

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022449.D
 Acq On : 05 Jun 2021 05:57
 Operator : JC/MD
 Sample : PB136806ZHE#16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 06:24:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

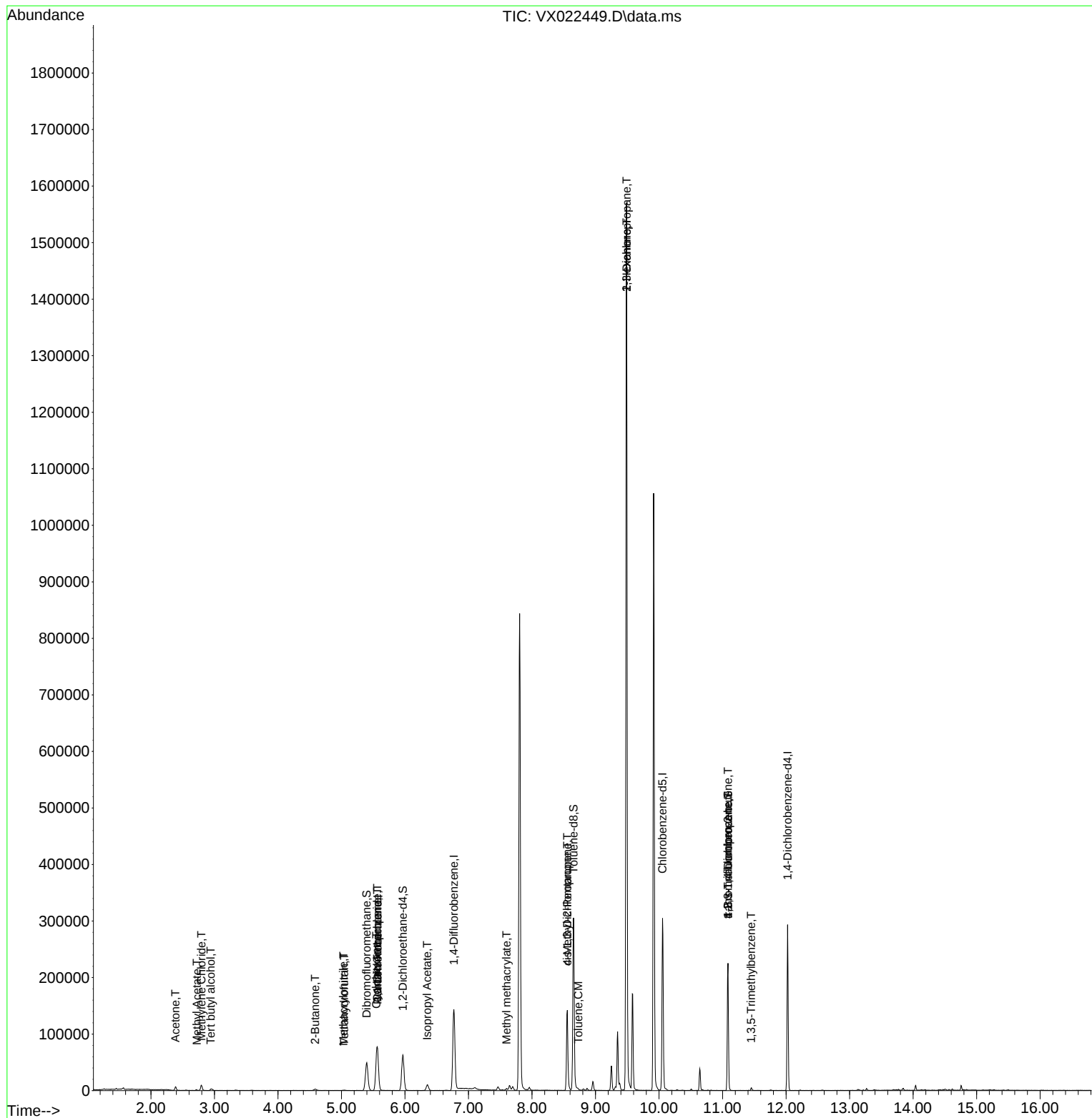
Internal Standards						
1) Pentafluorobenzene	5.568	168	67375	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	140691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57142	54.981	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.960%	
35) Dibromofluoromethane	5.397	113	41856	46.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.820%	
50) Toluene-d8	8.653	98	176552	51.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	11.085	95	62632	49.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	821	3.454	ug/l	# 73
16) Acetone	2.386	43	6351	14.034	ug/l	99
18) Methyl Acetate	2.721	43	1437	1.194	ug/l	# 80
20) Methylene Chloride	2.794	84	4162	4.142	ug/l	94
25) 2-Butanone	4.587	43	2365	3.230	ug/l	99
29) Tetrahydrofuran	5.044	42	801	1.838	ug/l	# 56
31) Cyclohexane	5.550	56	1790	1.371	ug/l	# 15
36) 1,1-Dichloropropene	5.562	75	6370	4.896	ug/l	# 45
38) Carbon Tetrachloride	5.562	117	7842	6.162	ug/l	# 16
41) Methacrylonitrile	5.032	41	251	0.294	ug/l	# 31
43) Isopropyl Acetate	6.348	43	14346	5.500	ug/l	93
48) Methyl methacrylate	7.598	41	3943	3.280	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	50914	32.584	ug/l	# 45
52) Toluene	8.726	92	604	0.238	ug/l	90
54) cis-1,3-Dichloropropene	8.555	75	22977	13.356	ug/l	# 63
57) 1,3-Dichloropropane	9.488	76	13541	7.707	ug/l	# 42
59) 2-Hexanone	9.488	43	183693	156.308	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	32485	25.727	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	2194	0.611	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.085	75	32485	60.956	ug/l	# 12

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

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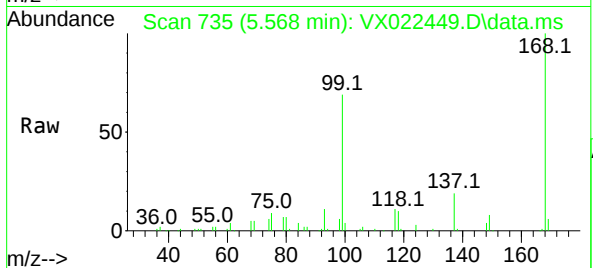
Quant Time: Jun 05 06:24:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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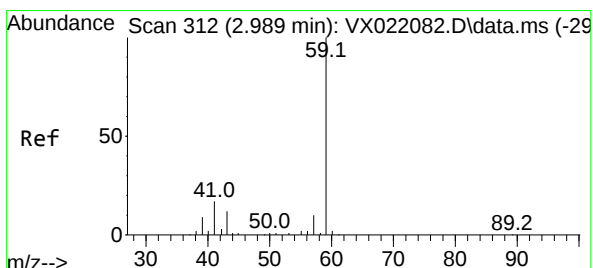
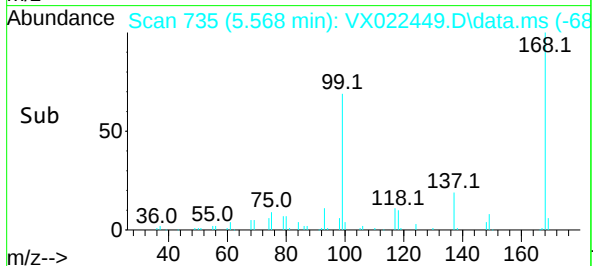
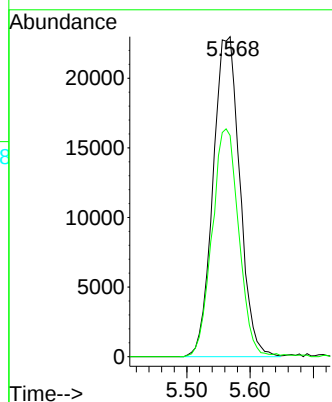


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

Instrument :
MSVOA_X
ClientSampleId :

