

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023089.D
 Acq On : 01 Jul 2021 16:50
 Operator : JC/MD
 Sample : PB137454TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137454TB

Quant Time: Jul 02 04:31:05 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)

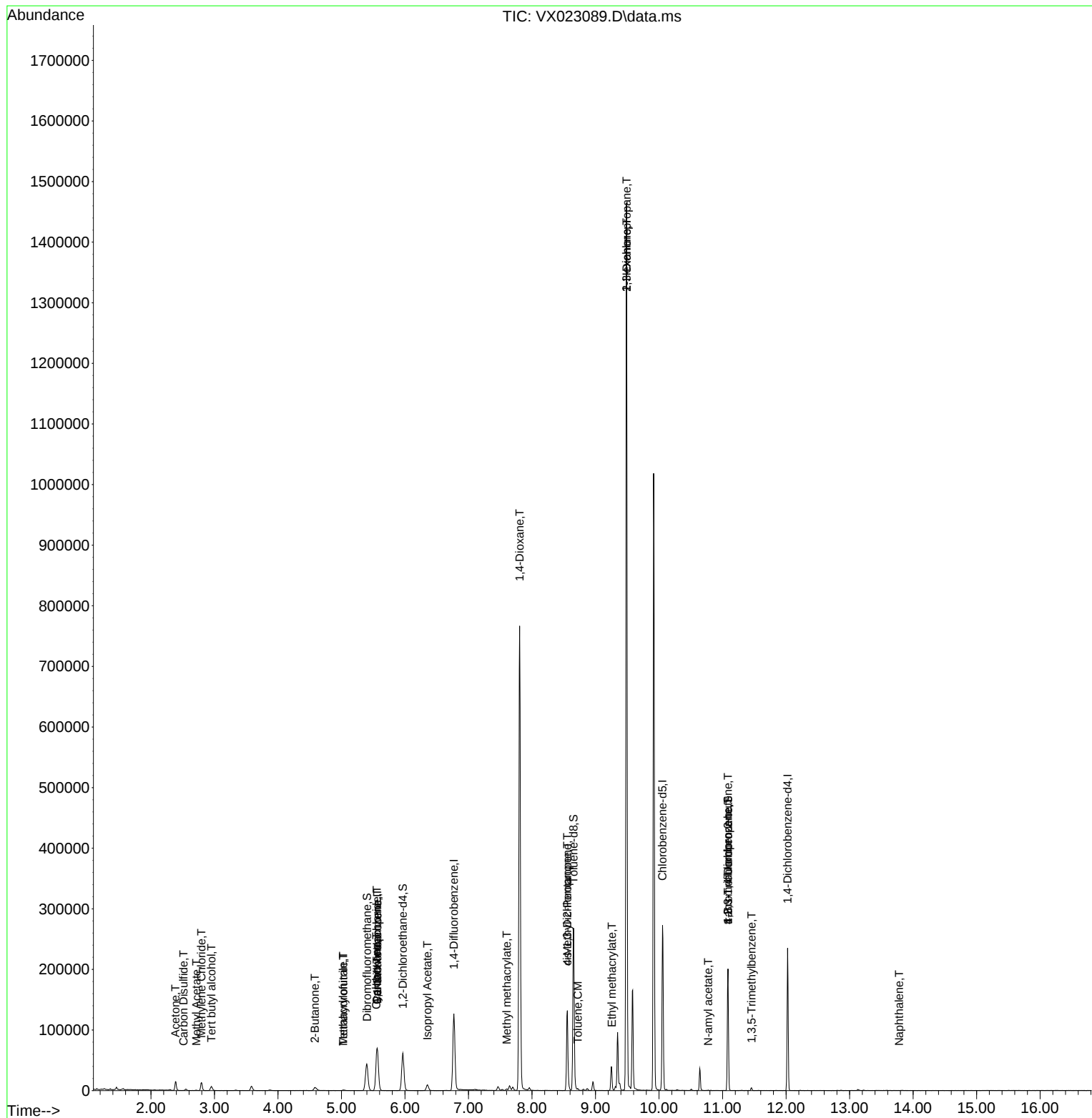
Internal Standards						
1) Pentafluorobenzene	5.562	168	53478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	110239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59844	61.662	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 123.320%#			
35) Dibromofluoromethane	5.404	113	36054	51.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	8.653	98	140980	51.385	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.085	95	51676	50.468	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.940%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	4387	21.689	ug/l #	73
16) Acetone	2.386	43	16000	37.187	ug/l #	86
17) Carbon Disulfide	2.514	76	75	3.553	ug/l #	75
18) Methyl Acetate	2.715	43	886	0.837	ug/l #	65
20) Methylene Chloride	2.794	84	5297	6.533	ug/l #	84
25) 2-Butanone	4.580	43	3008	4.496	ug/l	91
29) Tetrahydrofuran	5.026	42	873	2.029	ug/l #	49
31) Cyclohexane	5.550	56	1166	0.851	ug/l #	41
36) 1,1-Dichloropropene	5.562	75	6654	5.683	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7015	7.143	ug/l #	18
41) Methacrylonitrile	5.026	41	432	0.578	ug/l #	33
43) Isopropyl Acetate	6.355	43	13099	6.007	ug/l #	87
48) Methyl methacrylate	7.604	41	3386	3.355	ug/l #	10
49) 1,4-Dioxane	7.806	88	110	5.063	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	50556	37.251	ug/l #	43
52) Toluene	8.720	92	502	0.246	ug/l	84
54) cis-1,3-Dichloropropene	8.555	75	18955	14.722	ug/l #	69
56) Ethyl methacrylate	9.256	69	66	2.621	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	11316	7.602	ug/l #	43
59) 2-Hexanone	9.488	43	181324	176.109	ug/l #	42
74) N-amyl acetate	10.775	43	610	2.395	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	31414	33.014	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	2198	0.878	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.085	75	31414	84.071	ug/l #	12
95) Naphthalene	13.780	128	71	1.946	ug/l #	69

