834	ug/l	# 12

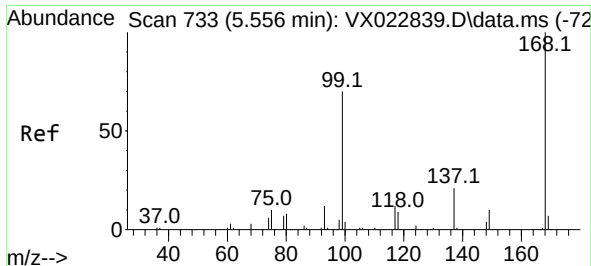
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampled :

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Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

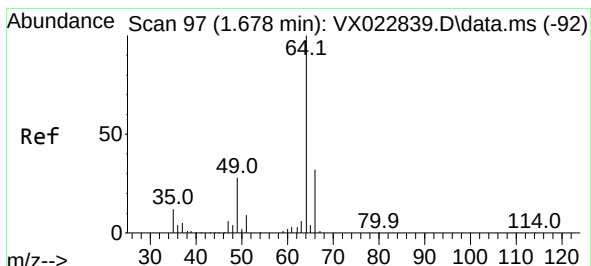
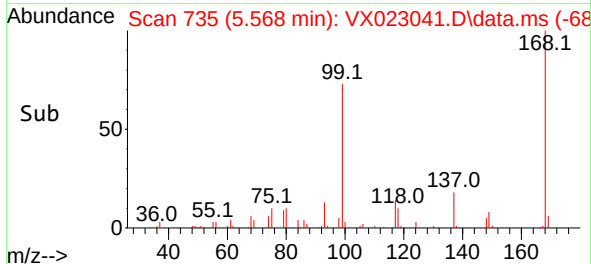
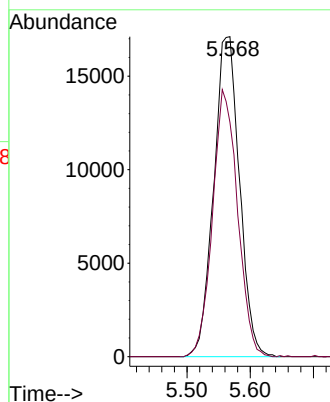
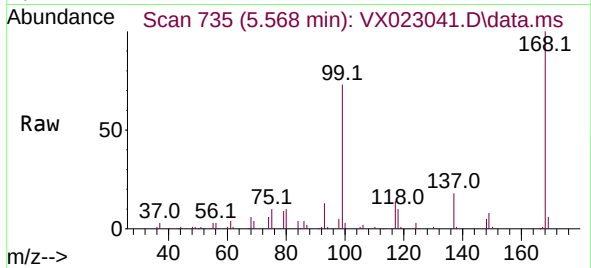




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

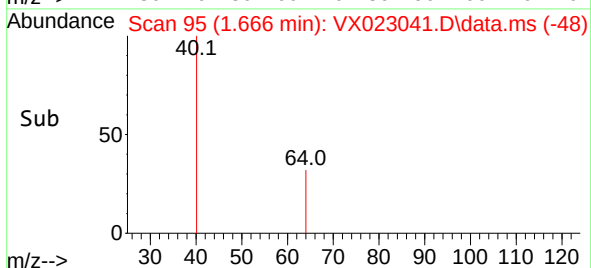
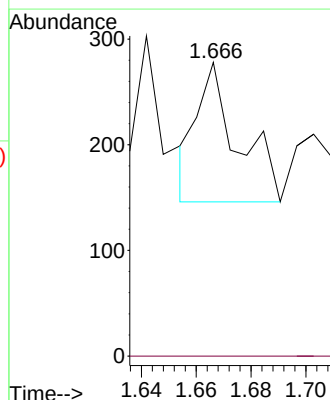
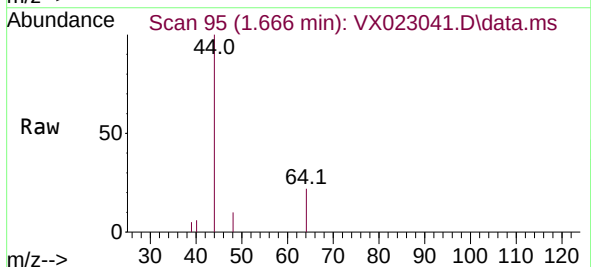
Instrument :
MSVOA_X
ClientSampled :

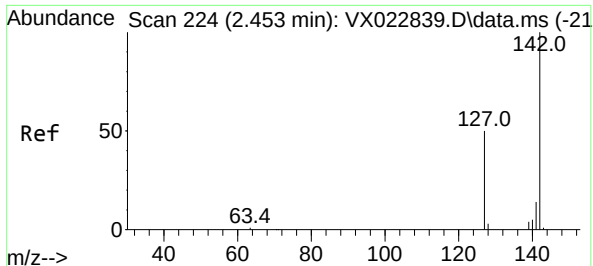
Tgt Ion:168 Resp: 48464
Ion Ratio Lower Upper
168 100
99 73.2 45.8 68.6#



#6
Chloroethane
Concen: 0.318 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

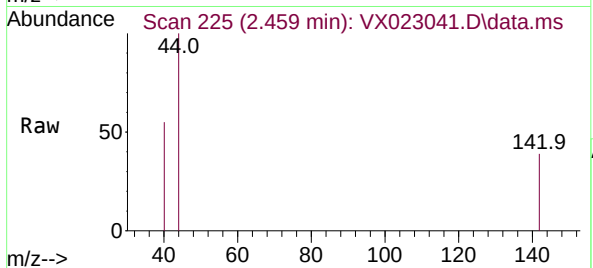
Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



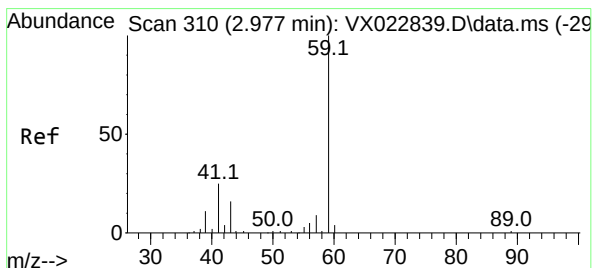
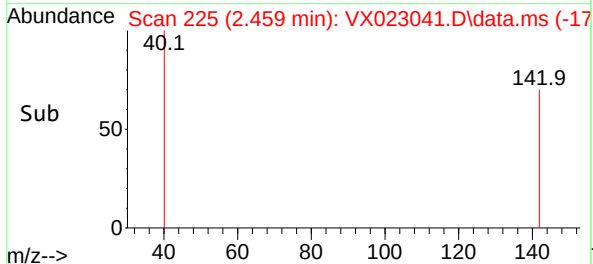
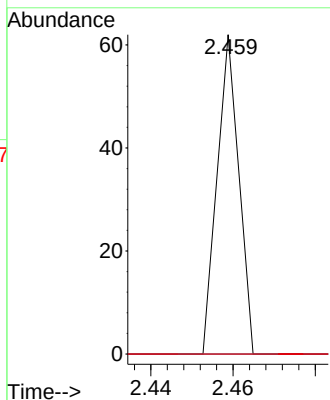