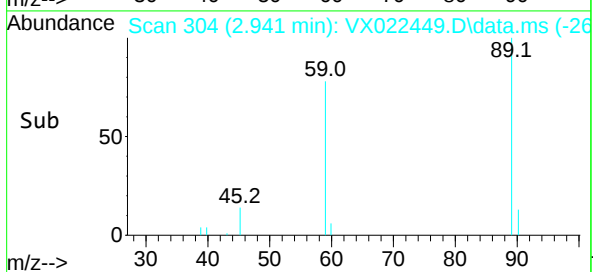
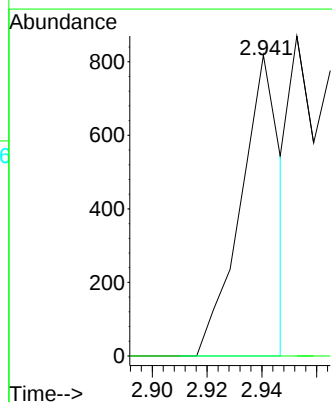
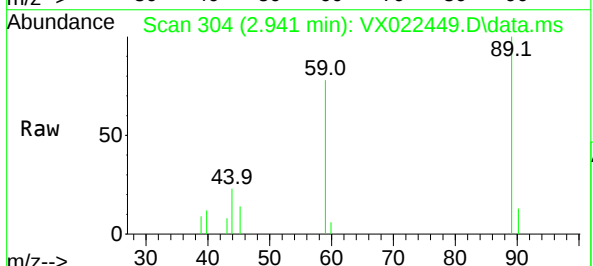


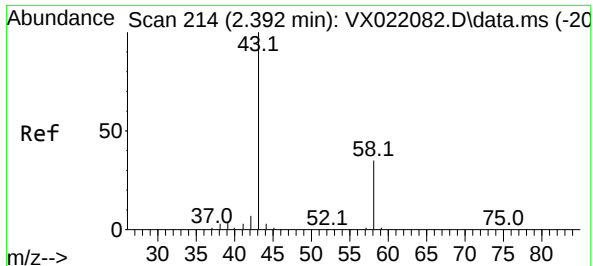
Tgt Ion:168 Resp: 67375
Ion Ratio Lower Upper
168 100
99 69.1 45.8 68.6#



#11
Tert butyl alcohol
Concen: 3.454 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

Tgt Ion: 59 Resp: 821
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

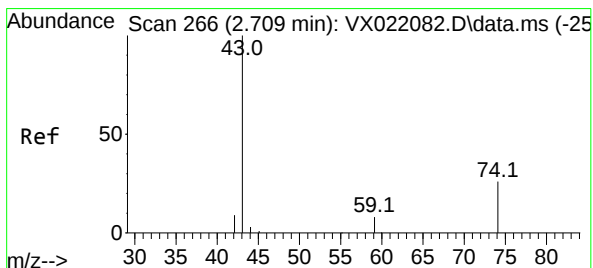
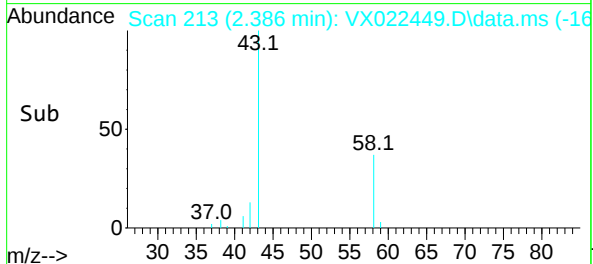
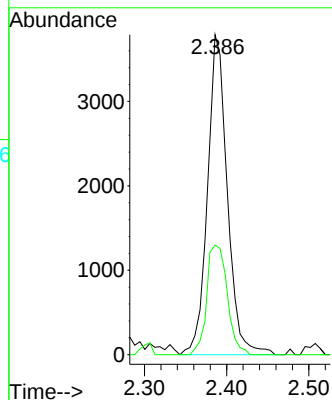
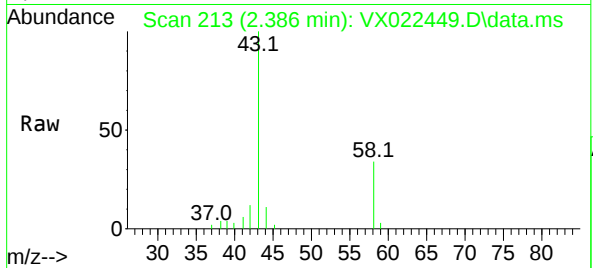




#16
Acetone
Concen: 14.034 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

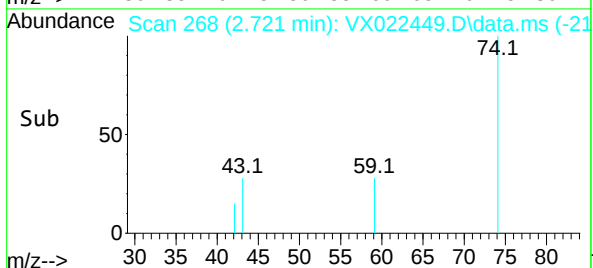
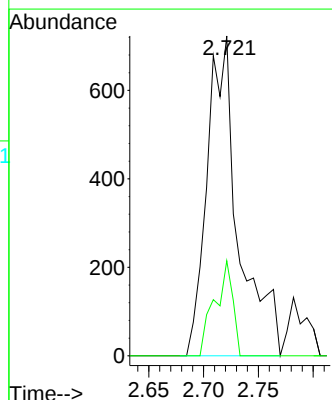
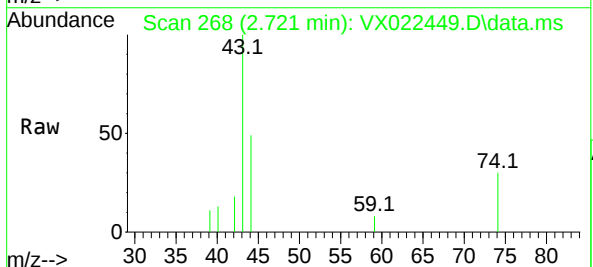
Instrument :
MSVOA_X
ClientSampleId :

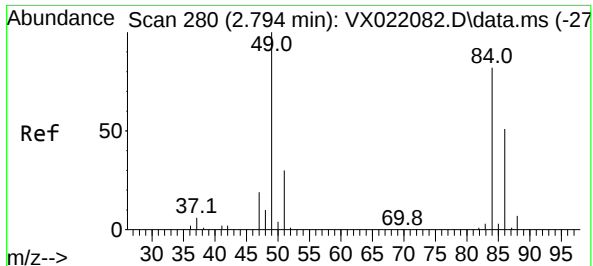
Tgt Ion: 43 Resp: 6351
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8



#18
Methyl Acetate
Concen: 1.194 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
74 17.1 21.9 32.9#





#20

Methylene Chloride

Concen: 4.142 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022449.D

Acq: 05 Jun 2021 05:57

Tgt Ion: 84 Resp: 4162

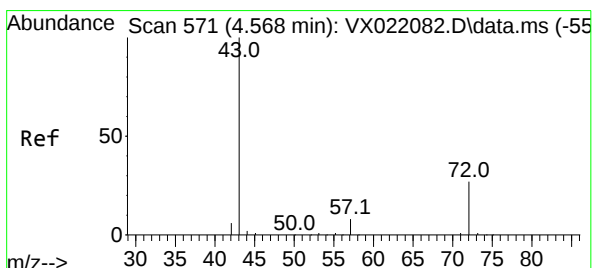
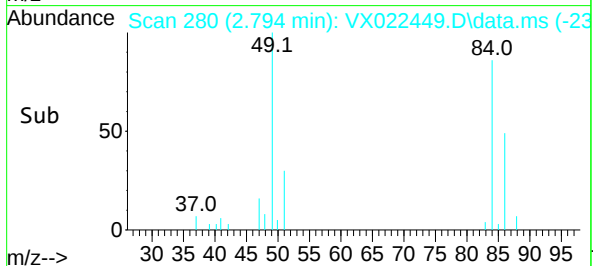
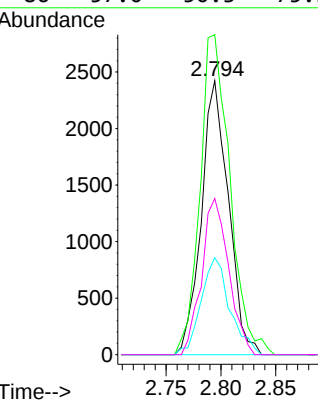
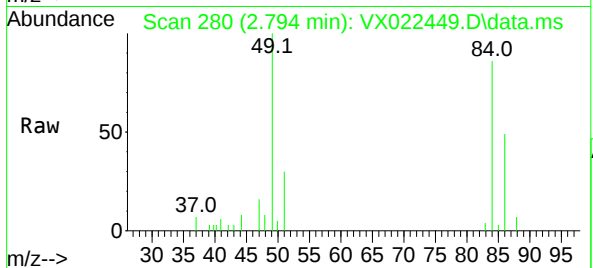
Ion Ratio Lower Upper

