

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022437.D
 Acq On : 05 Jun 2021 01:15
 Operator : JC/MD
 Sample : PB136806ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 06:20:58 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)

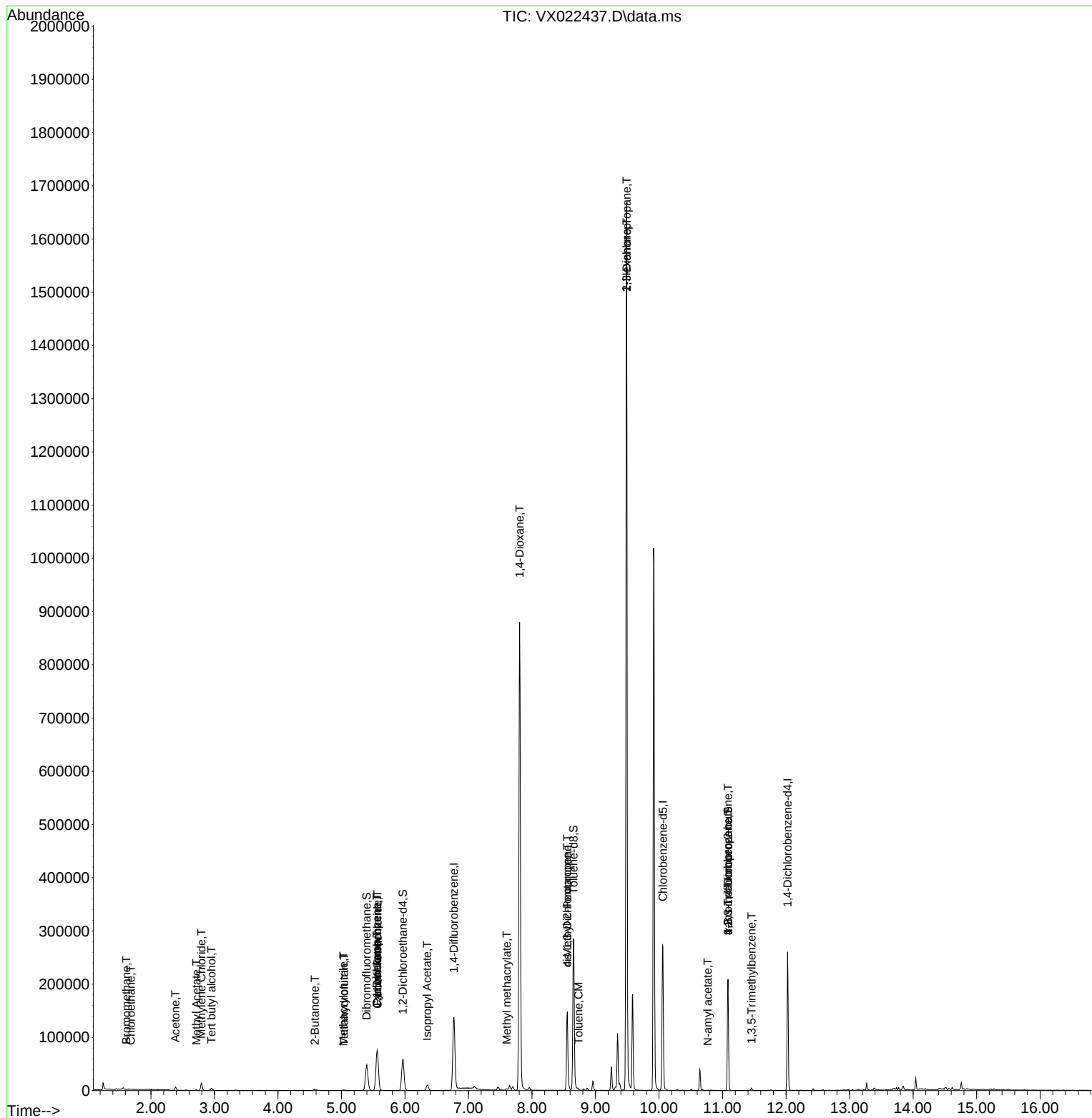
Internal Standards						
1) Pentafluorobenzene	5.562	168	65483	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133859	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	120316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55841	55.282	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	110.560%	
35) Dibromofluoromethane	5.397	113	40505	47.716	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	95.440%	
50) Toluene-d8	8.653	98	167833	51.326	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	102.660%	
62) 4-Bromofluorobenzene	11.085	95	57852	47.866	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	95.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	191	0.361	ug/l	# 60
6) Chloroethane	1.684	64	120	0.222	ug/l	# 43
11) Tert butyl alcohol	2.952	59	2668	11.548	ug/l	# 73
16) Acetone	2.385	43	6688	15.206	ug/l	90
18) Methyl Acetate	2.715	43	1273	1.088	ug/l	92
20) Methylene Chloride	2.794	84	5611	5.746	ug/l	89
25) 2-Butanone	4.580	43	2376	3.339	ug/l	# 84
29) Tetrahydrofuran	5.043	42	782	1.846	ug/l	# 69
31) Cyclohexane	5.556	56	2079	1.638	ug/l	# 57
36) 1,1-Dichloropropene	5.556	75	6059	4.895	ug/l	# 48
38) Carbon Tetrachloride	5.568	117	7572	6.254	ug/l	# 18
41) Methacrylonitrile	5.031	41	479	0.590	ug/l	# 25
43) Isopropyl Acetate	6.348	43	14676	5.913	ug/l	93
48) Methyl methacrylate	7.604	41	4302	3.761	ug/l	# 10
49) 1,4-Dioxane	7.805	88	91	4.086	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	51895	34.907	ug/l	# 45
52) Toluene	8.732	92	823	0.341	ug/l	77
54) cis-1,3-Dichloropropene	8.555	75	23407	14.301	ug/l	# 65
57) 1,3-Dichloropropane	9.488	76	13733	8.215	ug/l	# 43
59) 2-Hexanone	9.488	43	190364	170.252	ug/l	# 45
74) N-amyl acetate	10.768	43	378	0.207	ug/l	# 42
76) 1,2,3-Trichloropropane	11.085	75	30690	27.430	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2244	0.705	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.085	75	30690	64.992	ug/l	# 12

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

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ClientSampleId :

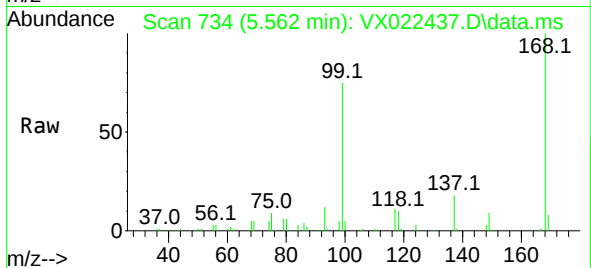
Quant Time: Jun 05 06:20:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



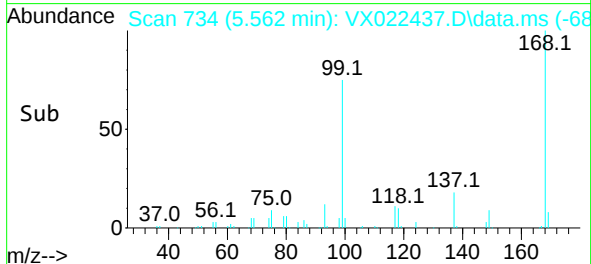
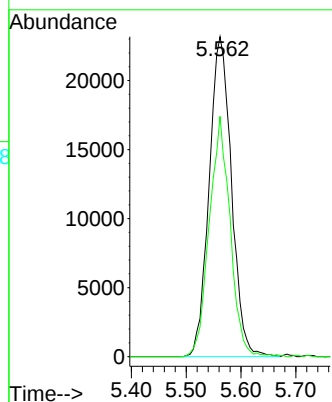


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Instrument :
MSVOA_X
ClientSampled :

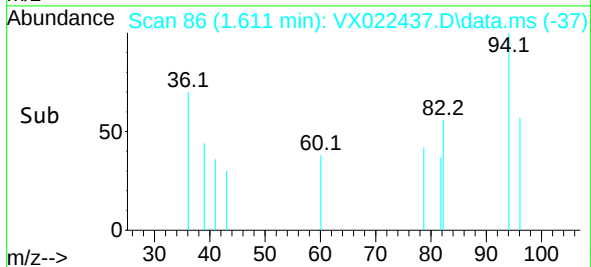
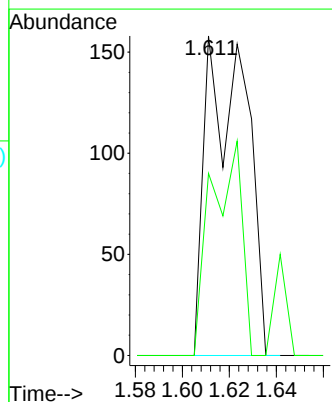
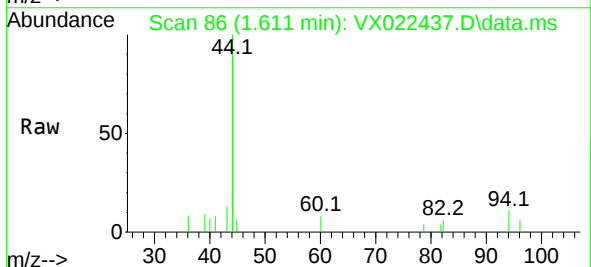