#10
Methyl Iodide
Concen: 3.907 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Instrument :
MSVOA_X
ClientSampleId :

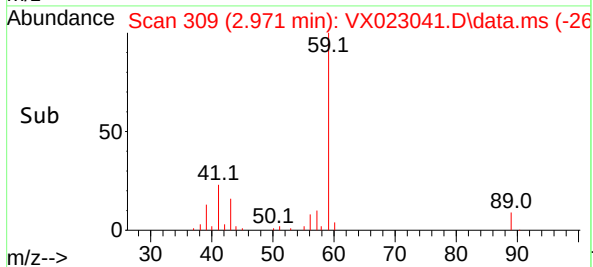
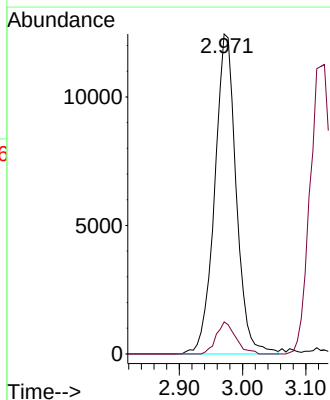
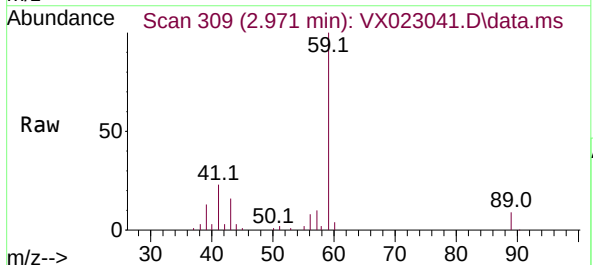


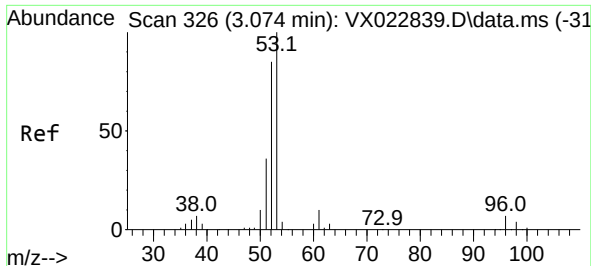
Tgt Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 160.460 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 59 Resp: 29413
Ion Ratio Lower Upper
59 100
57 9.0 7.8 11.8

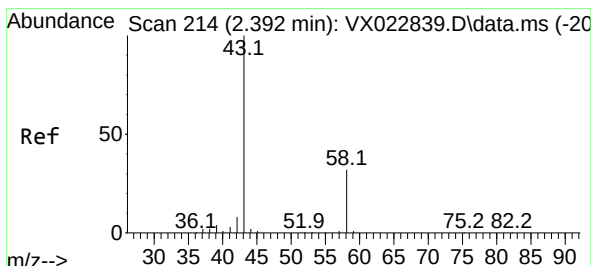
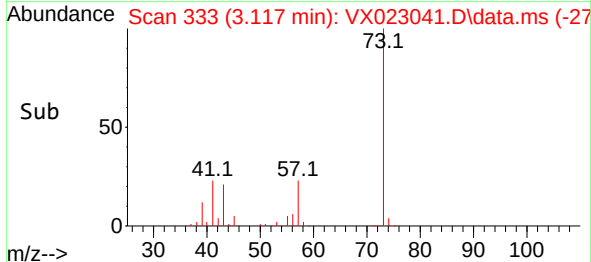
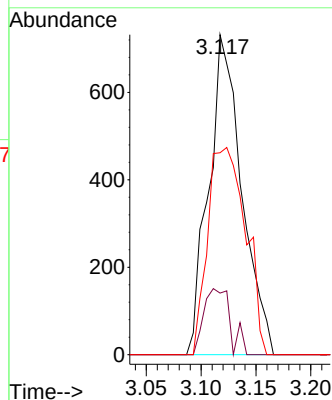
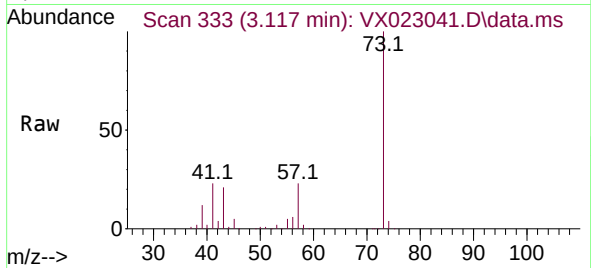




#15
Acrylonitrile
Concen: 3.666 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.043 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

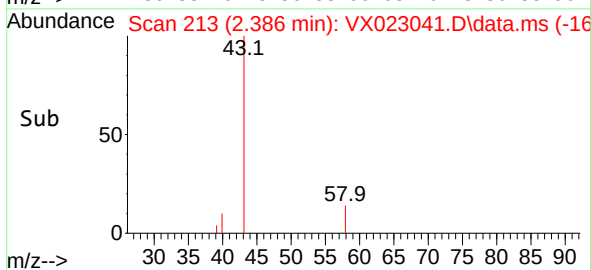
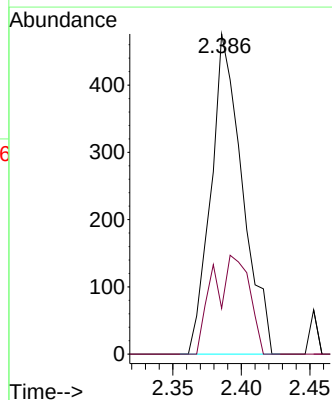
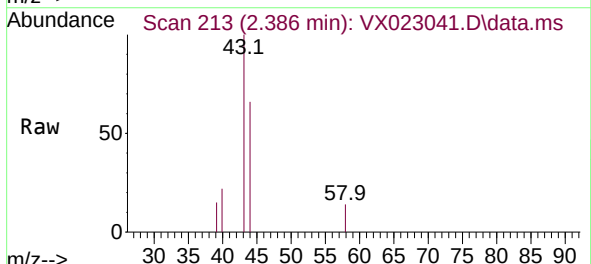
Instrument :
MSVOA_X
ClientSampled :

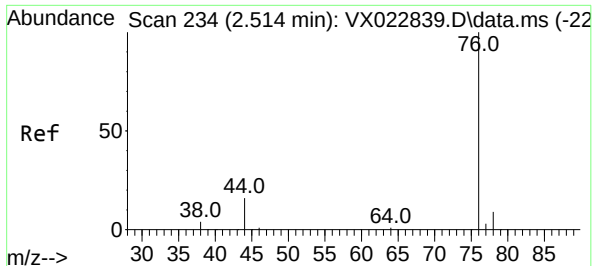
Tgt Ion: 53 Resp: 1536
Ion Ratio Lower Upper
53 100
52 16.5 65.3 97.9#
51 74.3 28.2 42.2#



#16
Acetone
Concen: 1.944 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 14.3 27.8 41.8#