84 100

49 116.8 88.6 132.8

51 35.4 27.0 40.6

86 57.0 50.3 75.5



#25

2-Butanone

Concen: 3.230 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX022449.D

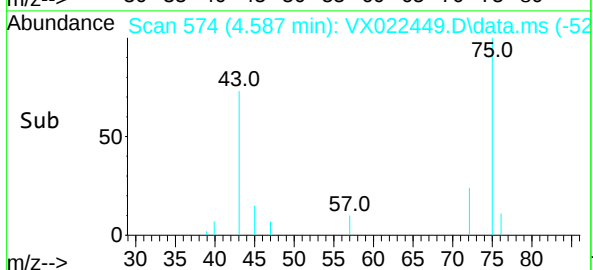
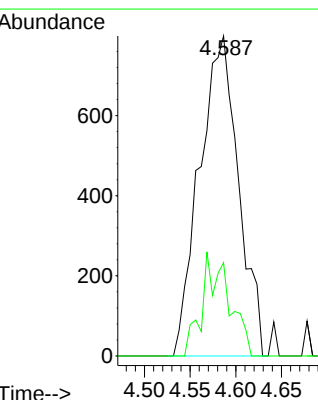
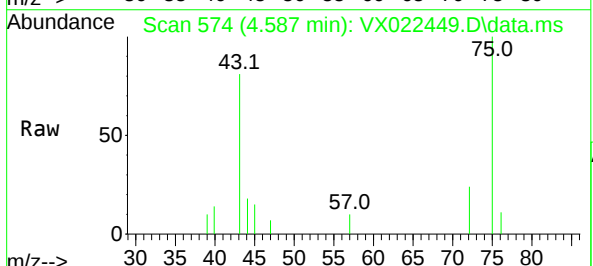
Acq: 05 Jun 2021 05:57

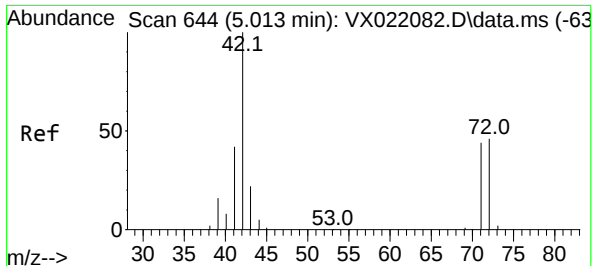
Tgt Ion: 43 Resp: 2365

Ion Ratio Lower Upper

43 100

72 29.2 23.7 35.5





#29

Tetrahydrofuran

Concen: 1.838 ug/l

RT: 5.044 min Scan# 649

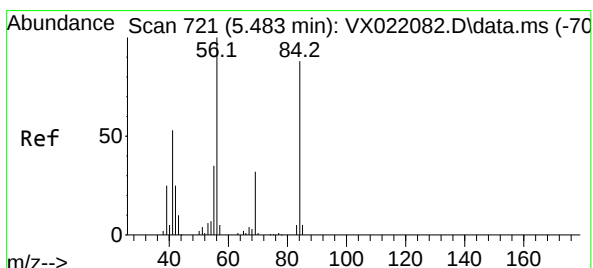
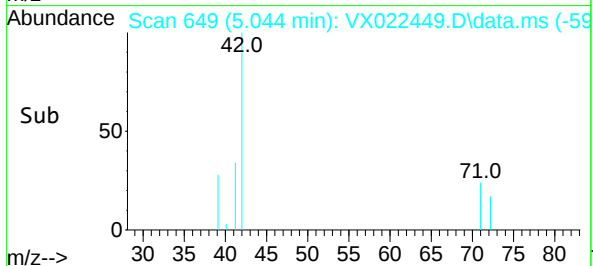
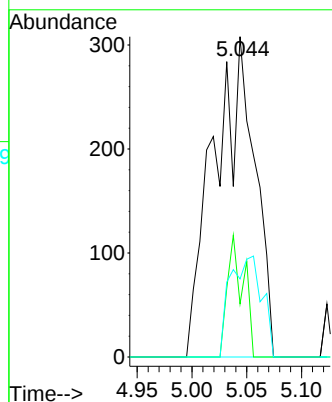
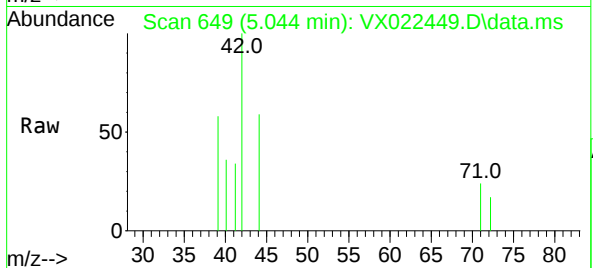
Delta R.T. 0.031 min

Lab File: VX022449.D

Acq: 05 Jun 2021 05:57

Tgt Ion:	42	Resp:	801
Ion	Ratio	Lower	Upper
42	100		
72	14.9	41.7	62.5#
71	24.5	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.371 ug/l

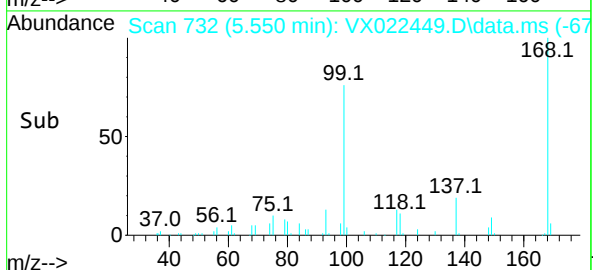
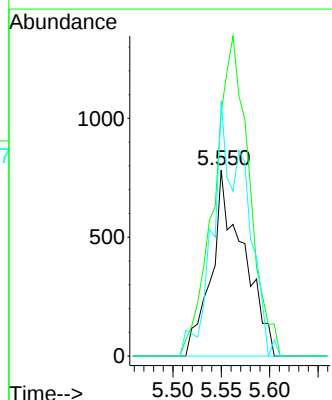
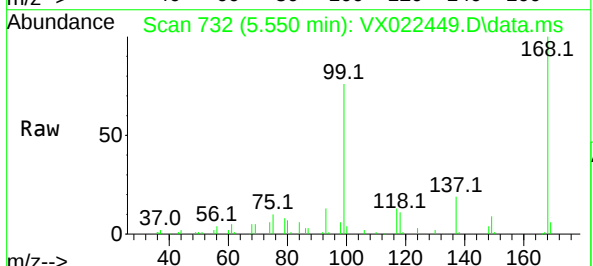
RT: 5.550 min Scan# 732

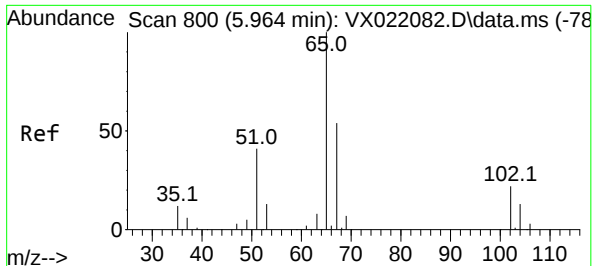
Delta R.T. 0.067 min

Lab File: VX022449.D

Acq: 05 Jun 2021 05:57

Tgt Ion:	56	Resp:	1790
Ion	Ratio	Lower	Upper
56	100		
69	131.1	25.3	37.9#
84	137.3	71.4	107.0#