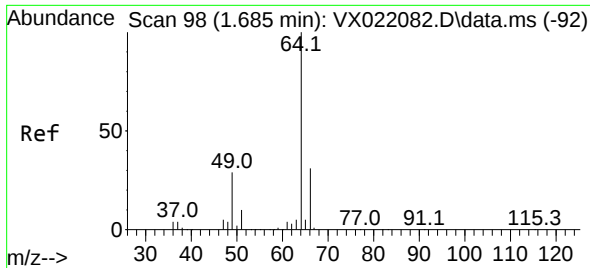
Tgt Ion:168 Resp: 65483
Ion Ratio Lower Upper
168 100
99 75.1 45.8 68.6#



#5
Bromomethane
Concen: 0.361 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 57.0 76.4 114.6#

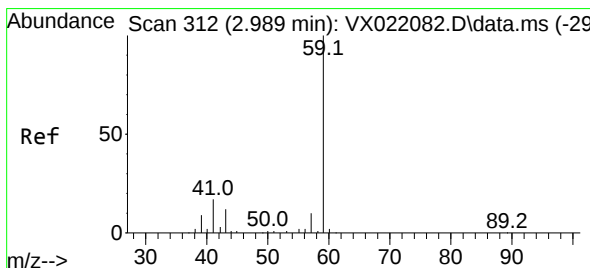
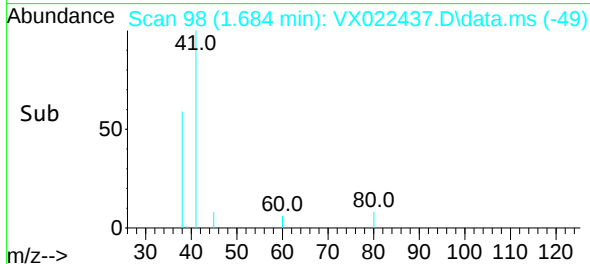
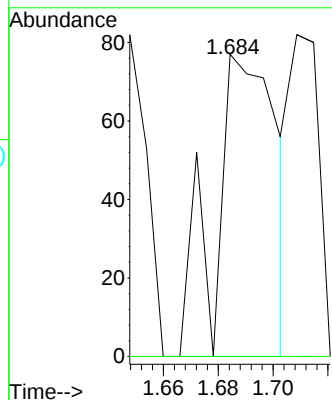
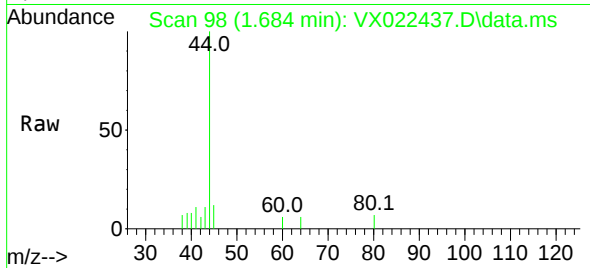




#6
Chloroethane
Concen: 0.222 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

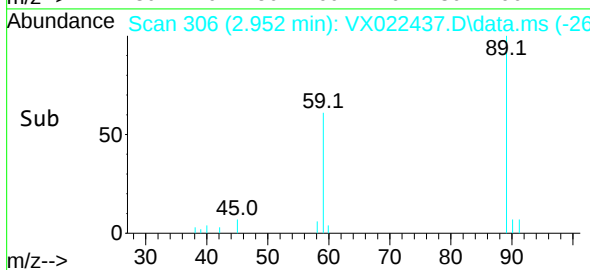
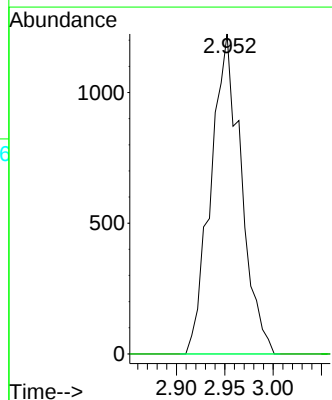
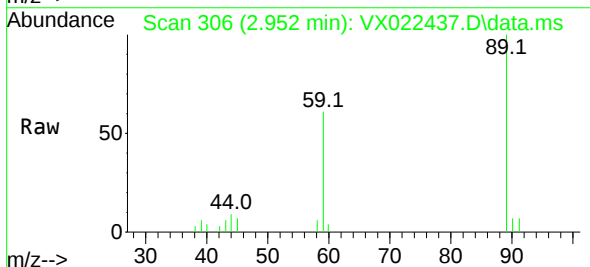
Instrument :
MSVOA_X
ClientSampled :

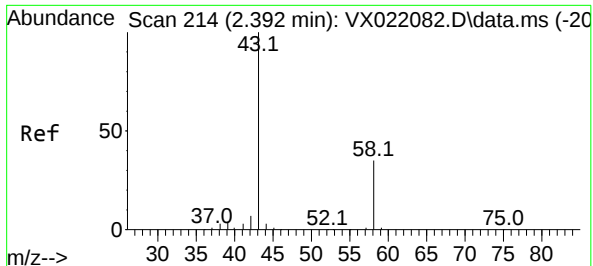
Tgt Ion: 64 Resp: 120
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 11.548 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Tgt Ion: 59 Resp: 2668
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

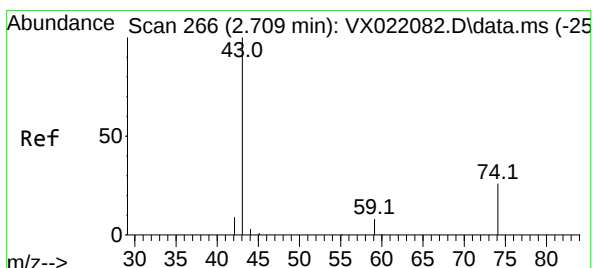
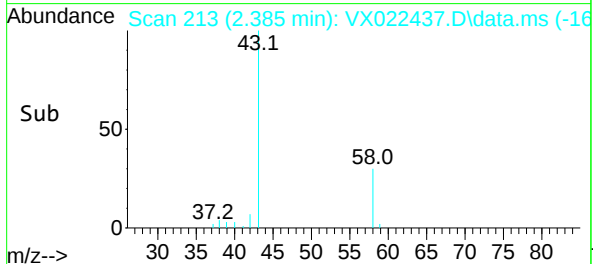
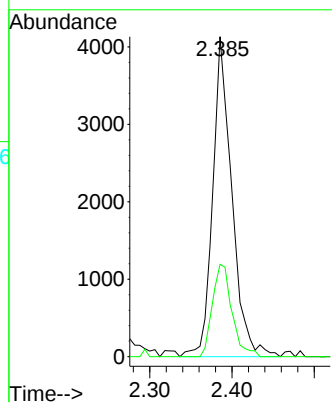
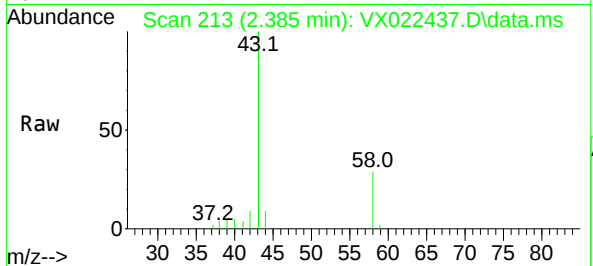




#16
Acetone
Concen: 15.206 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

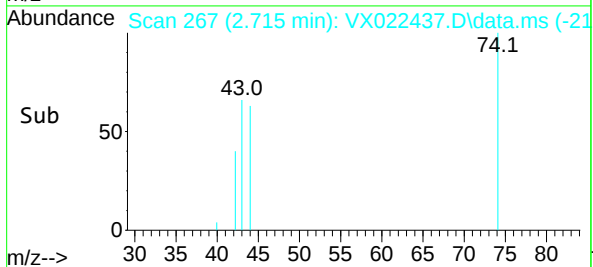
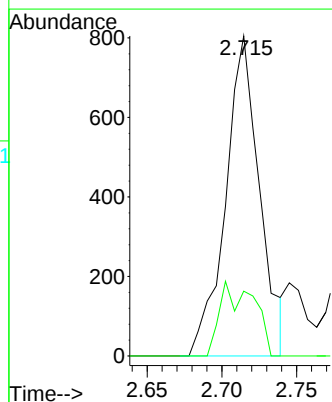
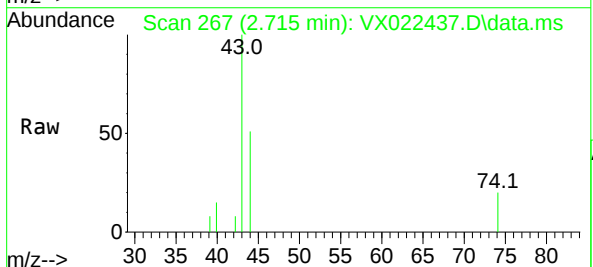
Instrument :
MSVOA_X
ClientSampled :

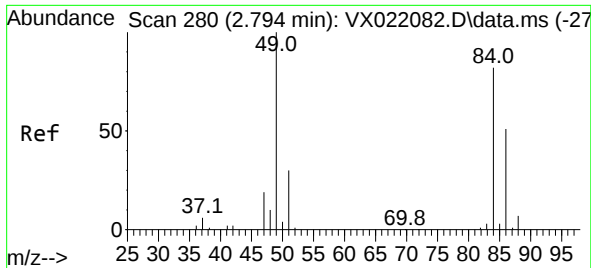
Tgt Ion: 43 Resp: 6688
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8



#18
Methyl Acetate
Concen: 1.088 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
74 23.2 21.9 32.9