#17

Carbon Disulfide

Concen: 3.562 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX023041.D

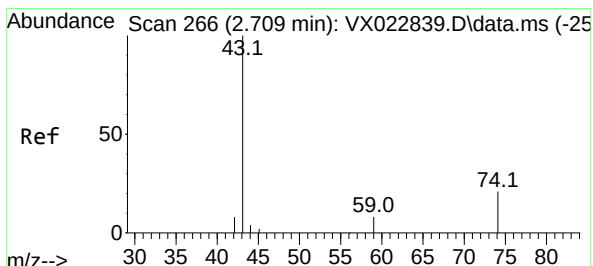
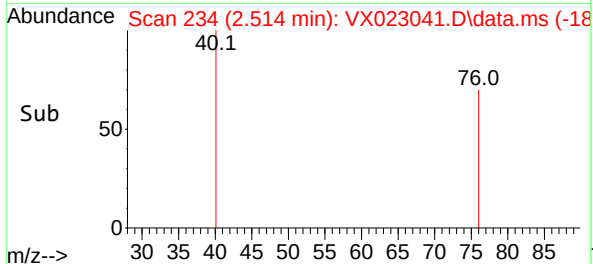
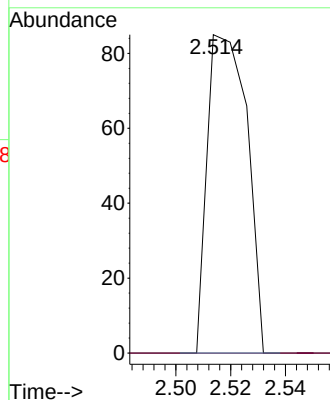
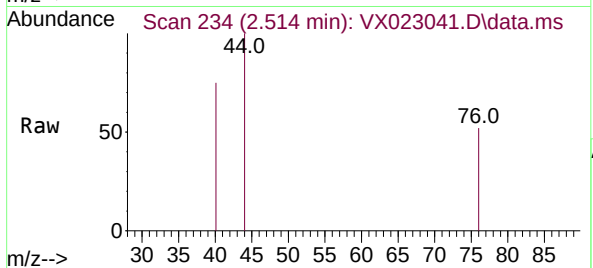
Acq: 30 Jun 2021 18:05

Tgt Ion: 76 Resp: 86

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 0.274 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.165 min

Lab File: VX023041.D

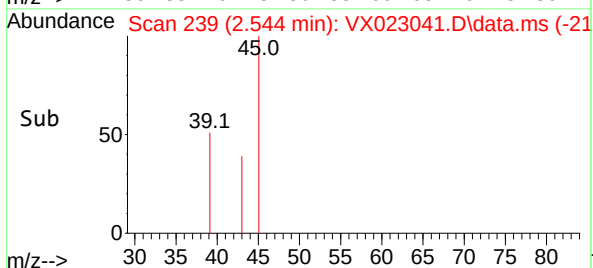
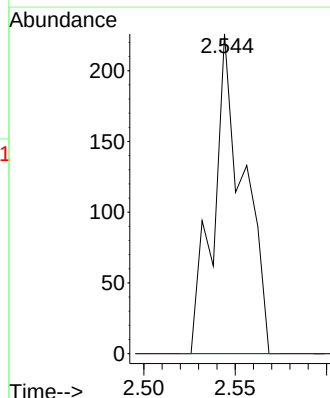
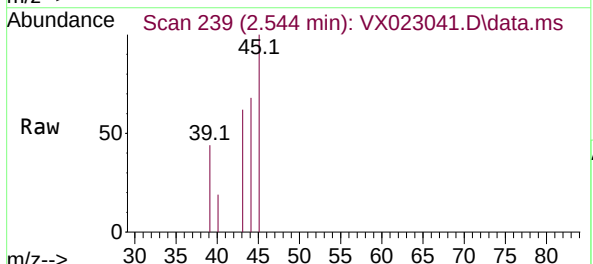
Acq: 30 Jun 2021 18:05

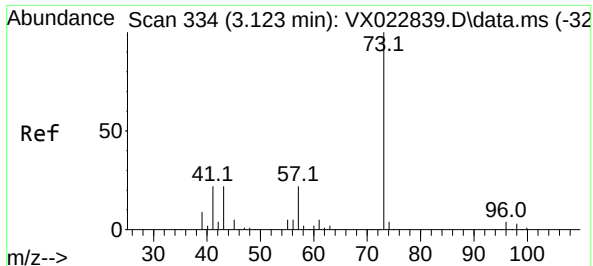
Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#

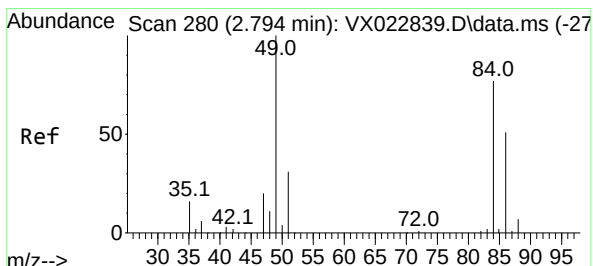
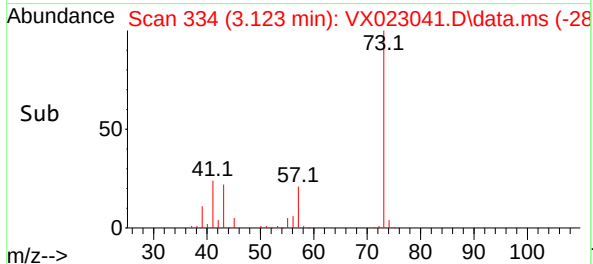
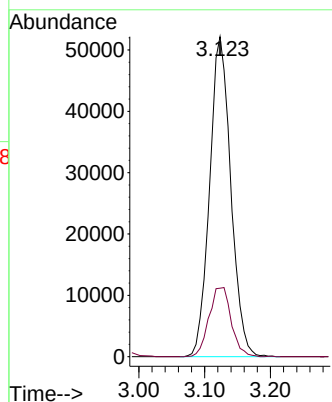
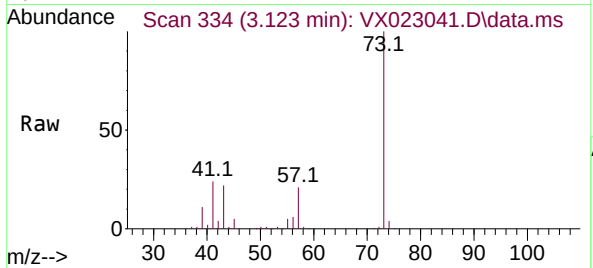




#19
Methyl tert-butyl Ether
Concen: 51.913 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