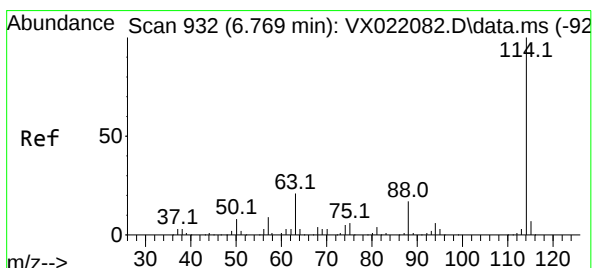
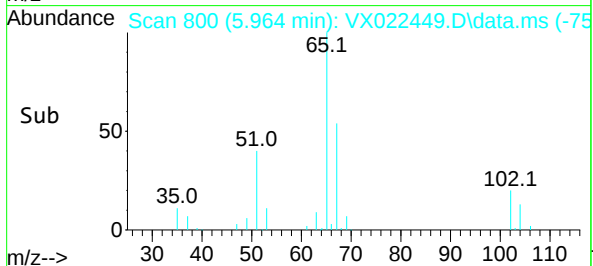
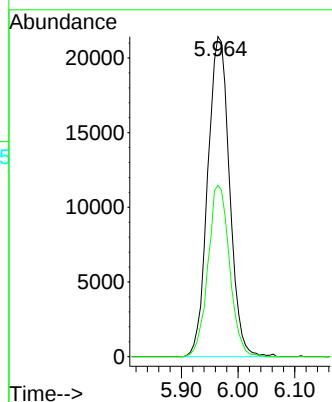
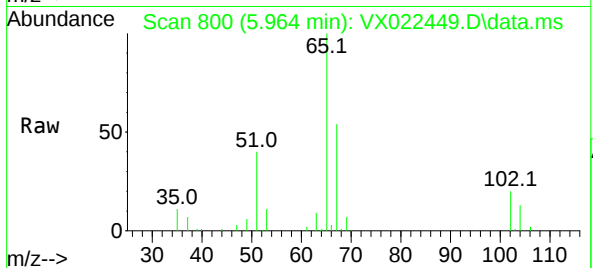


#33

1,2-Dichloroethane-d4
Concen: 54.981 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

Instrument :
MSVOA_X
ClientSampleId :

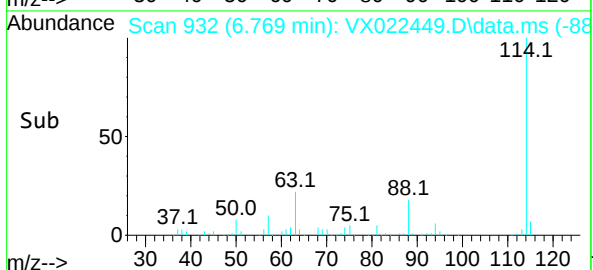
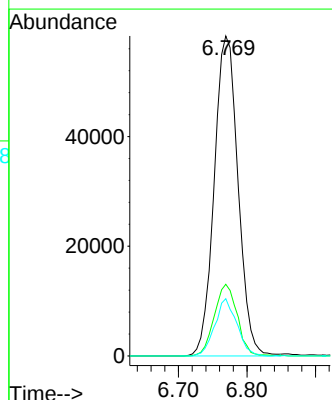
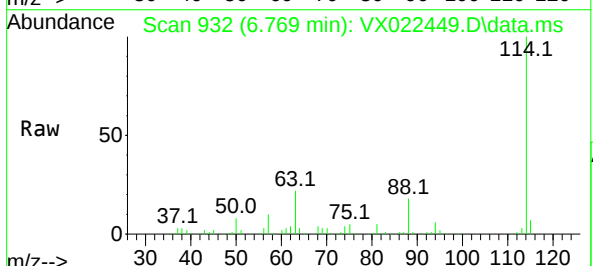
Tgt Ion: 65 Resp: 57142
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4



#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

Tgt Ion: 114 Resp: 140691
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 17.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.913 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022449.D

Acq: 05 Jun 2021 05:57

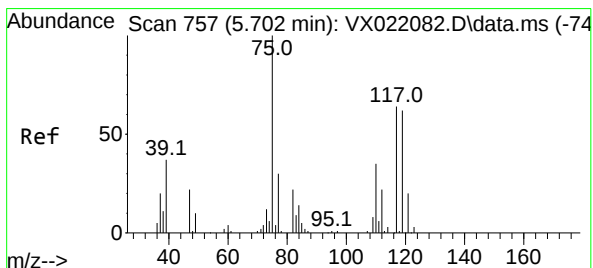
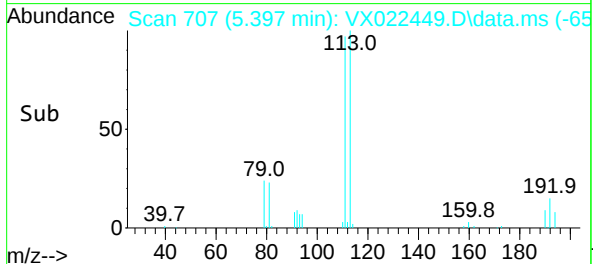
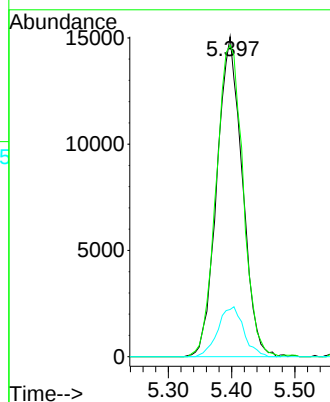
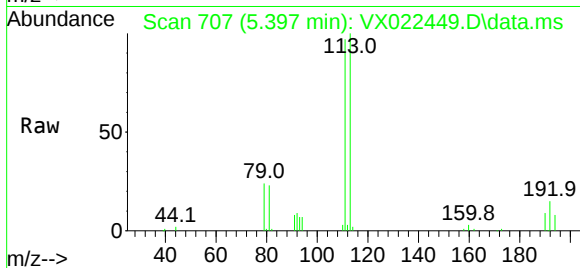
Tgt Ion:113 Resp: 41856

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

192 15.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.896 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022449.D

Acq: 05 Jun 2021 05:57

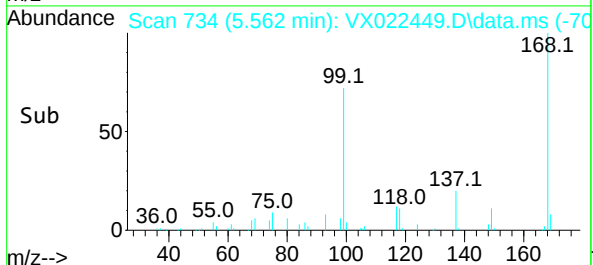
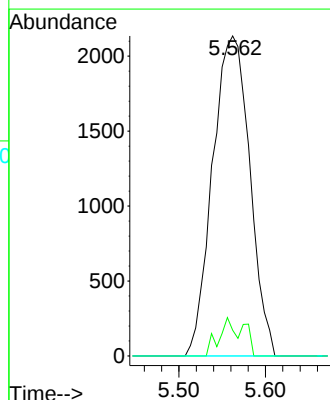
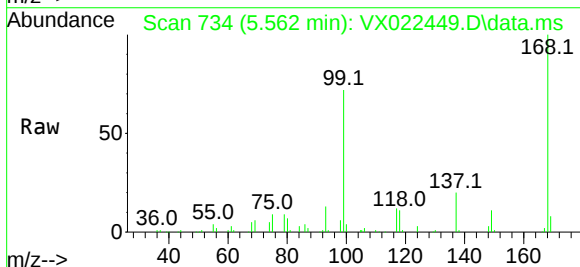
Tgt Ion: 75 Resp: 6370