#20

Methylene Chloride

Concen: 5.746 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX022437.D

Acq: 05 Jun 2021 01:15

Tgt Ion: 84 Resp: 5611

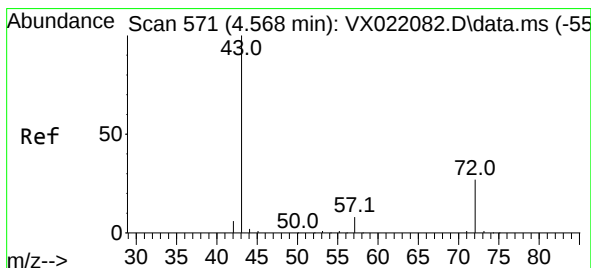
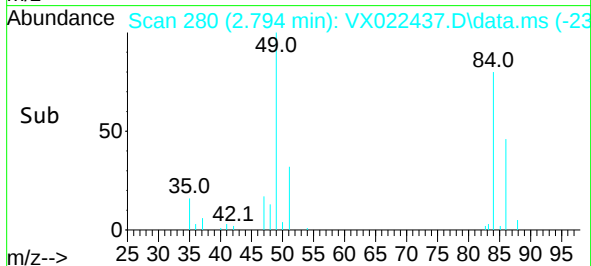
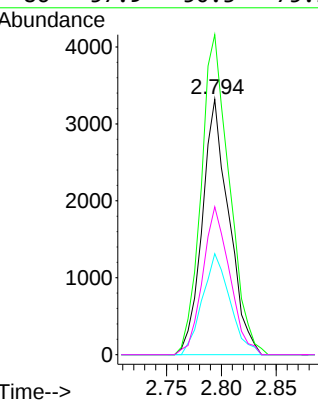
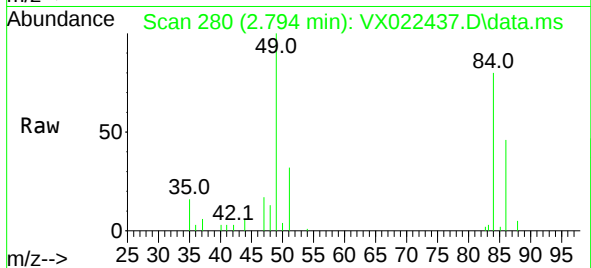
Ion Ratio Lower Upper

84 100

49 125.3 88.6 132.8

51 39.5 27.0 40.6

86 57.9 50.3 75.5



#25

2-Butanone

Concen: 3.339 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022437.D

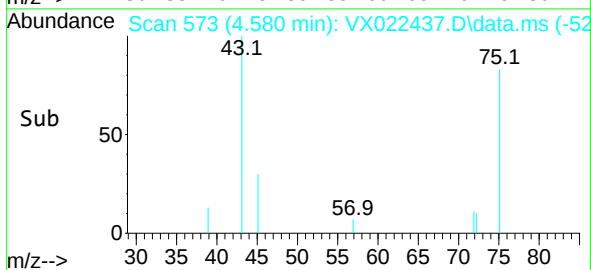
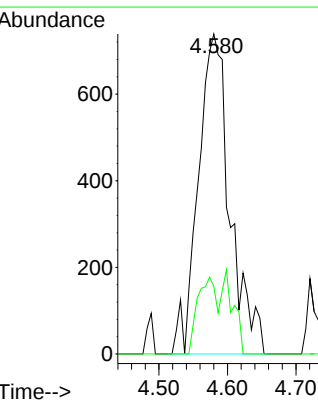
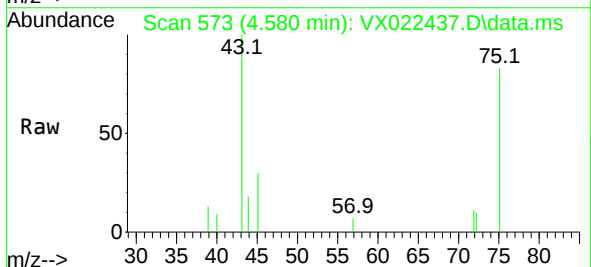
Acq: 05 Jun 2021 01:15

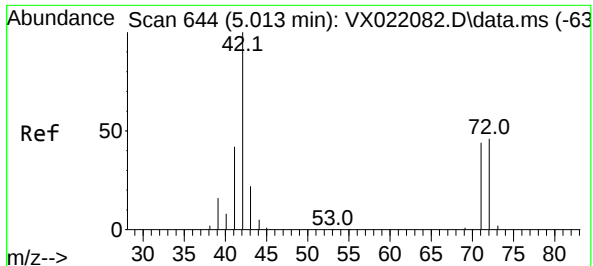
Tgt Ion: 43 Resp: 2376

Ion Ratio Lower Upper

43 100

72 21.1 23.7 35.5#





#29

Tetrahydrofuran

Concen: 1.846 ug/l

RT: 5.043 min Scan# 649

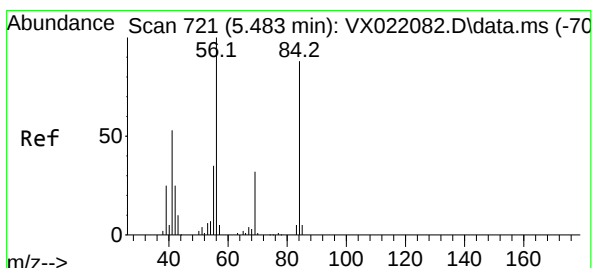
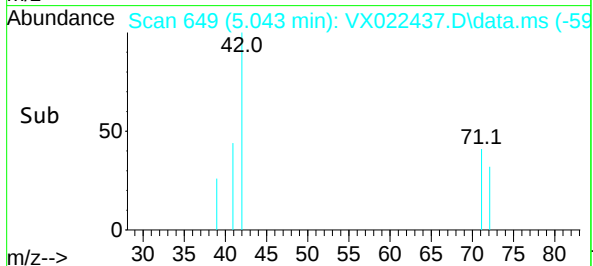
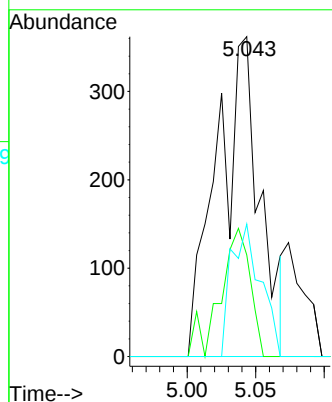
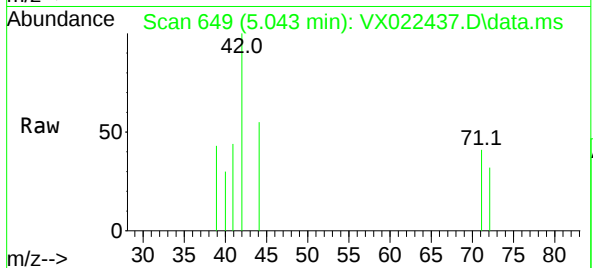
Delta R.T. 0.030 min

Lab File: VX022437.D

Acq: 05 Jun 2021 01:15

Tgt Ion:	42	Resp:	782
Ion	Ratio	Lower	Upper
42	100		
72	28.3	41.7	62.5#
71	28.5	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.638 ug/l

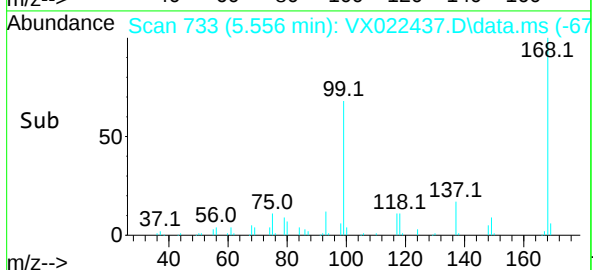
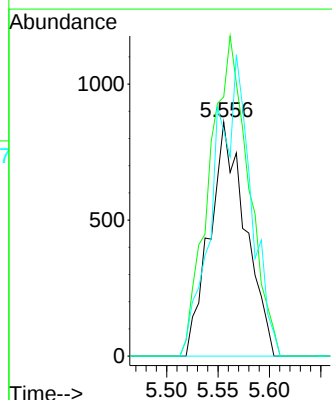
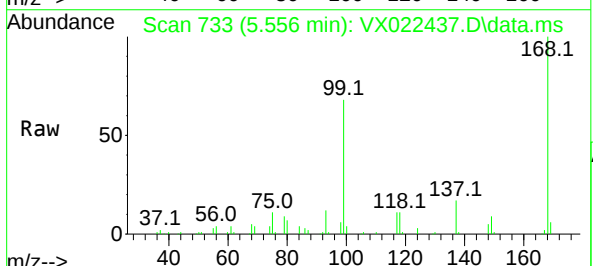
RT: 5.556 min Scan# 733

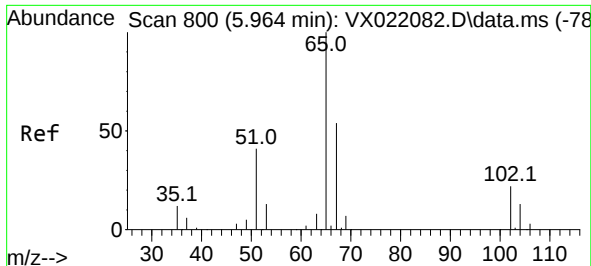
Delta R.T. 0.073 min

Lab File: VX022437.D

Acq: 05 Jun 2021 01:15

Tgt Ion:	56	Resp:	2079
Ion	Ratio	Lower	Upper
56	100		
69	110.8	25.3	37.9#
84	96.4	71.4	107.0