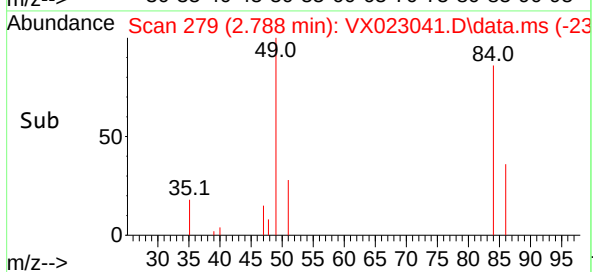
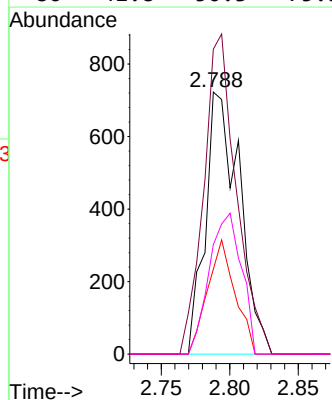
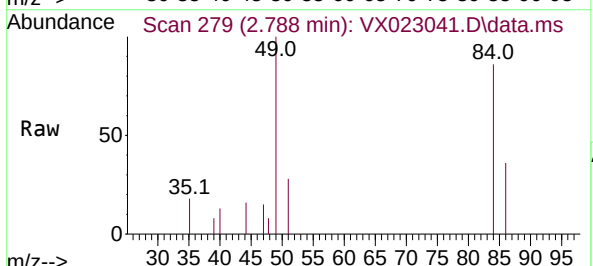
Instrument :
MSVOA_X
ClientSampled :

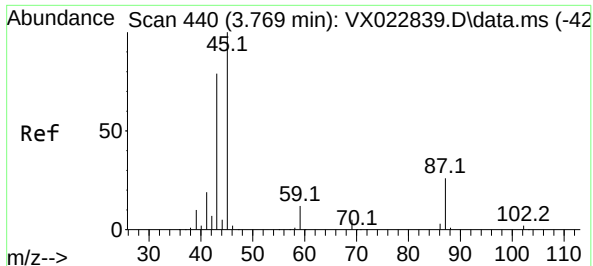
Tgt Ion: 73 Resp: 117047
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 1.980 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 84 Resp: 1253
Ion Ratio Lower Upper
84 100
49 116.3 88.6 132.8
51 32.4 27.0 40.6
86 41.8 50.3 75.5#

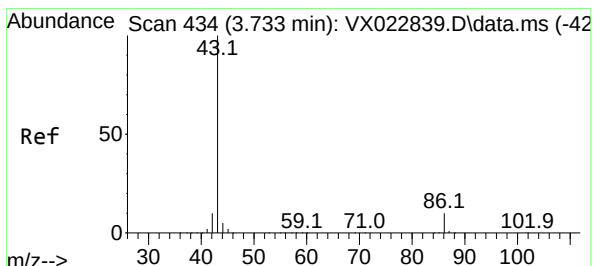
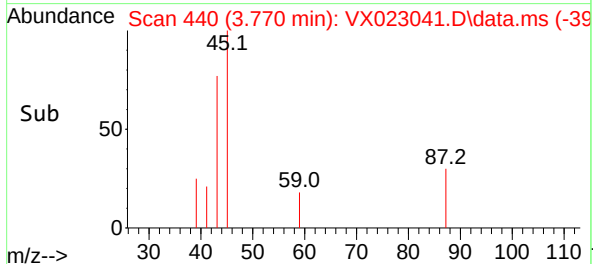
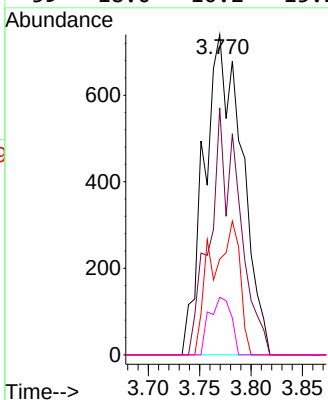
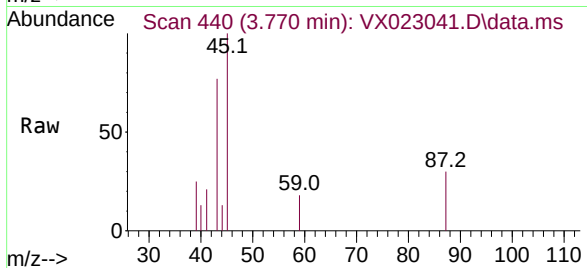




#22
Diisopropyl ether
Concen: 0.760 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

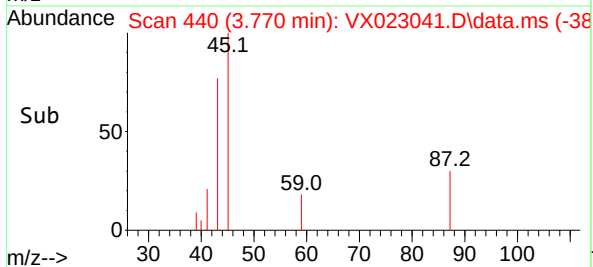
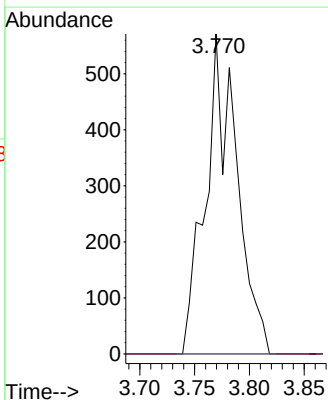
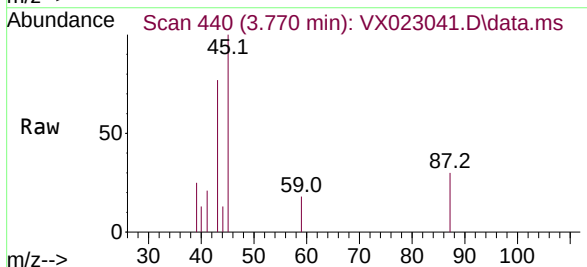
Instrument :
MSVOA_X
ClientSampled :

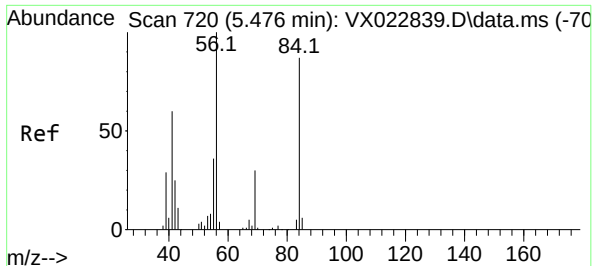
Tgt Ion:	45	Resp:	1888
Ion	Ratio	Lower	Upper
45	100		
43	77.2	58.0	87.0
87	29.9	25.4	38.0
59	18.0	10.2	15.2



#23
Vinyl Acetate
Concen: 0.544 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.037 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion:	43	Resp:	1134
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.9	14.9