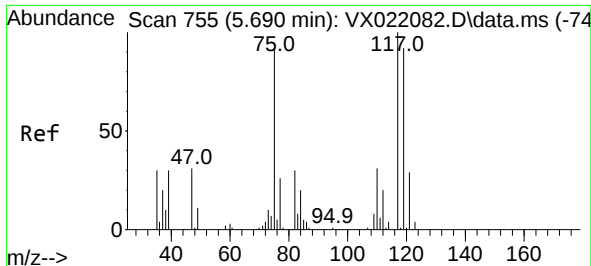
Ion Ratio Lower Upper

75 100

110 5.2 18.1 54.4#

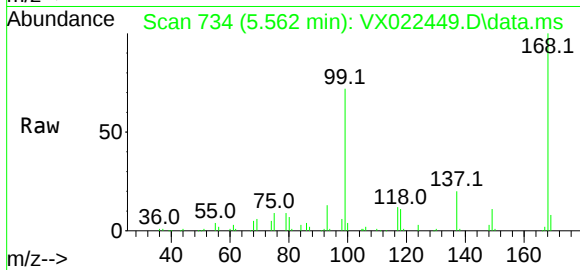
77 0.0 25.3 37.9#



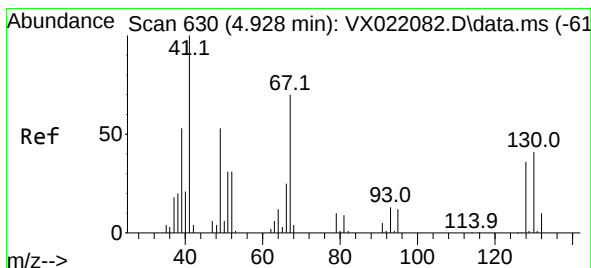
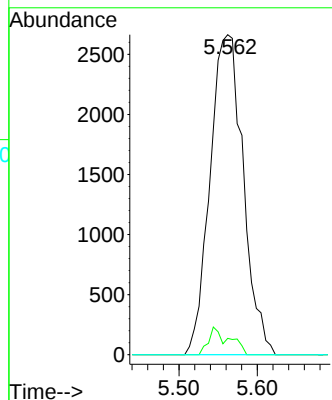
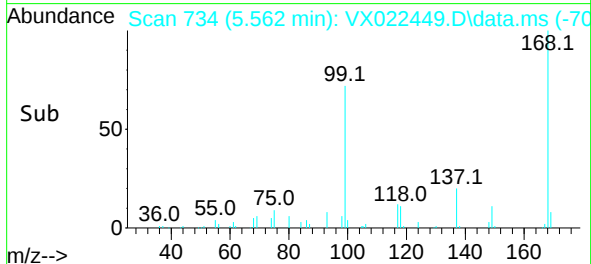


#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

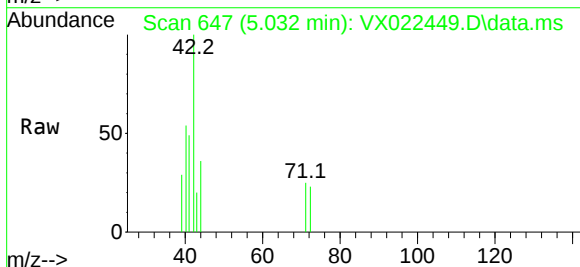
Instrument :
MSVOA_X
ClientSampled :



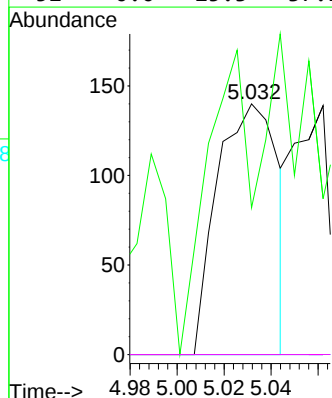
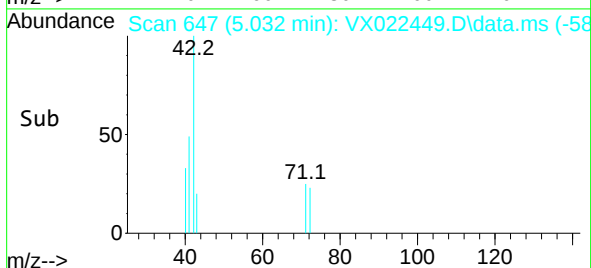
Tgt Ion: 117 Resp: 7842
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

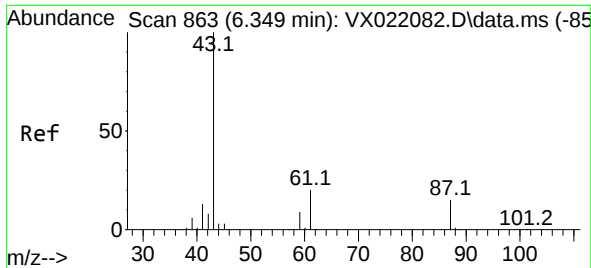


#41
Methacrylonitrile
Concen: 0.294 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57



Tgt Ion: 41 Resp: 251
Ion Ratio Lower Upper
41 100
39 83.3 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

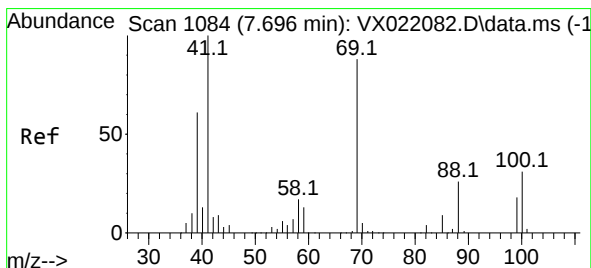
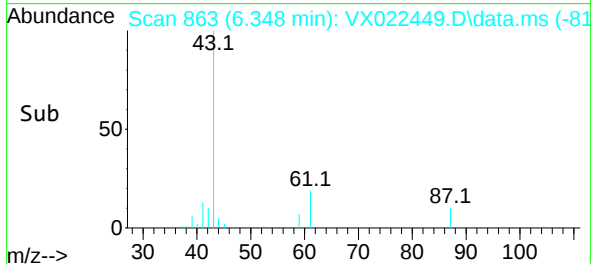
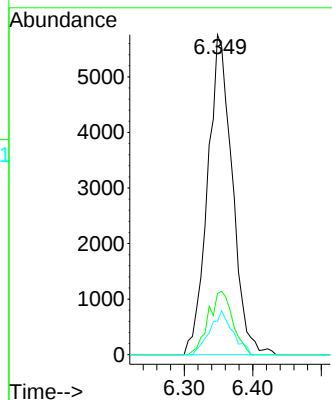
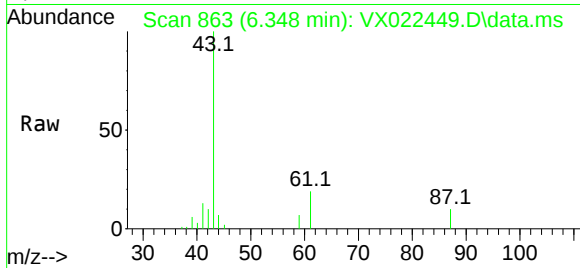




#43
Isopropyl Acetate
Concen: 5.500 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

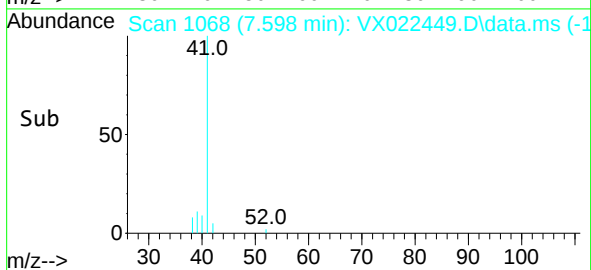
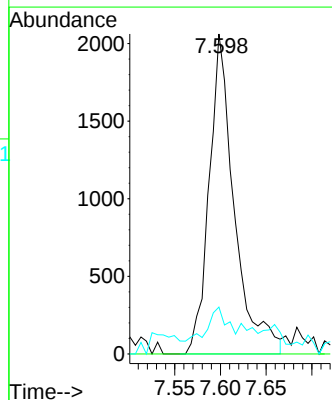
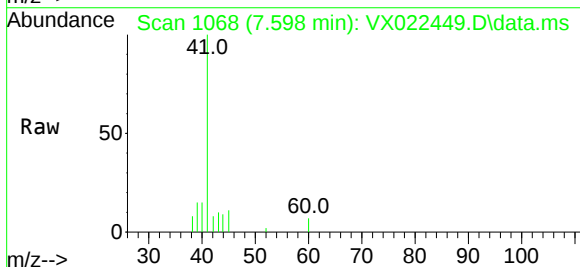
Instrument :
MSVOA_X
ClientSampleId :

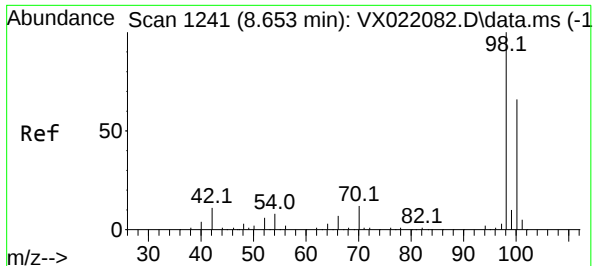
Tgt Ion:	43	Resp:	14346
Ion	Ratio	Lower	Upper
43	100		
61	19.5	18.2	27.4
87	12.7	12.5	18.7