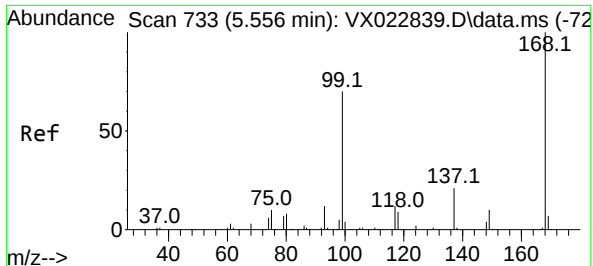
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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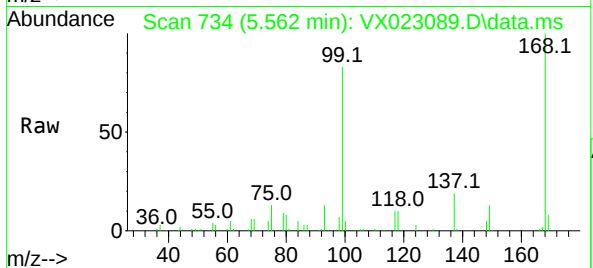
Quant Time: Jul 02 04:31:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
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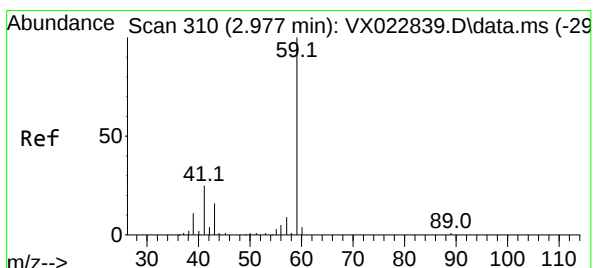
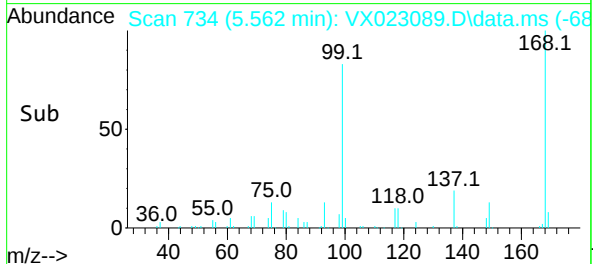
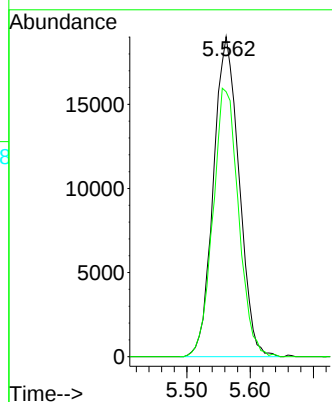