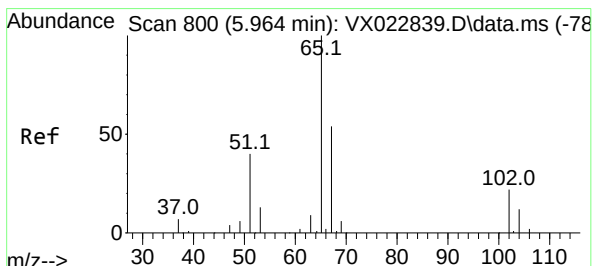
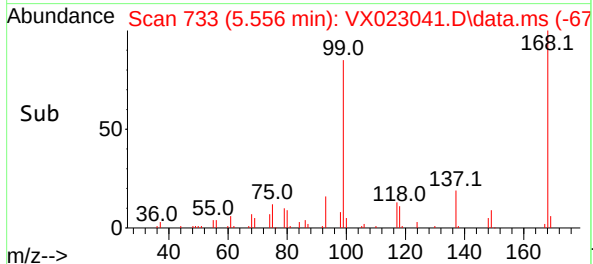
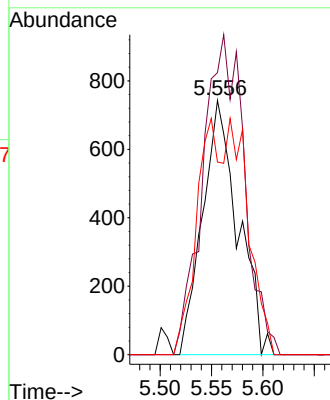
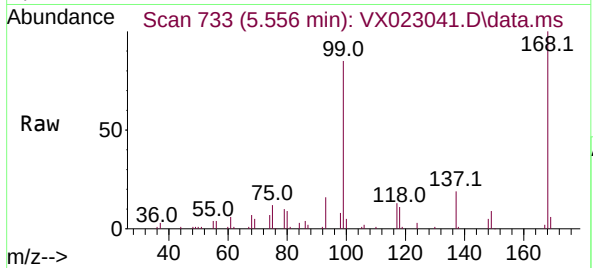




#31
Cyclohexane
Concen: 1.443 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

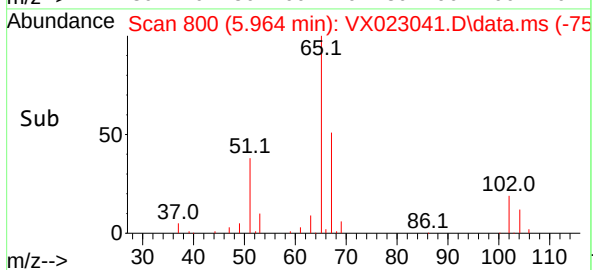
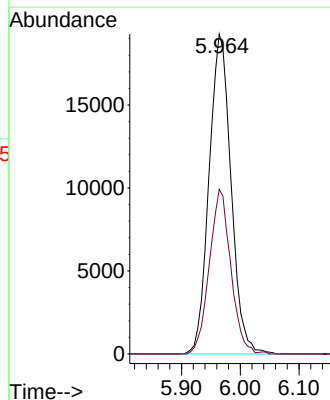
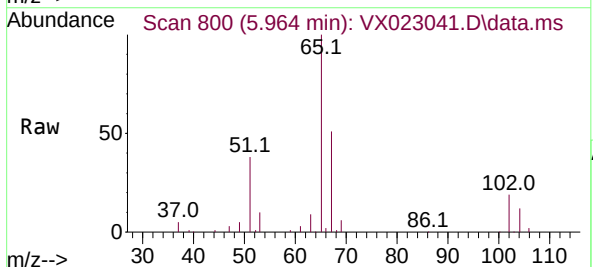
Instrument :
MSVOA_X
ClientSampleId :

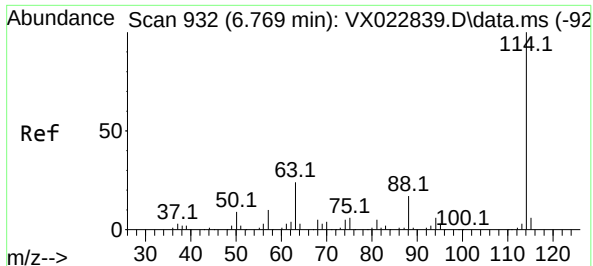
Tgt Ion: 56 Resp: 1792
Ion Ratio Lower Upper
56 100
69 110.9 25.3 37.9#
84 75.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 56.914 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 65 Resp: 50057
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

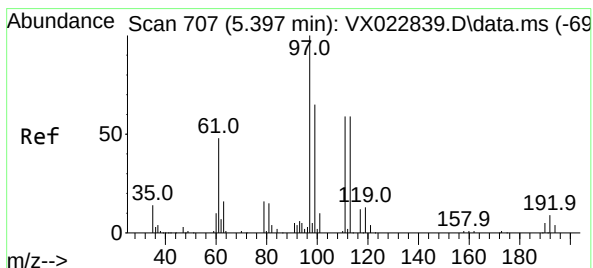
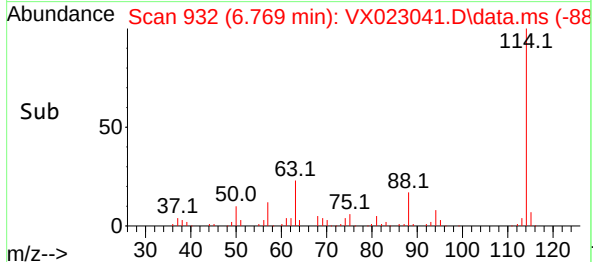
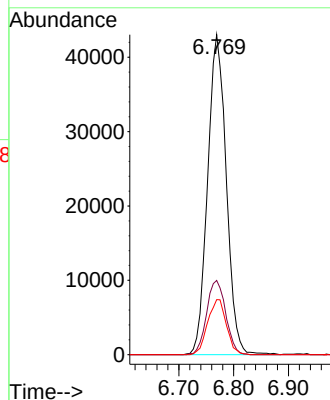
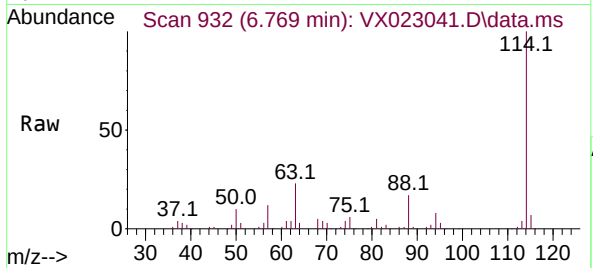




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

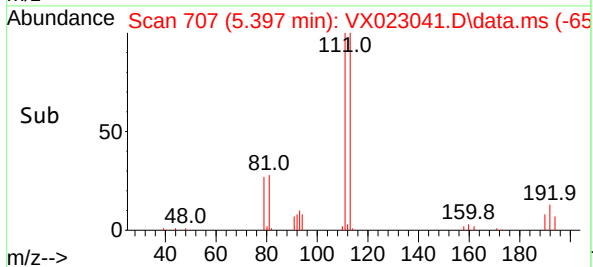
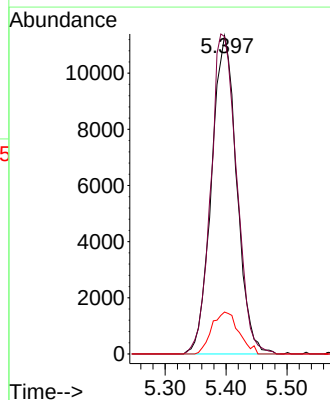
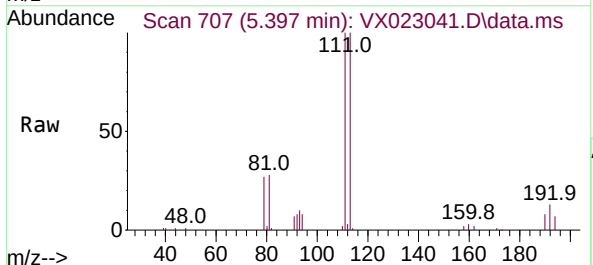
Instrument :
MSVOA_X
ClientSampleId :