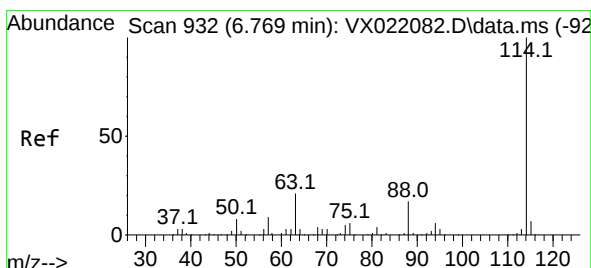
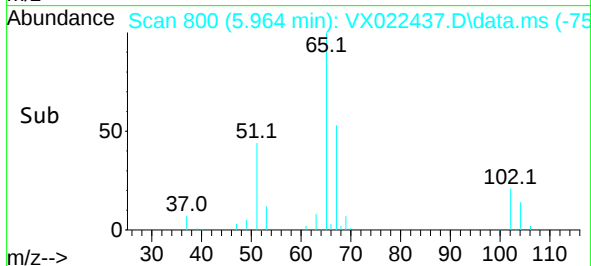
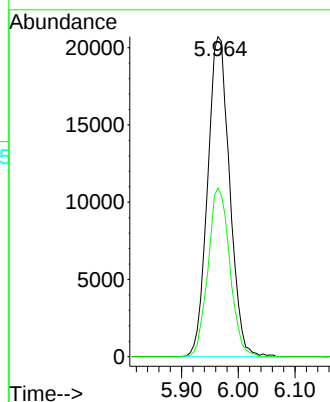
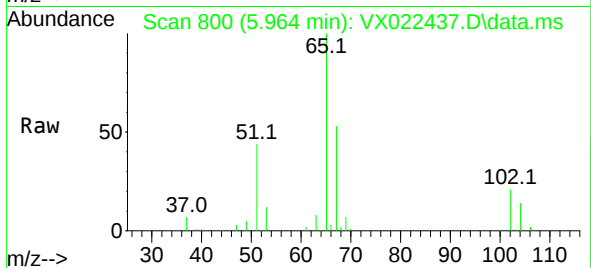


#33

1,2-Dichloroethane-d4
Concen: 55.282 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Instrument :
MSVOA_X
ClientSampleId :

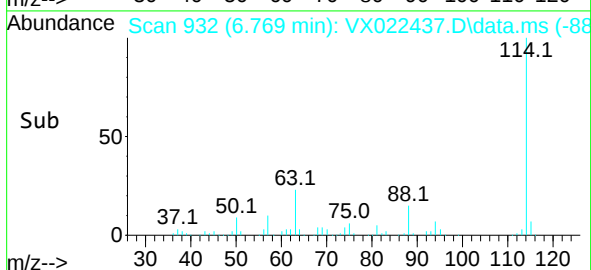
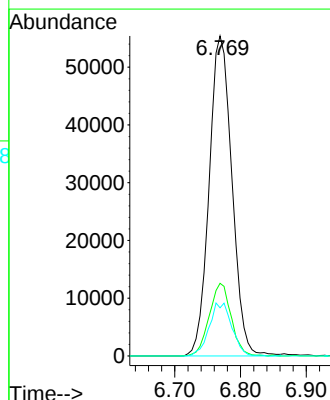
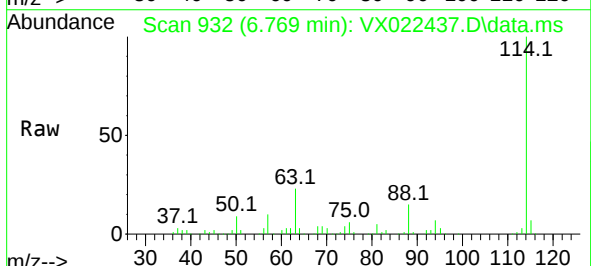
Tgt Ion: 65 Resp: 55841
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

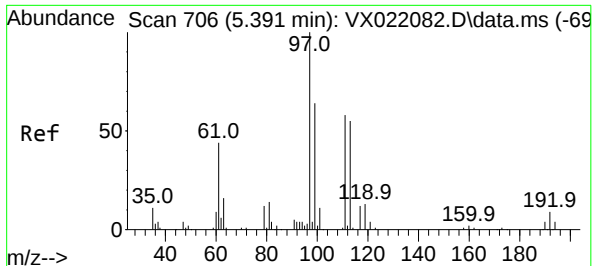


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Tgt Ion: 114 Resp: 133859
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 15.0 0.0 32.8

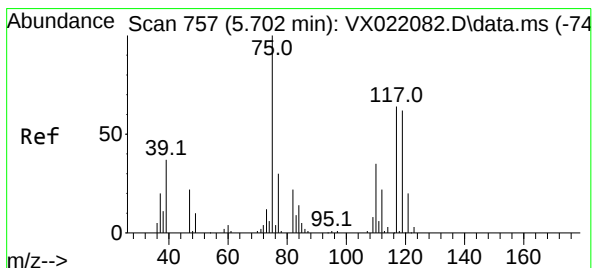
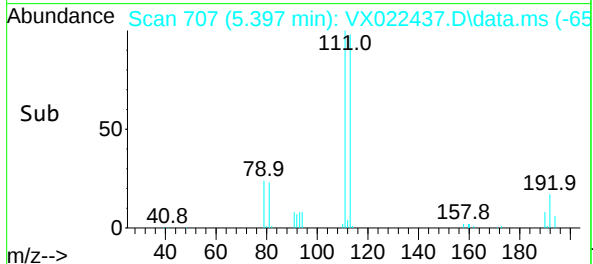
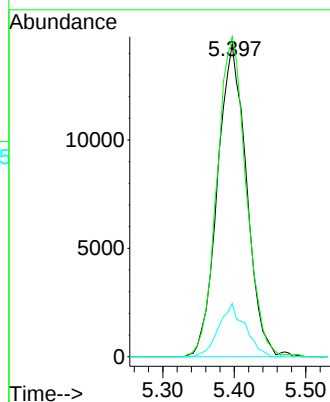
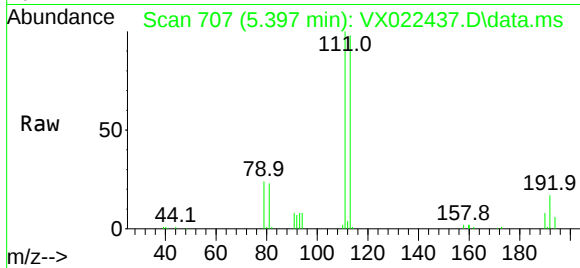




#35
Dibromofluoromethane
Concen: 47.716 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

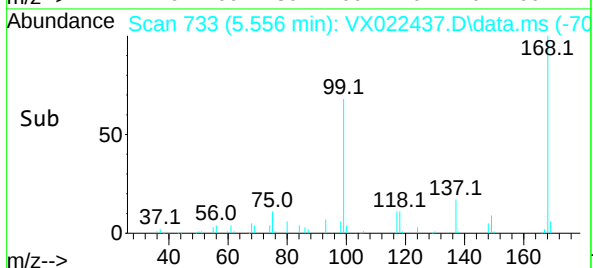
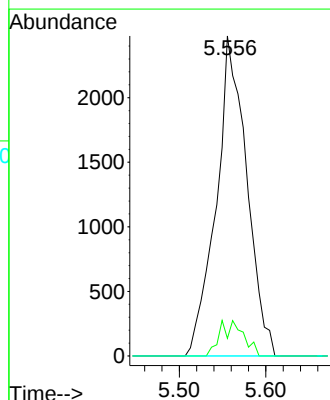
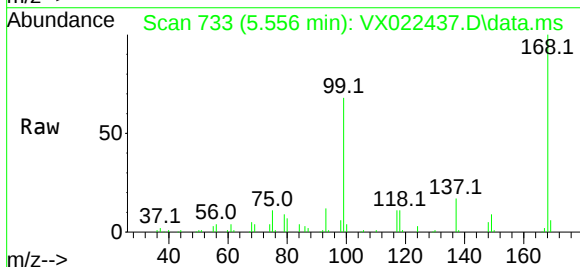
Instrument :
MSVOA_X
ClientSampled :

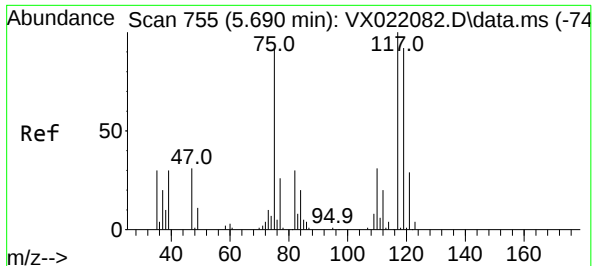
Tgt Ion:113 Resp: 40505
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 15.5 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.895 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

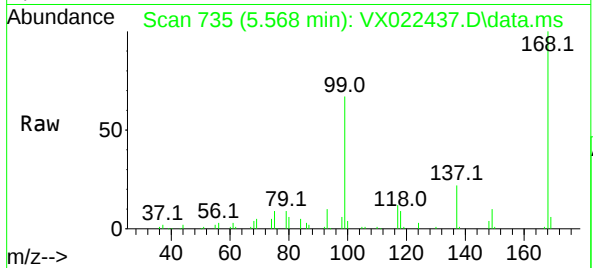
Tgt Ion: 75 Resp: 6059
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