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Instrument :
MSVOA_X
ClientSampleId :
PB137454TB

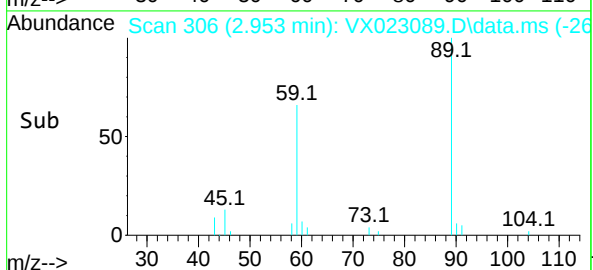
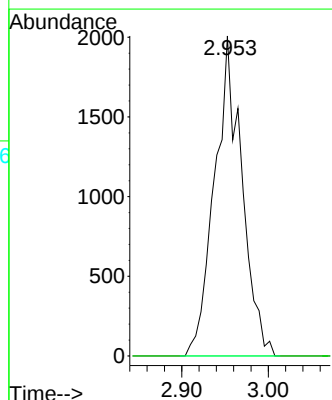
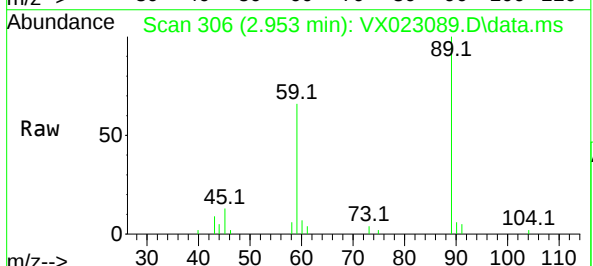


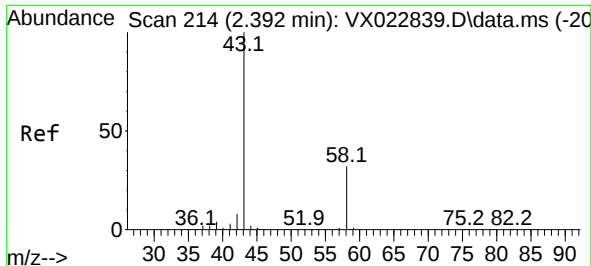
Tgt Ion:168 Resp: 53478
Ion Ratio Lower Upper
168 100
99 82.8 45.8 68.6#



#11
Tert butyl alcohol
Concen: 21.689 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 59 Resp: 4387
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