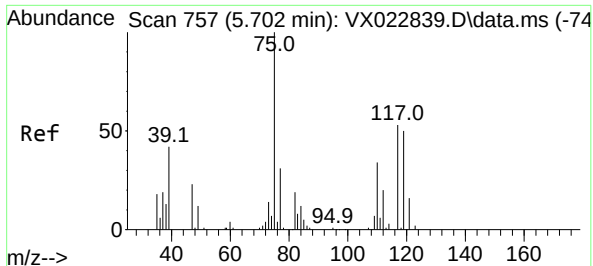
Tgt Ion:114 Resp: 101620
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.559 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion:113 Resp: 32626
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 14.0 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.485 ug/l

RT: 5.556 min Scan# 733

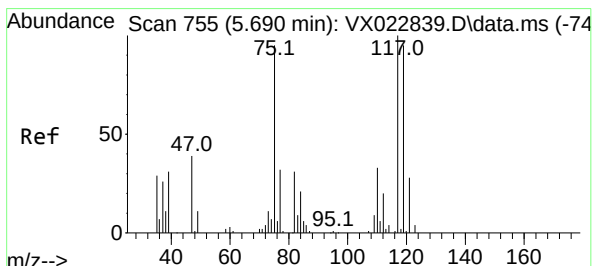
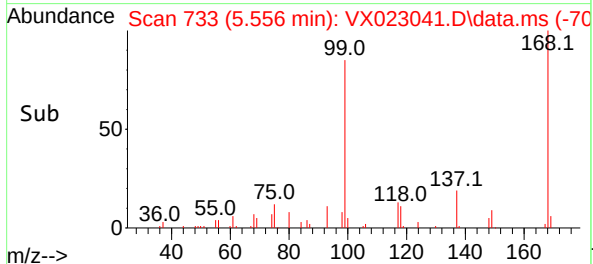
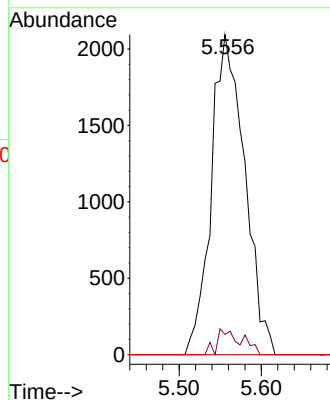
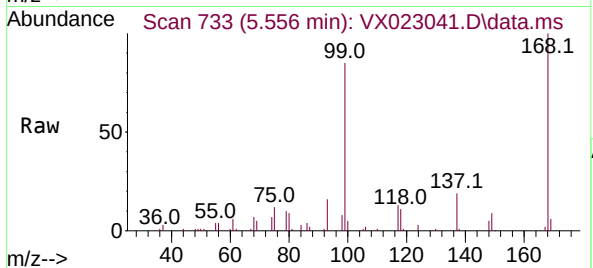
Delta R.T. -0.146 min

Lab File: VX023041.D

Acq: 30 Jun 2021 18:05

Tgt Ion:	75	Resp:	5920
Ion	Ratio	Lower	Upper
75	100		
110	4.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 7.290 ug/l

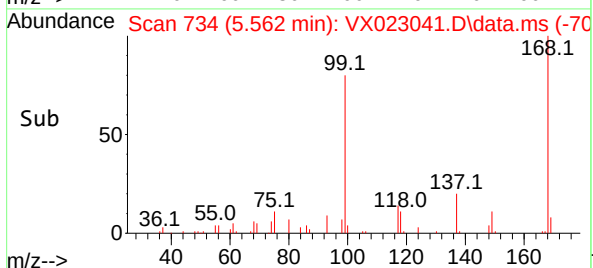
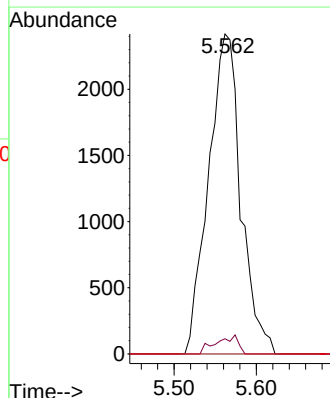
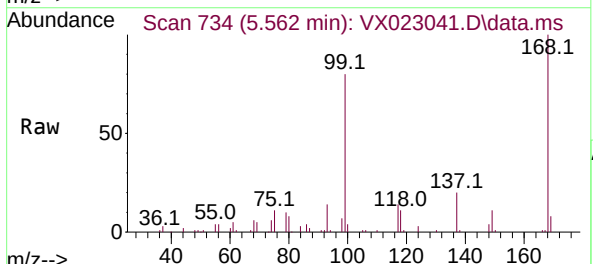
RT: 5.562 min Scan# 734

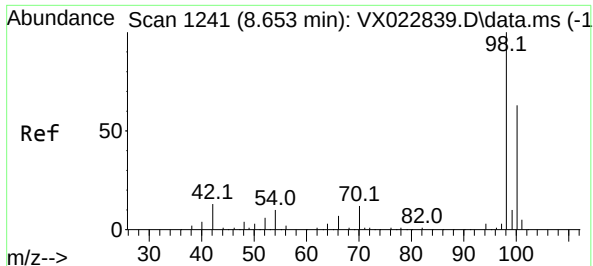
Delta R.T. -0.128 min

Lab File: VX023041.D

Acq: 30 Jun 2021 18:05

Tgt Ion:	117	Resp:	6600
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.2	114.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 50.535 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023041.D

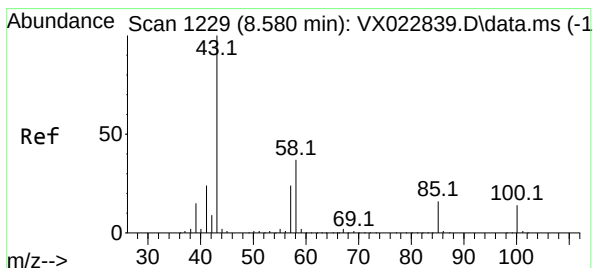
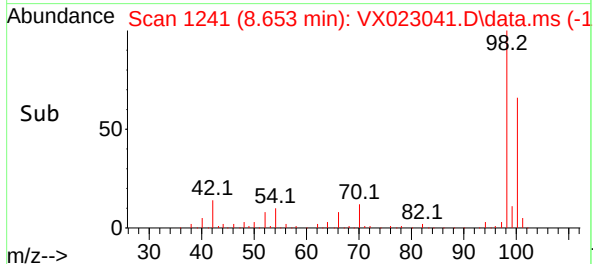
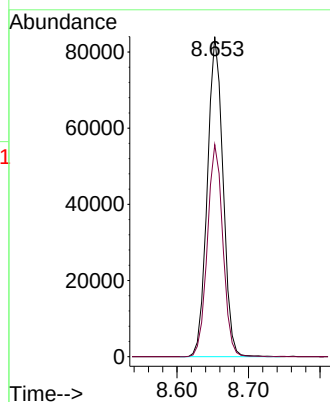
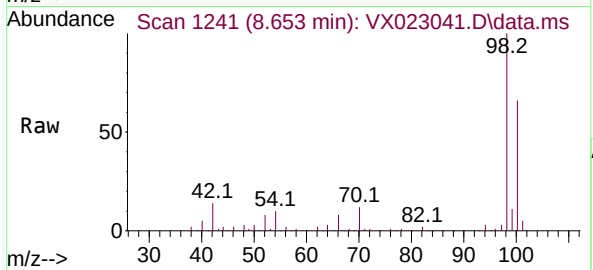
Acq: 30 Jun 2021 18:05