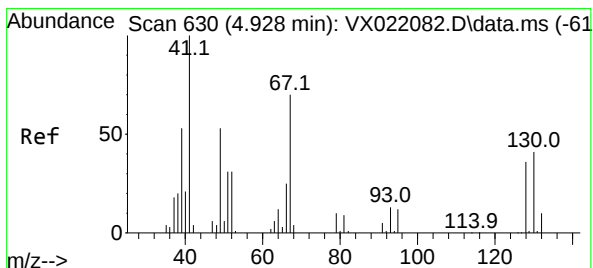
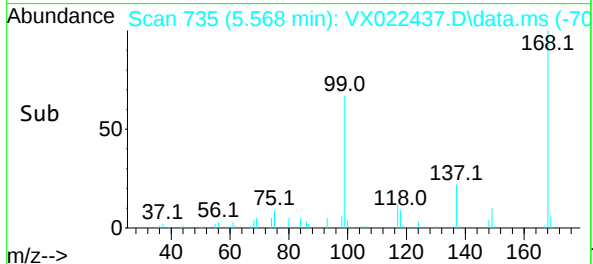
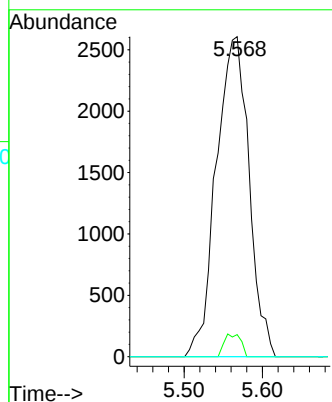


#38
Carbon Tetrachloride
Concen: 6.254 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Instrument :
MSVOA_X
ClientSampled :

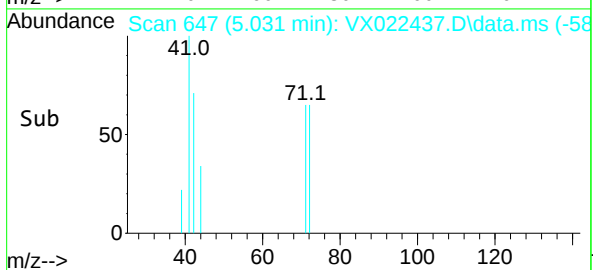
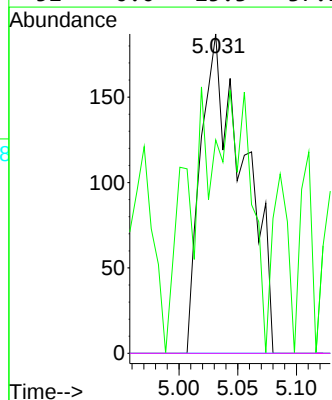
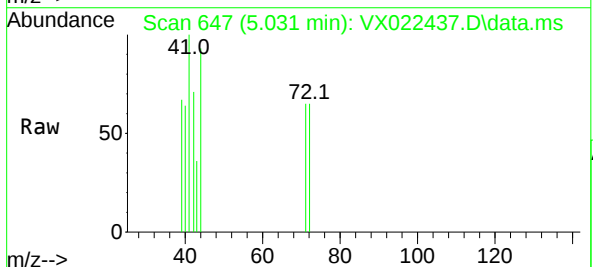


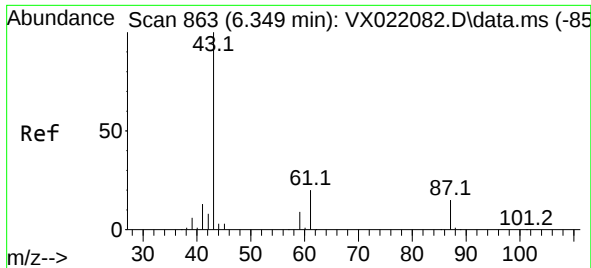
Tgt Ion: 117 Resp: 7572
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.590 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.103 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Tgt Ion: 41 Resp: 479
Ion Ratio Lower Upper
41 100
39 10.4 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

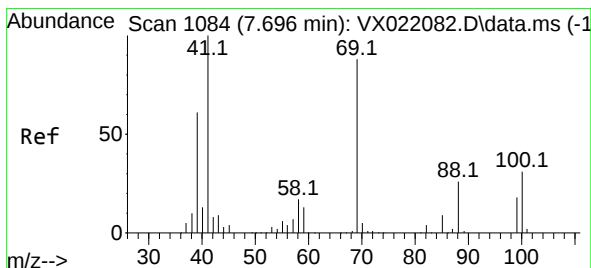
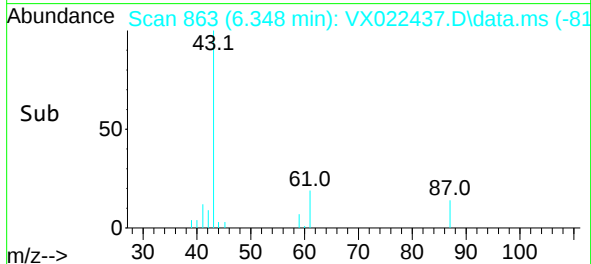
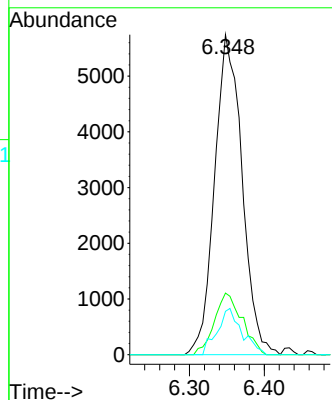
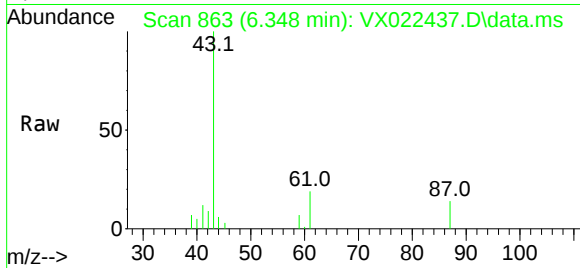




#43
Isopropyl Acetate
Concen: 5.913 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

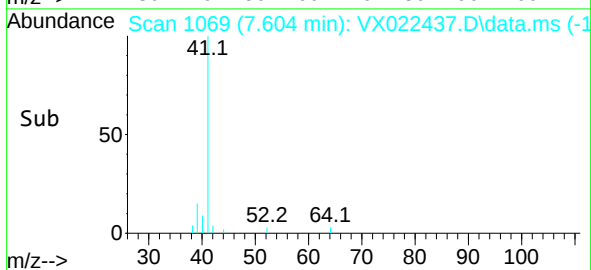
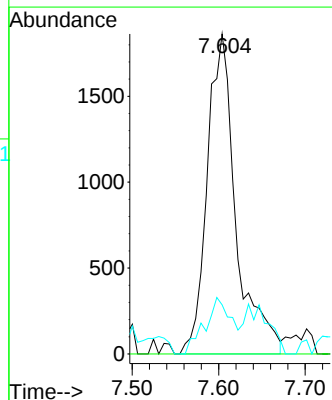
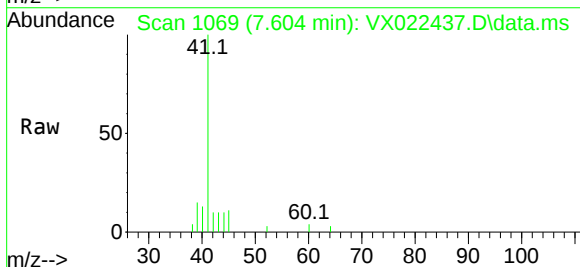
Instrument :
MSVOA_X
ClientSampleId :

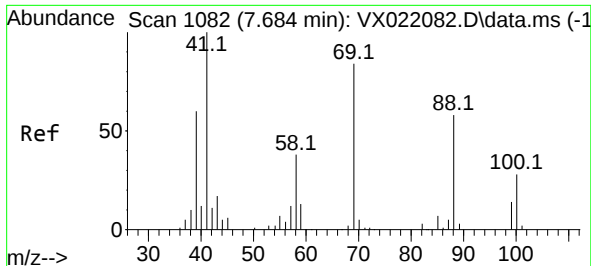
Tgt Ion:	43	Resp:	14676
Ion	Ratio	Lower	Upper
43	100		
61	19.5	18.2	27.4
87	13.0	12.5	18.7



#48
Methyl methacrylate
Concen: 3.761 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Tgt Ion:	41	Resp:	4302
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#