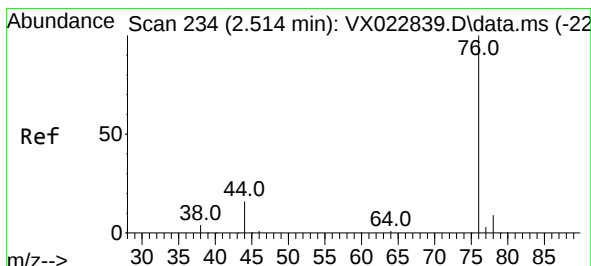
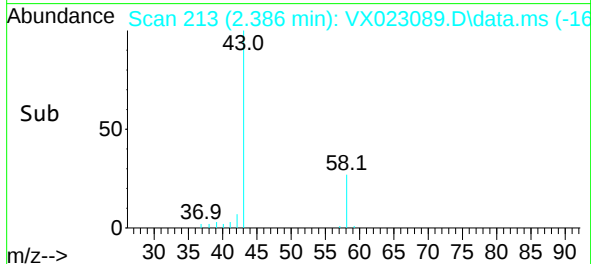
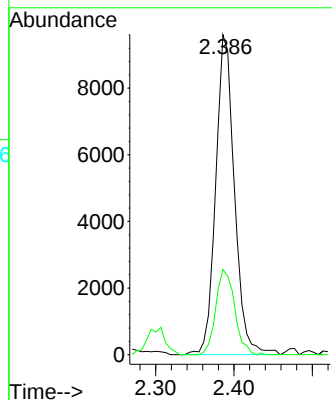
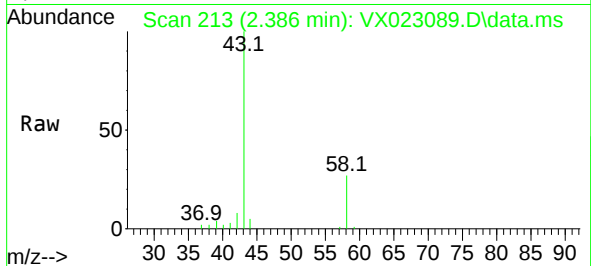




#16
Acetone
Concen: 37.187 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

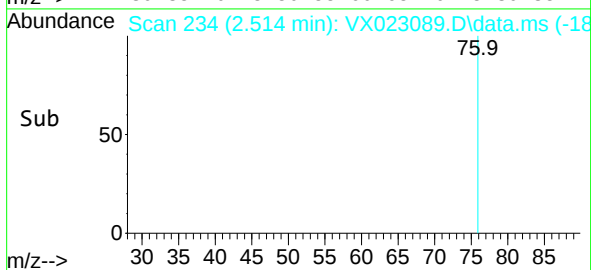
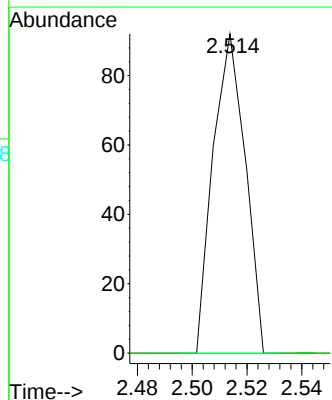
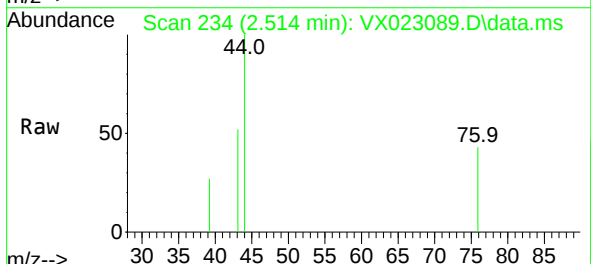
Instrument :
MSVOA_X
ClientSampleId :
PB137454TB

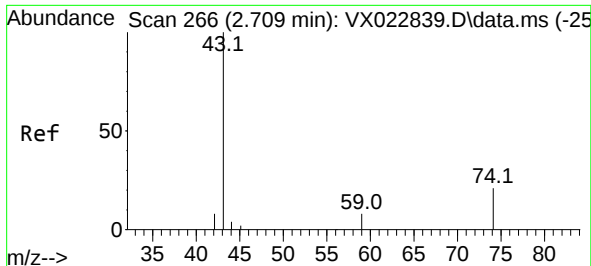
Tgt Ion: 43 Resp: 16000
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.553 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

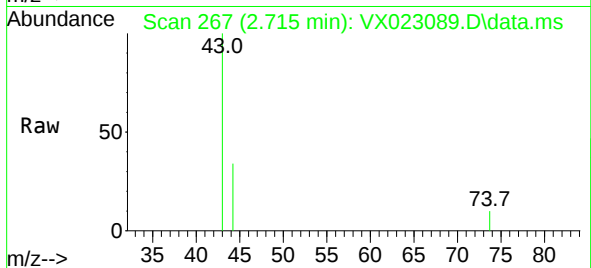
Tgt Ion: 76 Resp: 75
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