#48
Methyl methacrylate
Concen: 3.280 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

Tgt Ion:	41	Resp:	3943
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

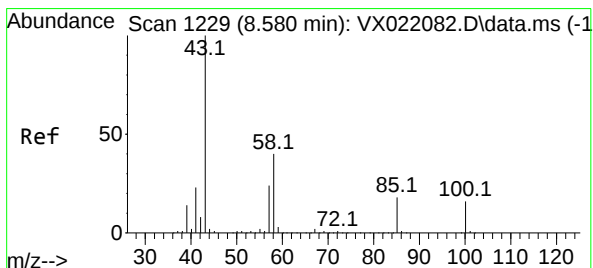
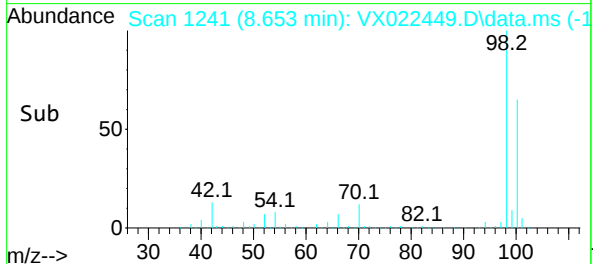
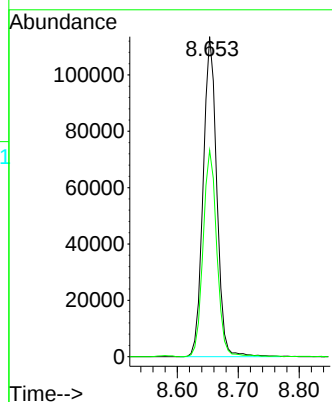
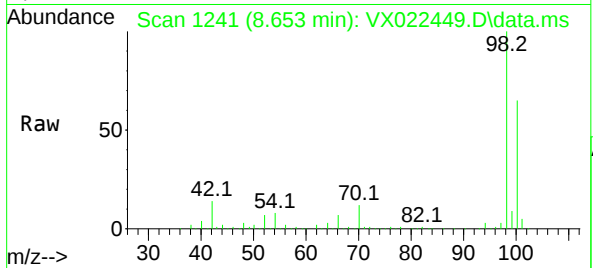




#50
Toluene-d8
Concen: 51.370 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

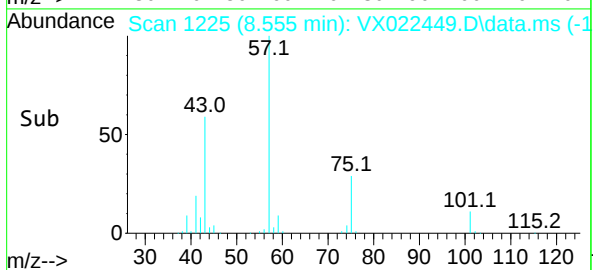
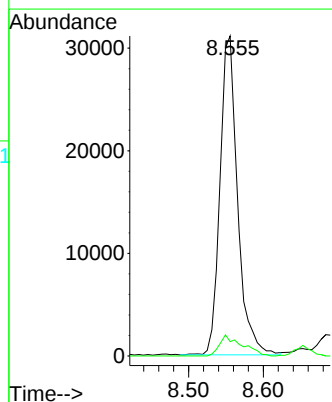
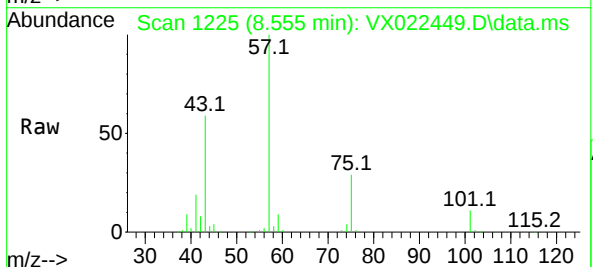
Instrument :
MSVOA_X
ClientSampled :

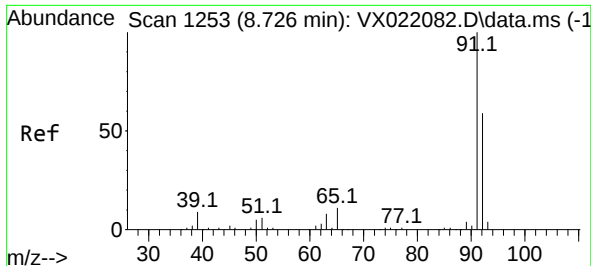
Tgt Ion: 98 Resp: 176552
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 32.584 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

Tgt Ion: 43 Resp: 50914
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#

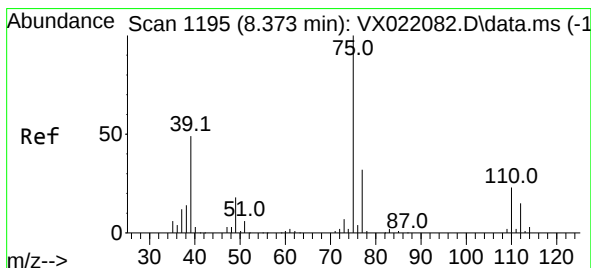
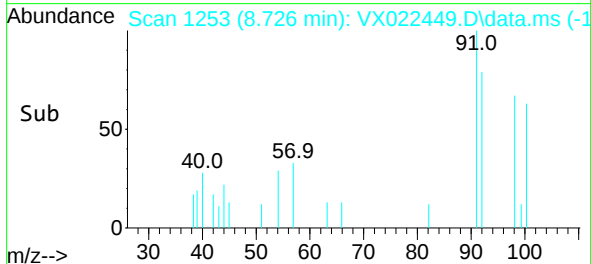
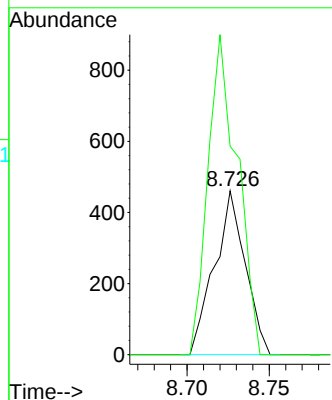
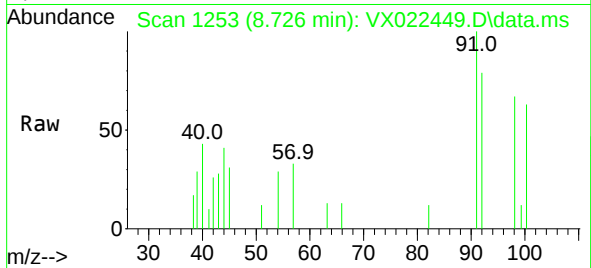




#52
Toluene
Concen: 0.238 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

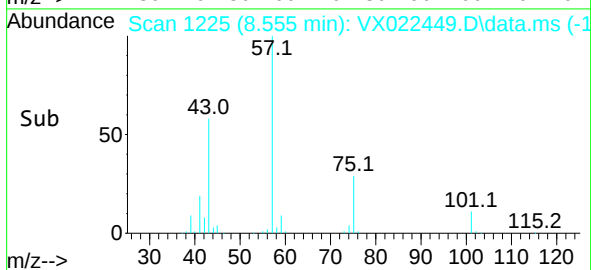
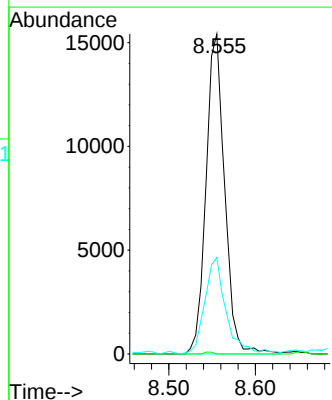
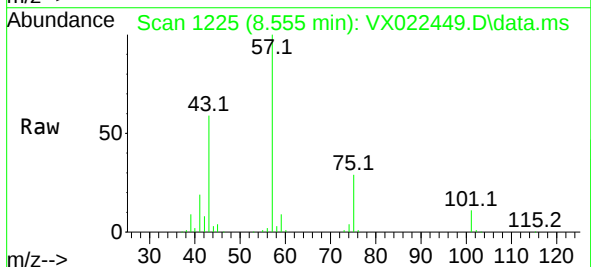
Instrument :
MSVOA_X
ClientSampleId :