#49

1,4-Dioxane

Concen: 4.086 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.121 min

Lab File: VX022437.D

Acq: 05 Jun 2021 01:15

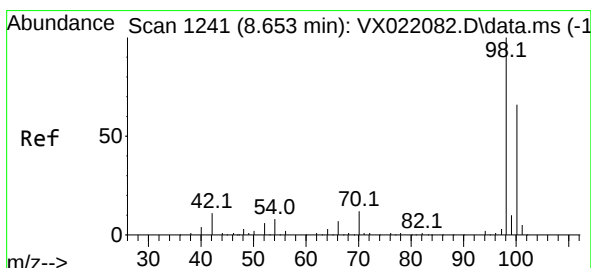
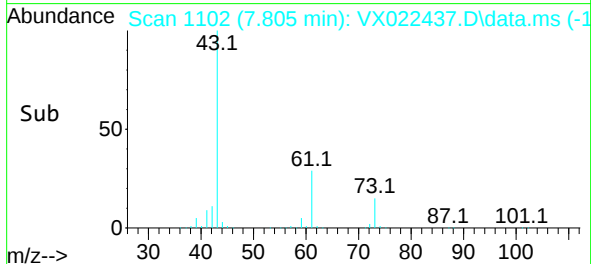
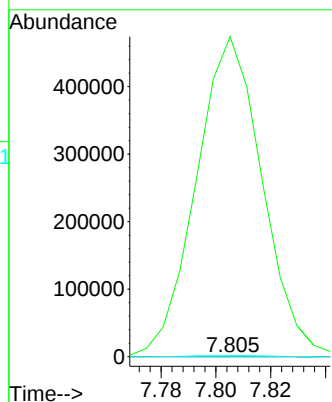
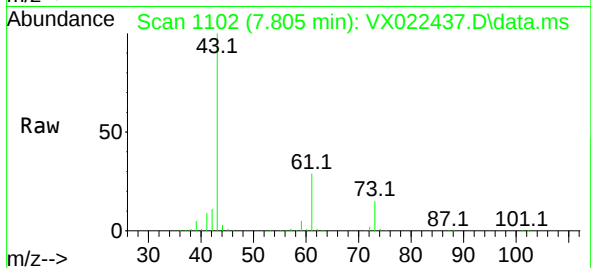
Tgt Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

43 882033.0 23.2 34.8#

58 3586.8 55.0 82.4#



#50

Toluene-d8

Concen: 51.326 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022437.D

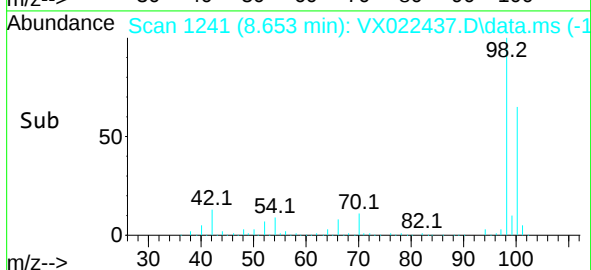
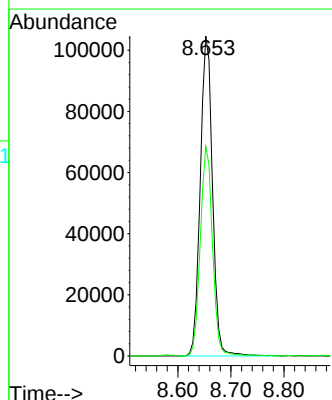
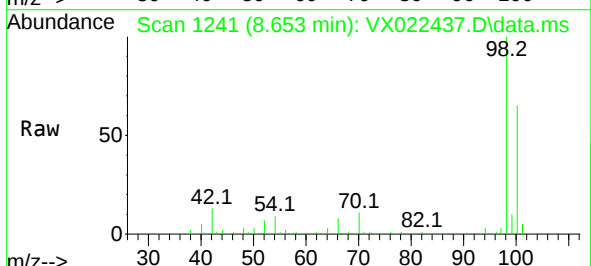
Acq: 05 Jun 2021 01:15

Tgt Ion: 98 Resp: 167833

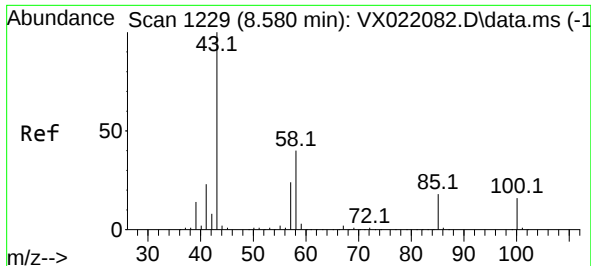
Ion Ratio Lower Upper

98 100

100 65.5 51.9 77.9



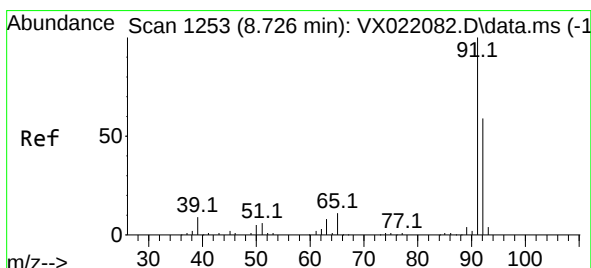
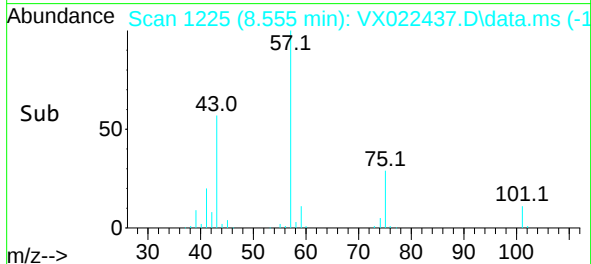
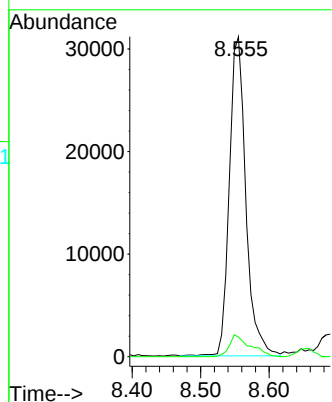
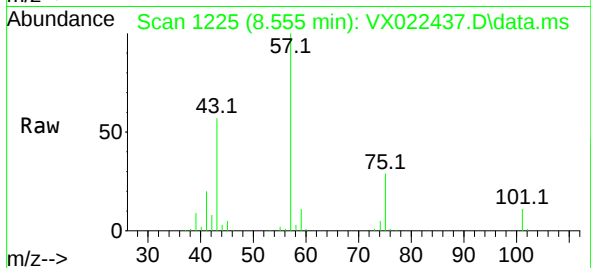
Instrument :
MSVOA_X
ClientSampled :



#51
4-Methyl-2-Pentanone
Concen: 34.907 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

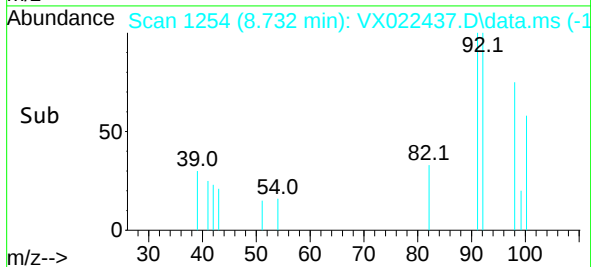
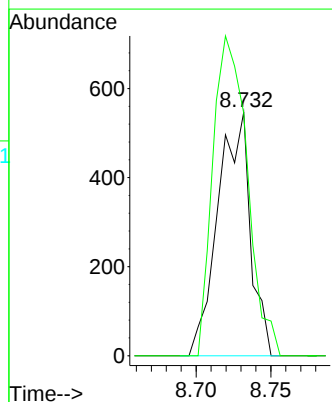
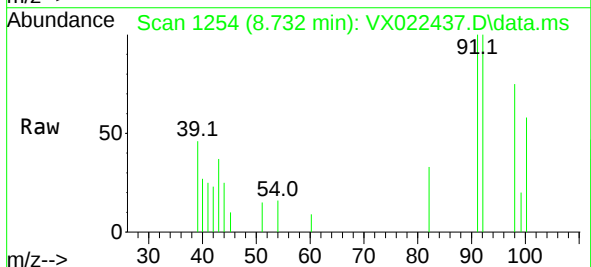
Instrument :
MSVOA_X
ClientSampled :

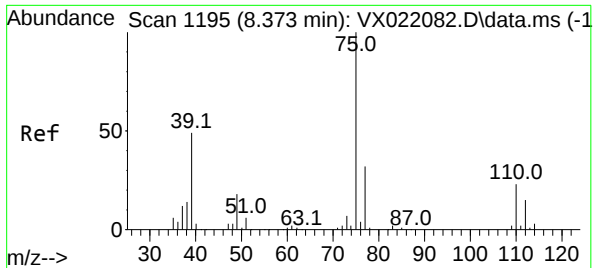
Tgt Ion: 43 Resp: 51895
Ion Ratio Lower Upper
43 100
58 8.7 35.4 53.0#



#52
Toluene
Concen: 0.341 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.006 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Tgt Ion: 92 Resp: 823
Ion Ratio Lower Upper
92 100
91 139.2 137.1 205.7

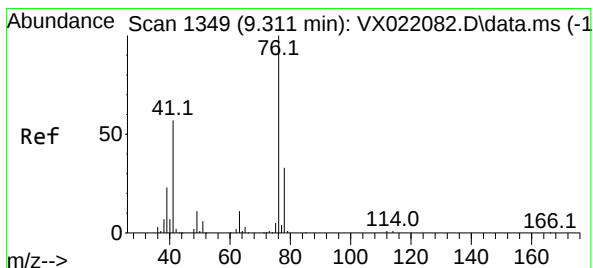
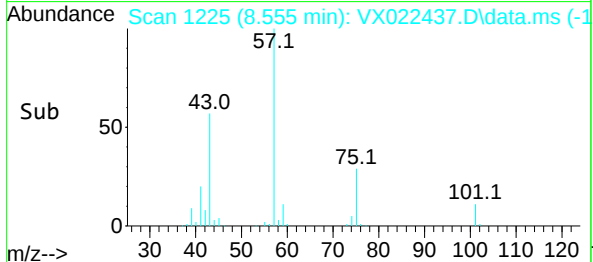
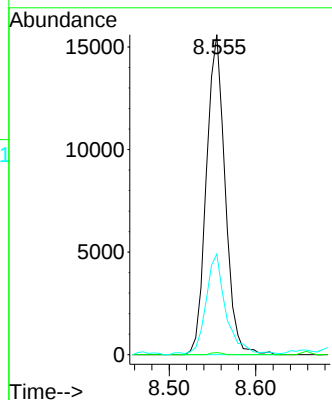
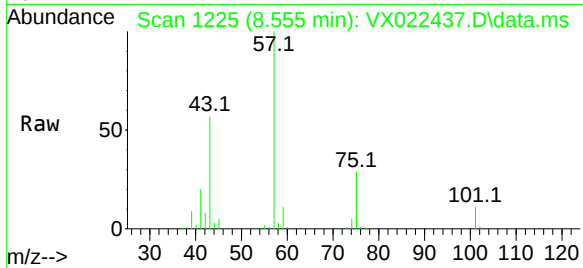