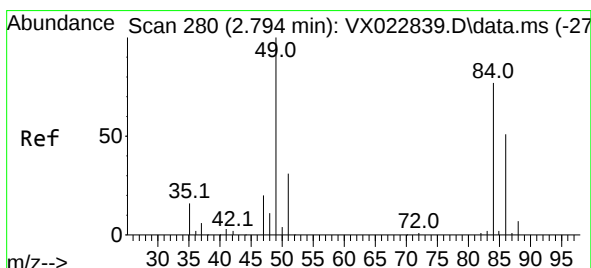
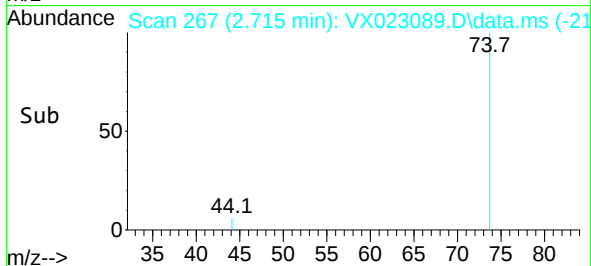
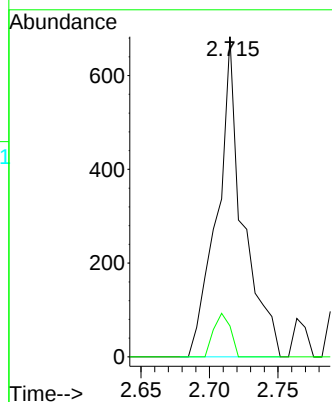


#18
Methyl Acetate
Concen: 0.837 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Instrument :
MSVOA_X
ClientSampleId :
PB137454TB

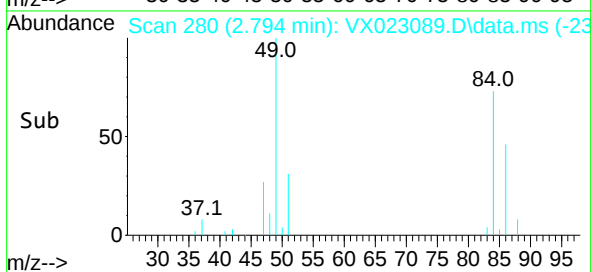
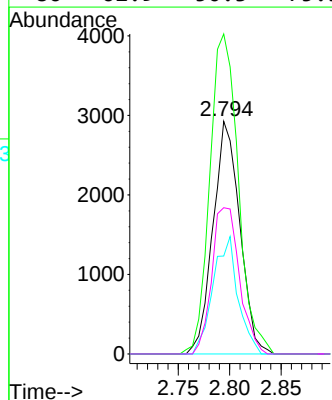
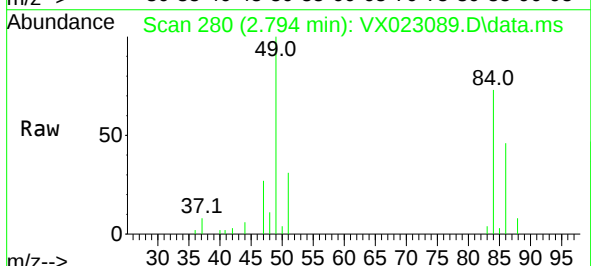


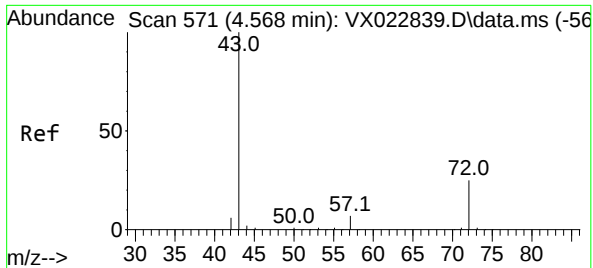
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
74 8.9 21.9 32.9#