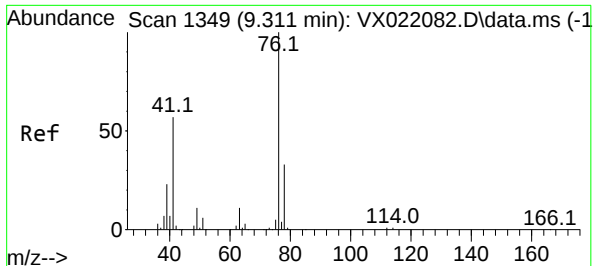
Tgt Ion: 92 Resp: 604
Ion Ratio Lower Upper
92 100
91 185.1 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 13.356 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

Tgt Ion: 75 Resp: 22977
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.2 35.1 52.7#





#57

1,3-Dichloropropane

Concen: 7.707 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX022449.D

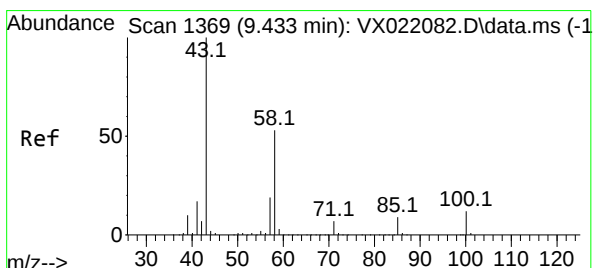
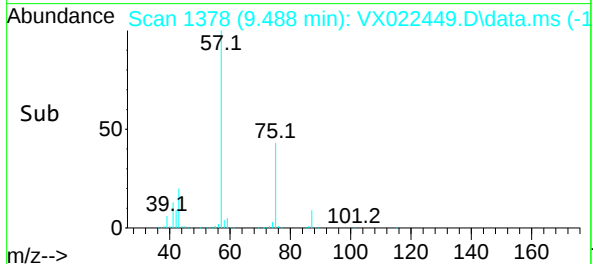
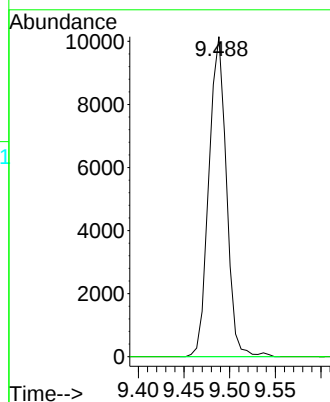
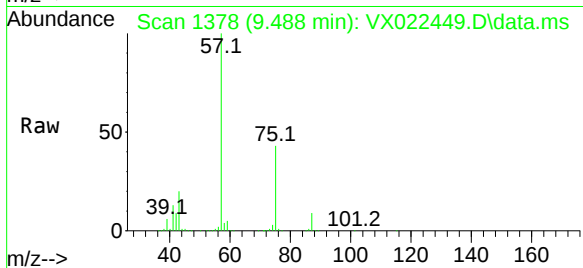
Acq: 05 Jun 2021 05:57

Tgt Ion: 76 Resp: 13541

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#59

2-Hexanone

Concen: 156.308 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX022449.D

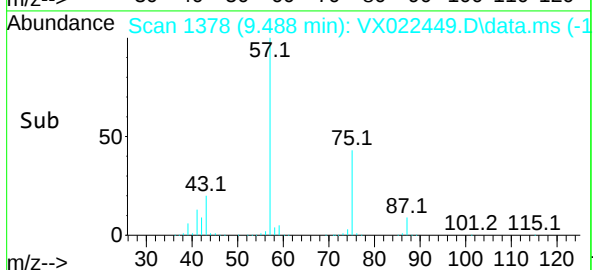
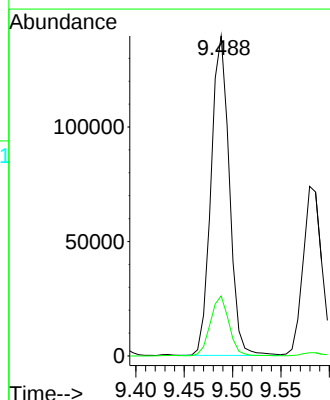
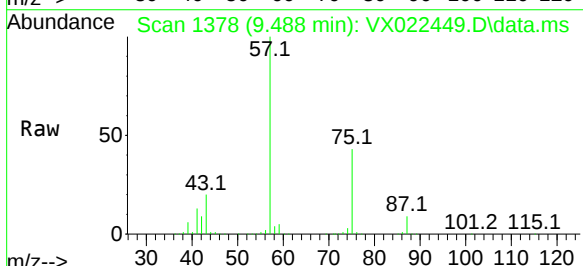
Acq: 05 Jun 2021 05:57

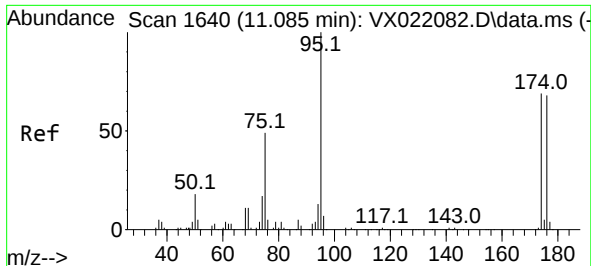
Tgt Ion: 43 Resp: 183693

Ion Ratio Lower Upper

43 100

58 19.1 30.9 92.8#

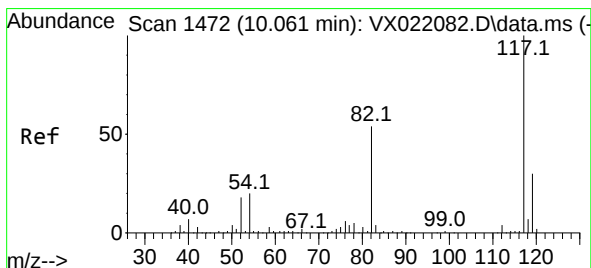
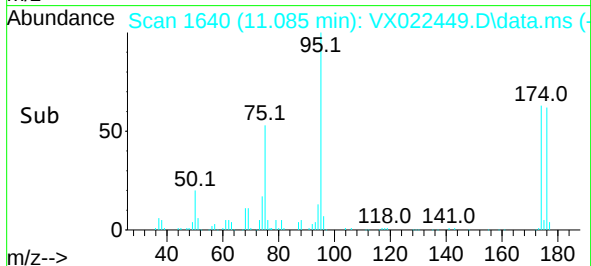
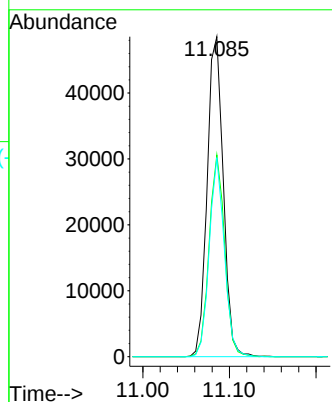
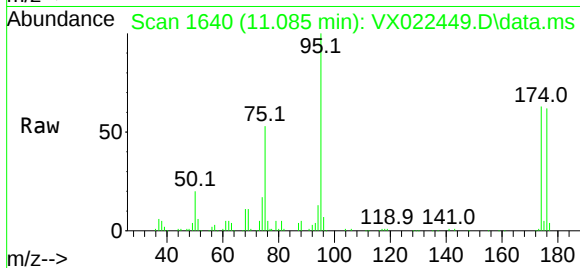




#62
4-Bromofluorobenzene
Concen: 49.304 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

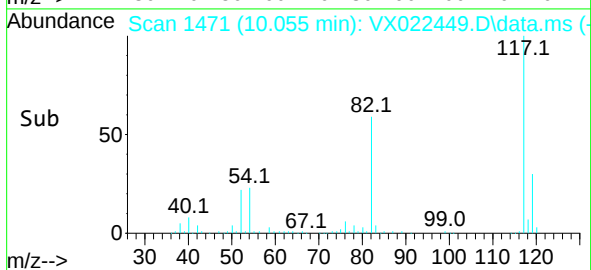
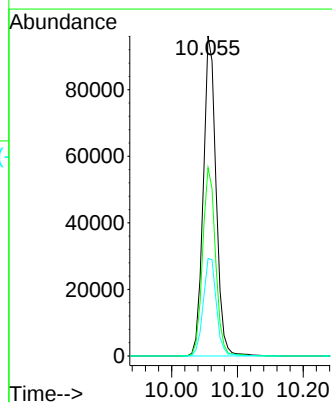
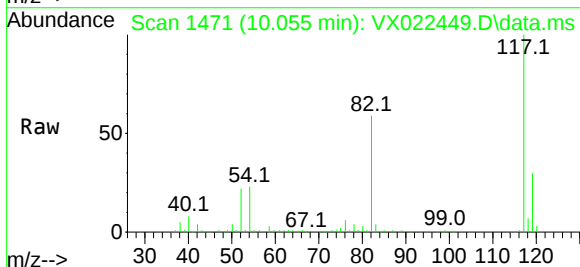
Instrument :
MSVOA_X
ClientSampleId :