#54
 cis-1,3-Dichloropropene
 Concen: 14.301 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022437.D
 Acq: 05 Jun 2021 01:15

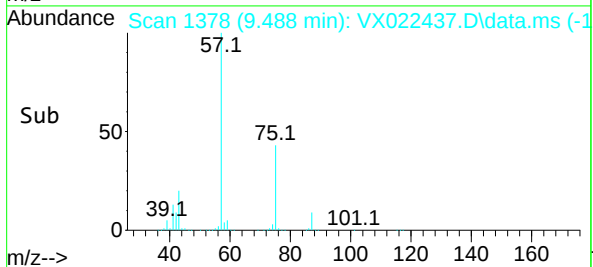
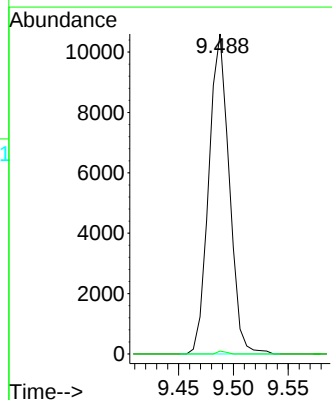
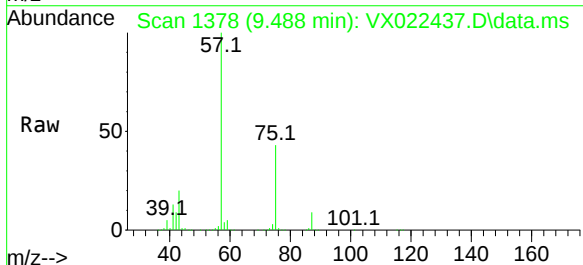
Instrument :
 MSVOA_X
 ClientSampled :

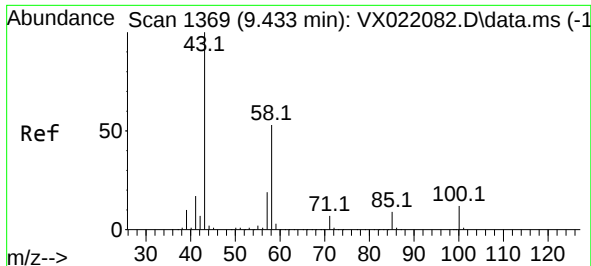
Tgt Ion: 75 Resp: 23407
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.7 38.5#
 39 31.1 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 8.215 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022437.D
 Acq: 05 Jun 2021 01:15

Tgt Ion: 76 Resp: 13733
 Ion Ratio Lower Upper
 76 100
 78 0.4 26.2 39.2#

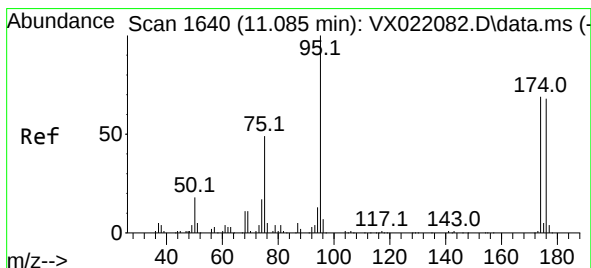
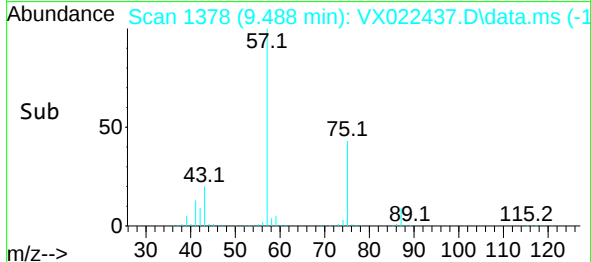
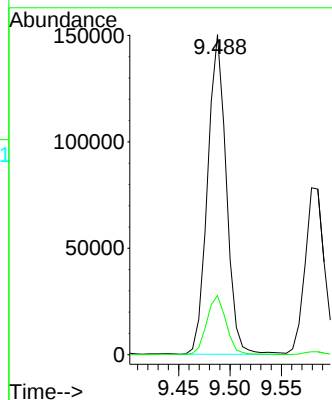
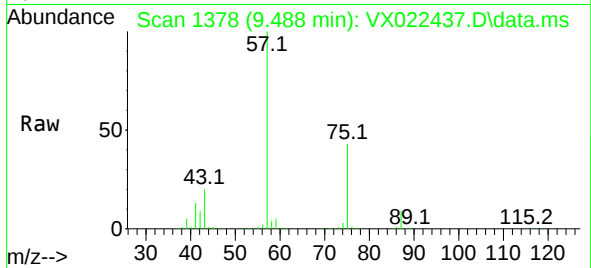




#59
2-Hexanone
Concen: 170.252 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

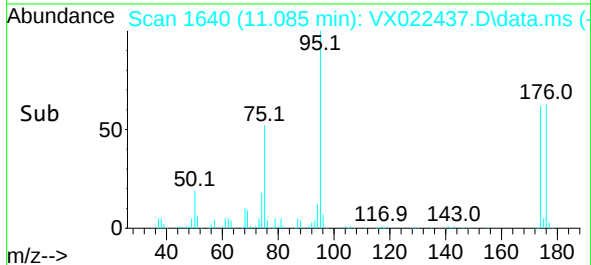
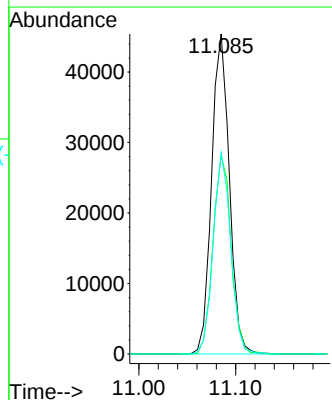
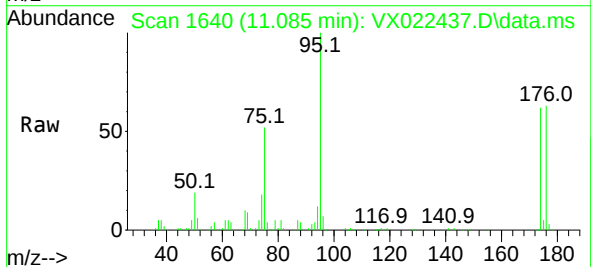
Instrument :
MSVOA_X
ClientSampled :

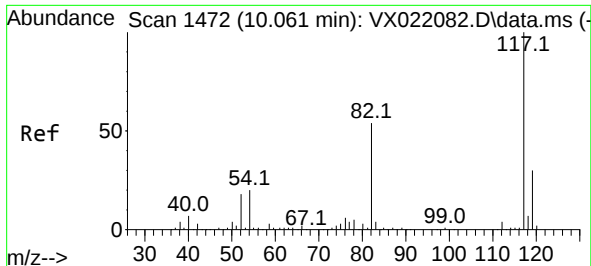
Tgt Ion: 43 Resp: 190364
Ion Ratio Lower Upper
43 100
58 19.2 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.866 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Tgt Ion: 95 Resp: 57852
Ion Ratio Lower Upper
95 100
174 63.3 0.0 154.6
176 62.3 0.0 155.8

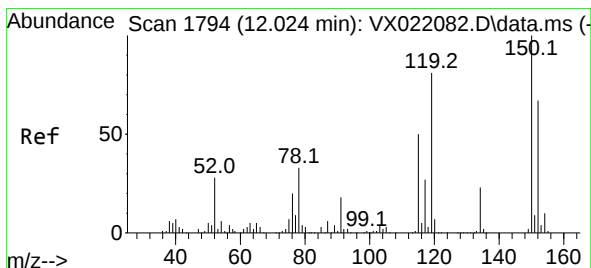
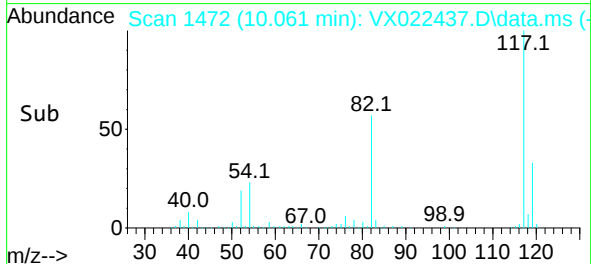
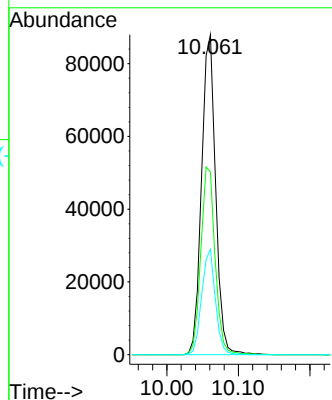
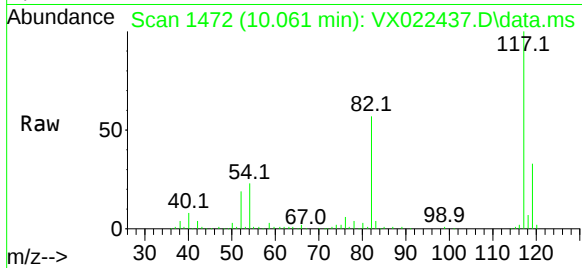