Tgt Ion: 98 Resp: 127807

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.643 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX023041.D

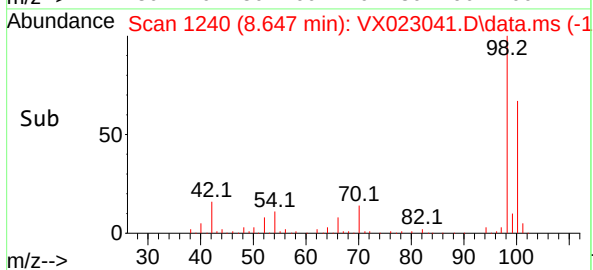
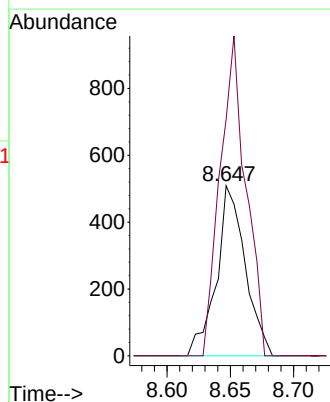
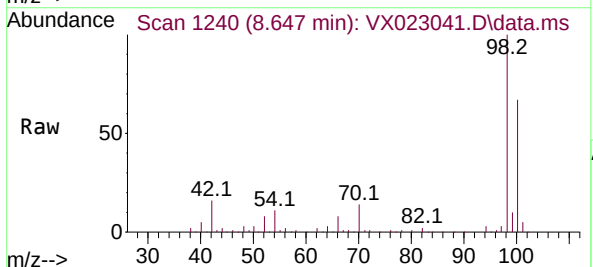
Acq: 30 Jun 2021 18:05

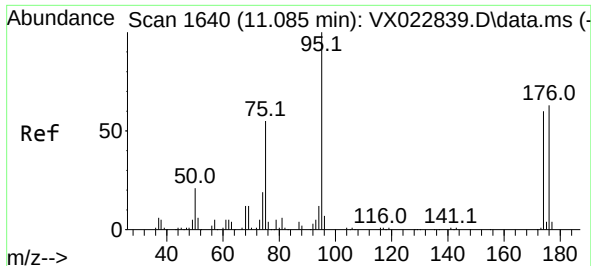
Tgt Ion: 43 Resp: 804

Ion Ratio Lower Upper

43 100

58 169.2 35.4 53.0#

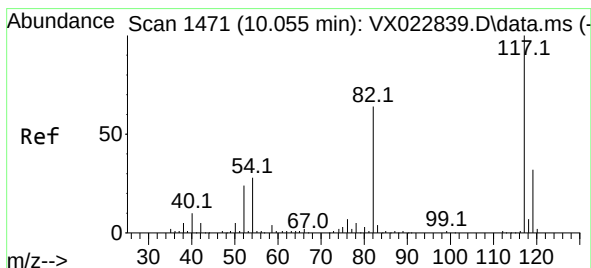
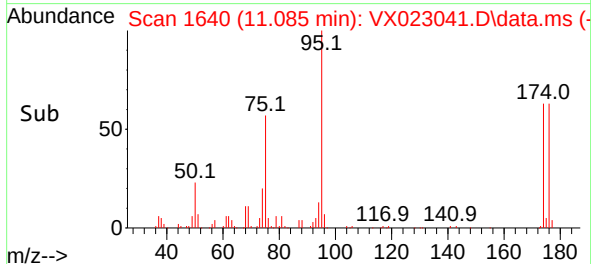
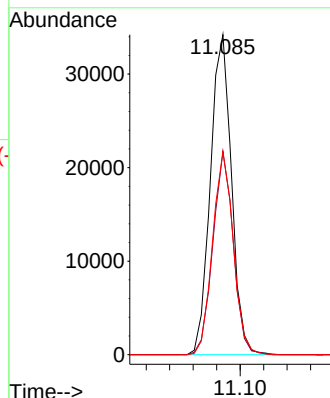
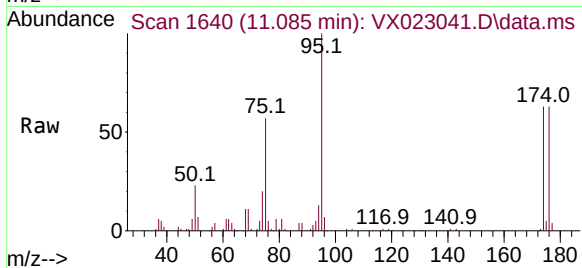




#62
4-Bromofluorobenzene
Concen: 45.187 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

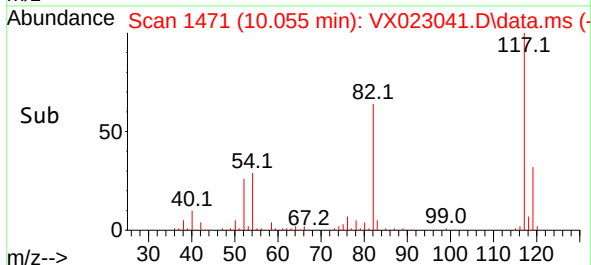
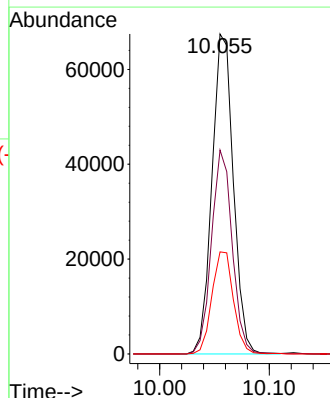
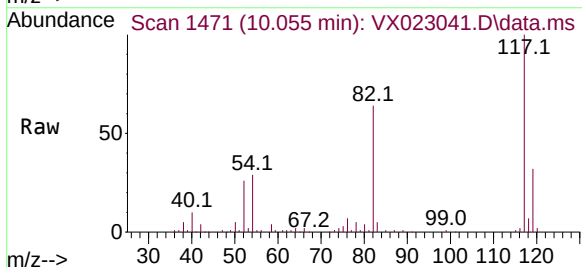
Instrument :
MSVOA_X
ClientSampled :