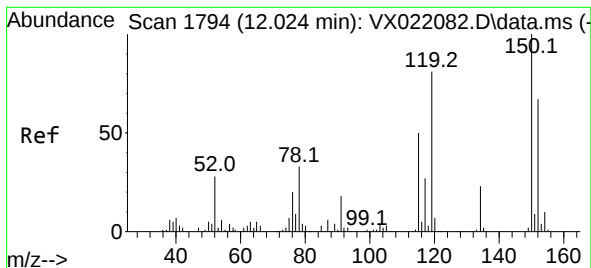
Tgt Ion: 95 Resp: 62632
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 58.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

Tgt Ion: 117 Resp: 129591
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 30.5 26.6 39.8

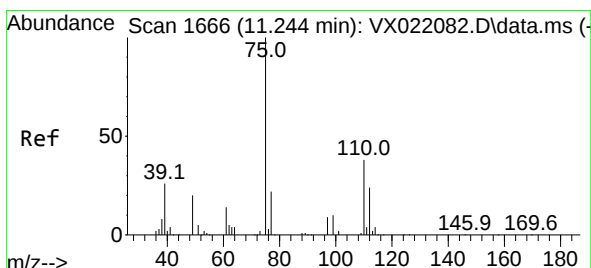
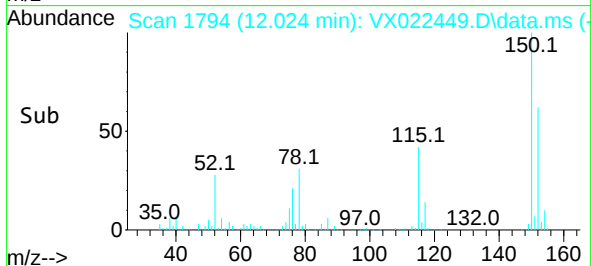
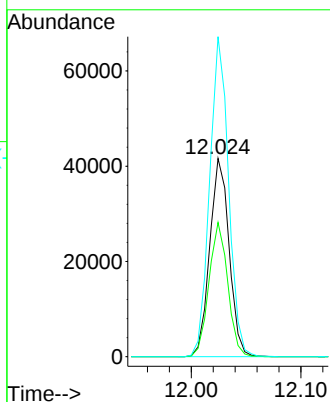
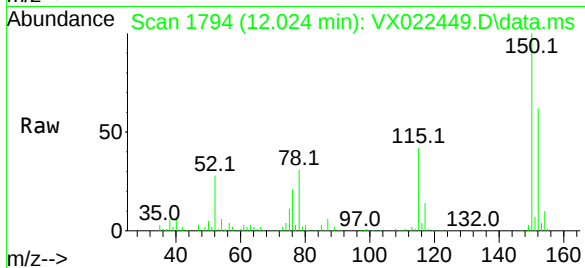




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022449.D
 Acq: 05 Jun 2021 05:57

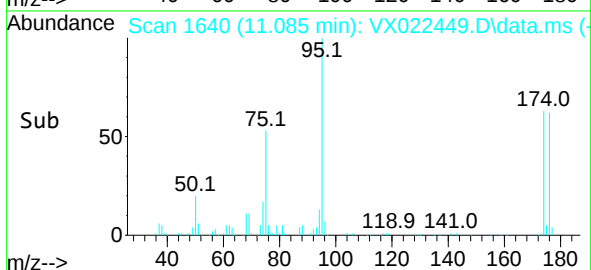
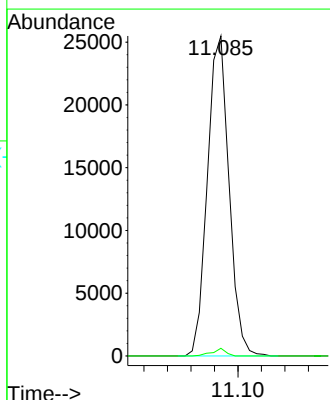
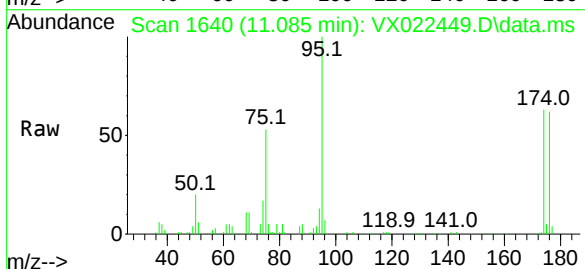
Instrument :
 MSVOA_X
 ClientSampled :

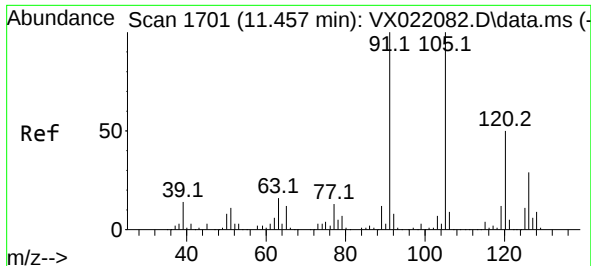
Tgt Ion:152 Resp: 51183
 Ion Ratio Lower Upper
 152 100
 115 65.5 41.1 123.3
 150 157.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.727 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022449.D
 Acq: 05 Jun 2021 05:57

Tgt Ion: 75 Resp: 32485
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#

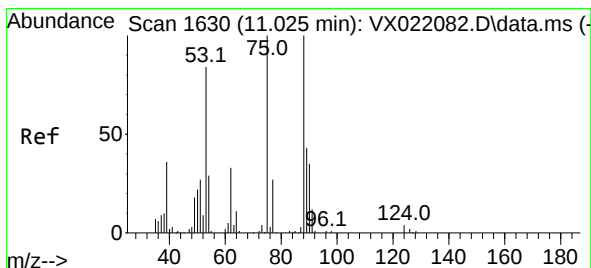
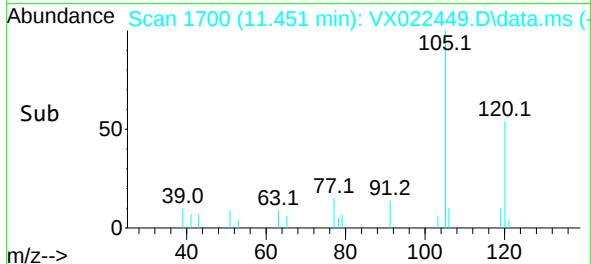
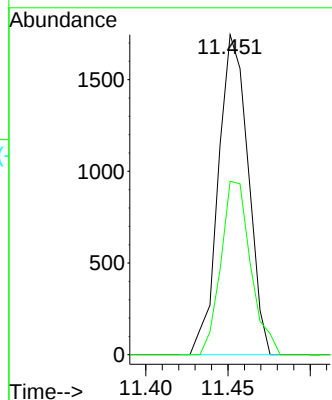
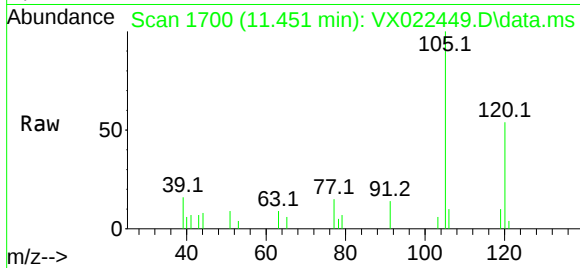




#80
1,3,5-Trimethylbenzene
Concen: 0.611 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2194
Ion Ratio Lower Upper
105 100
120 54.4 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 60.956 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022449.D
Acq: 05 Jun 2021 05:57

Tgt Ion: 75 Resp: 32485
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