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

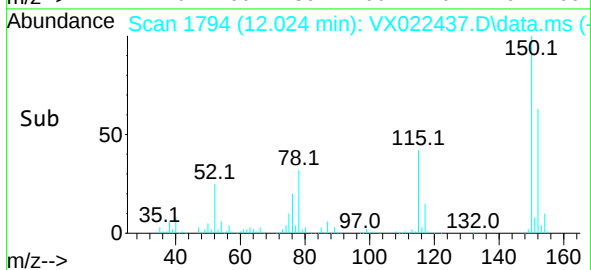
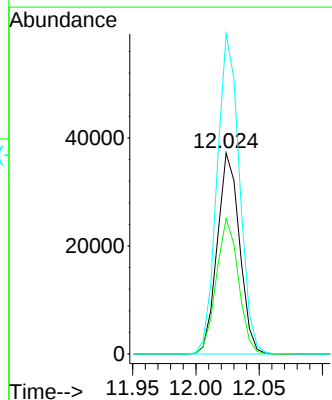
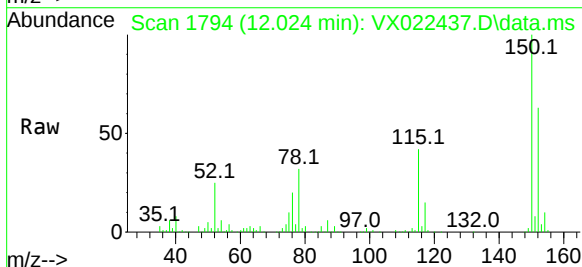
Instrument :
MSVOA_X
ClientSampled :

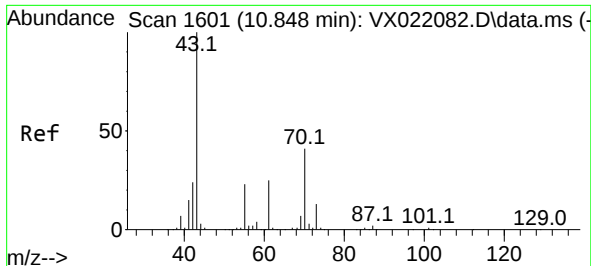
Tgt Ion:117 Resp: 120316
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

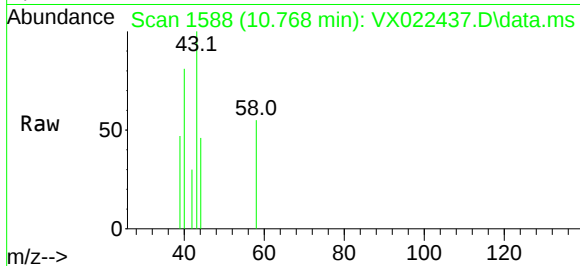
Tgt Ion:152 Resp: 45352
Ion Ratio Lower Upper
152 100
115 67.1 41.1 123.3
150 160.8 0.0 349.0



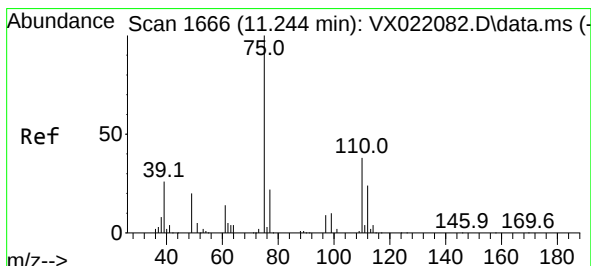
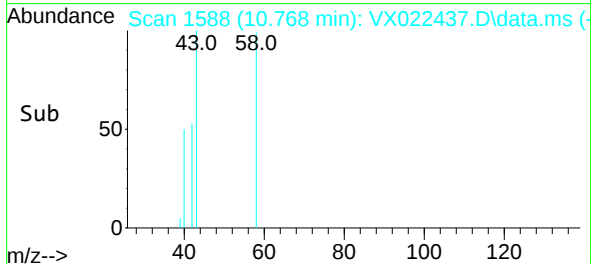
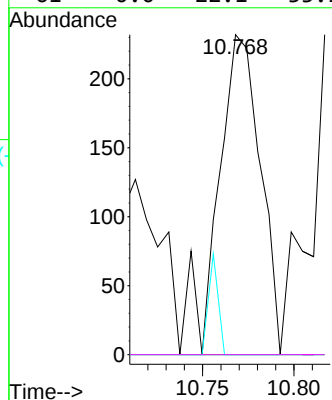


#74
N-amy1 acetate
Concen: 0.207 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Instrument :
MSVOA_X
ClientSampled :

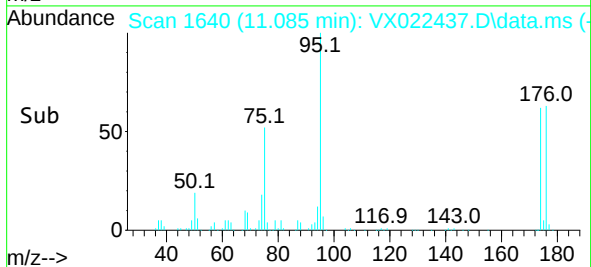
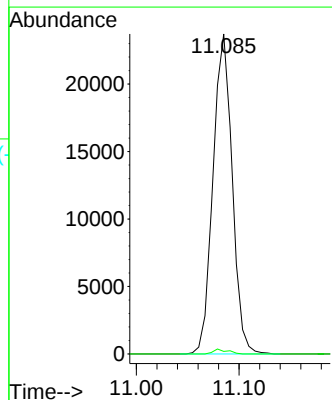
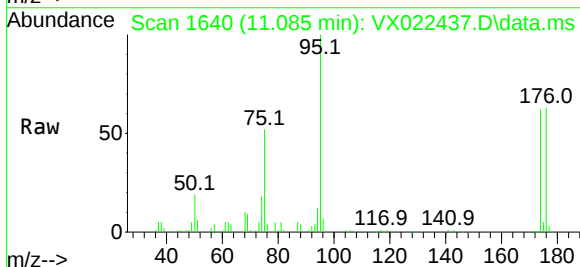


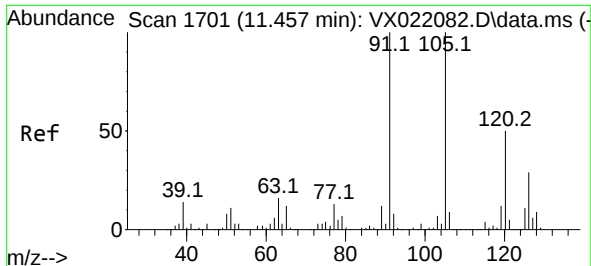
Tgt Ion: 43 Resp: 378
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 7.1 21.5 32.3#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 27.430 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Tgt Ion: 75 Resp: 30690
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

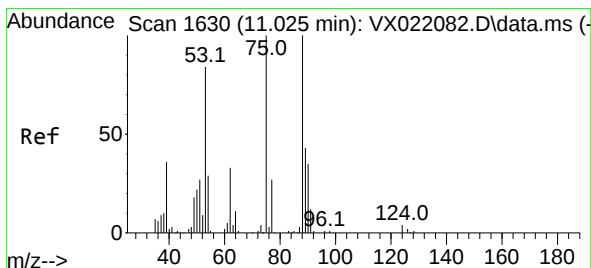
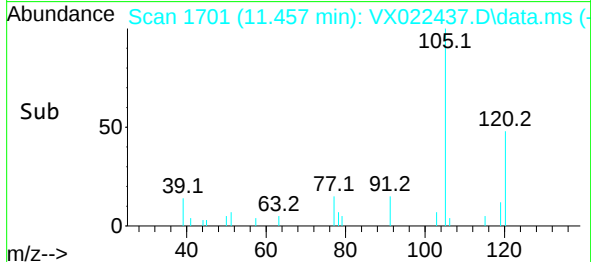
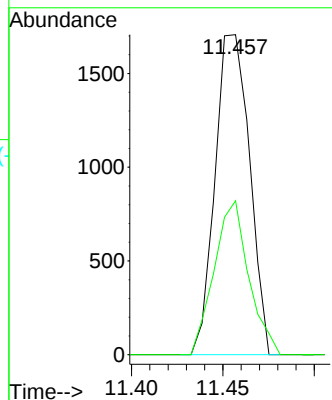
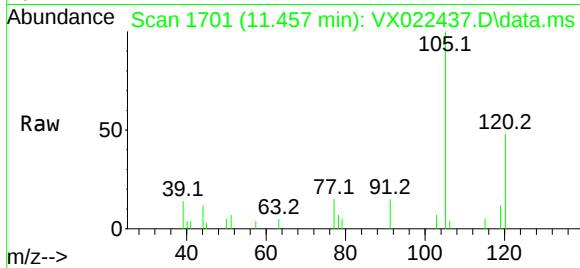




#80
1,3,5-Trimethylbenzene
Concen: 0.705 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2244
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 64.992 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022437.D
Acq: 05 Jun 2021 01:15

Tgt Ion: 75 Resp: 30690
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