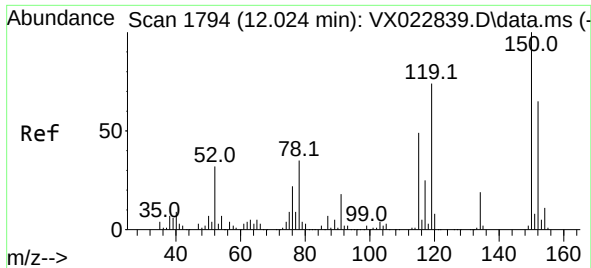
Tgt Ion: 95 Resp: 42651
Ion Ratio Lower Upper
95 100
174 61.4 0.0 154.6
176 62.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 117 Resp: 91402
Ion Ratio Lower Upper
117 100
82 63.7 47.4 71.2
119 31.9 26.6 39.8

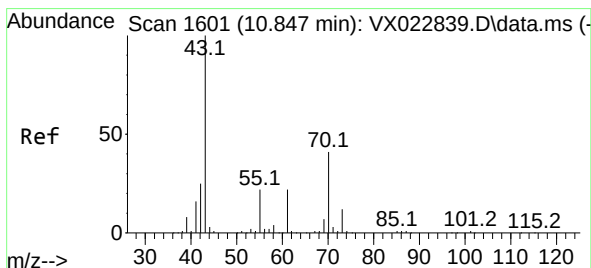
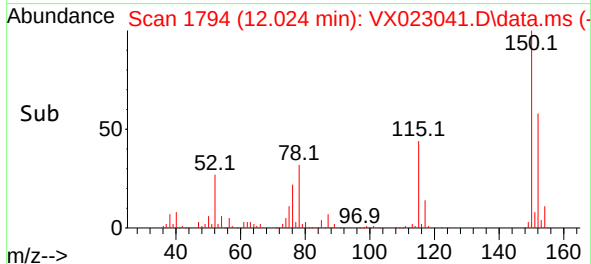
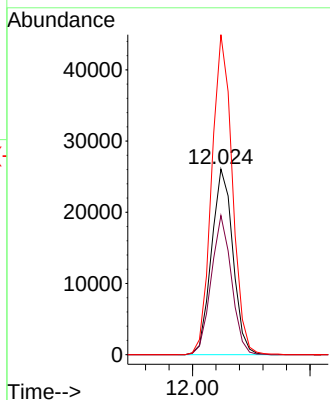
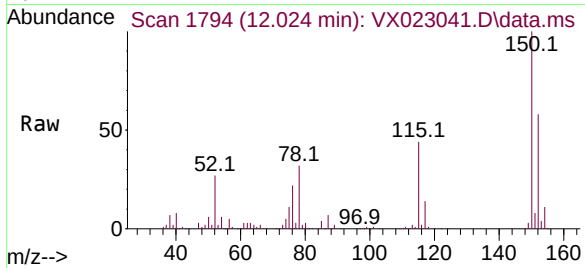




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

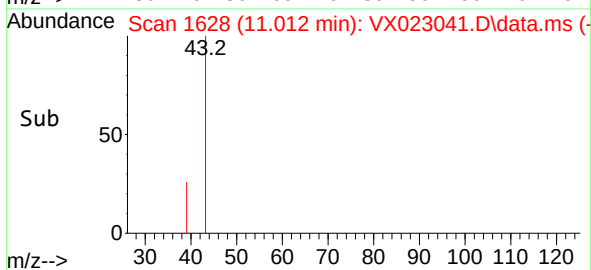
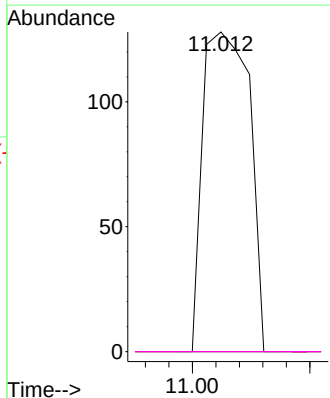
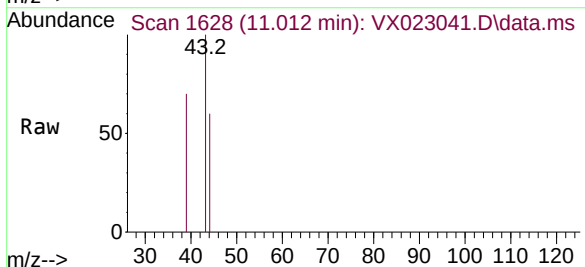
Instrument :
MSVOA_X
ClientSampleId :

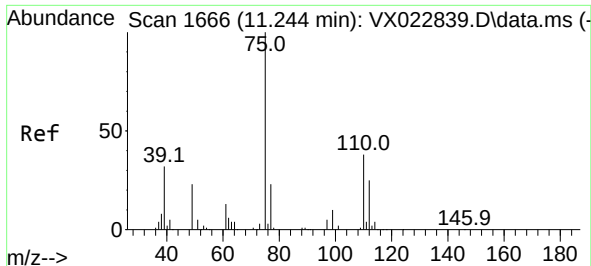
Tgt Ion:152 Resp: 32971
Ion Ratio Lower Upper
152 100
115 70.9 41.1 123.3
150 166.3 0.0 349.0



#74
N-ethyl acetate
Concen: 2.163 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. 0.165 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 43 Resp: 177
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#

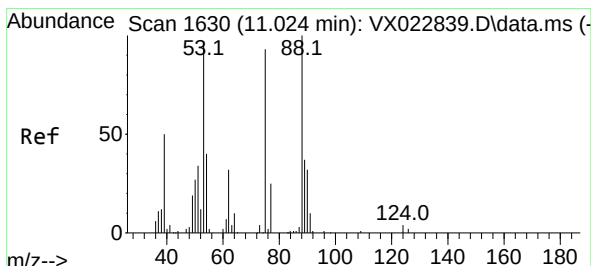
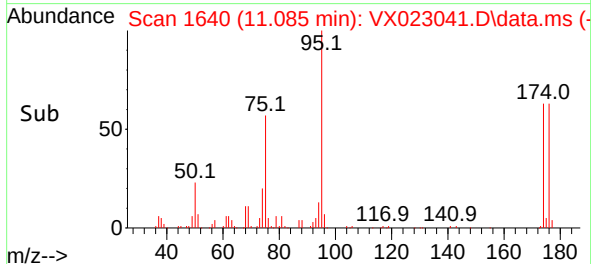
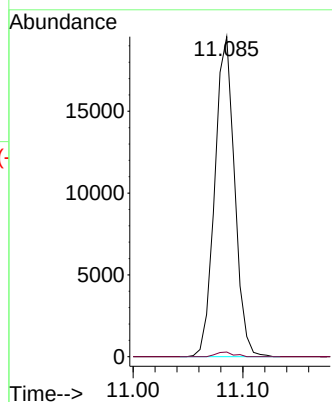
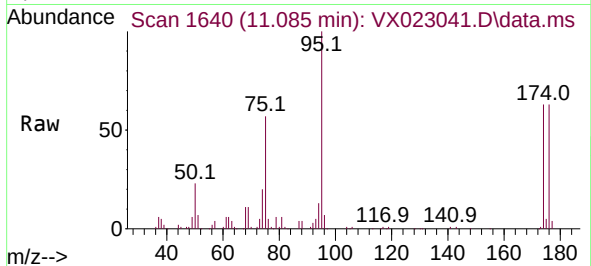




#76
1,2,3-Trichloropropane
Concen: 28.231 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 24586
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.834 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 75 Resp: 24586
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