#20
Methylene Chloride
Concen: 6.533 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 84 Resp: 5297
Ion Ratio Lower Upper
84 100
49 137.5 88.6 132.8#
51 42.1 27.0 40.6#
86 62.9 50.3 75.5

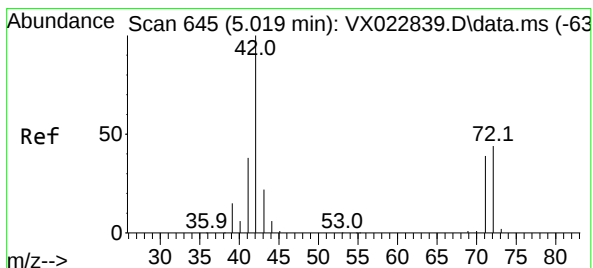
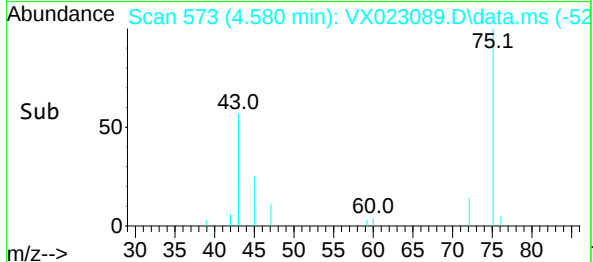
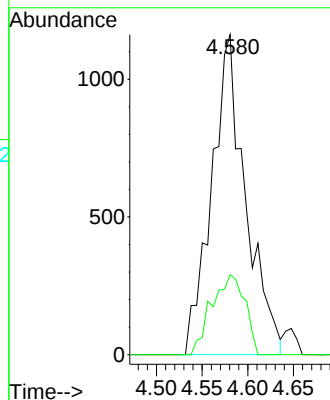
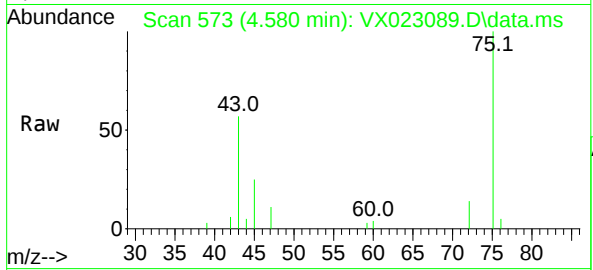




#25
2-Butanone
Concen: 4.496 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

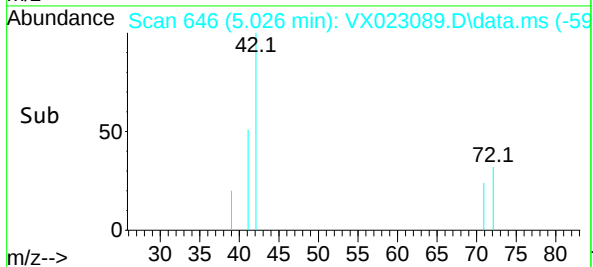
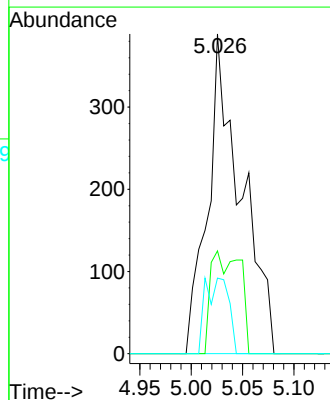
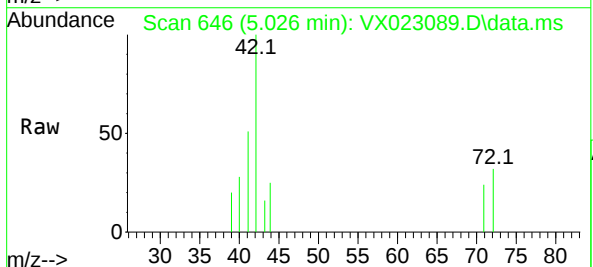
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ClientSampleId :
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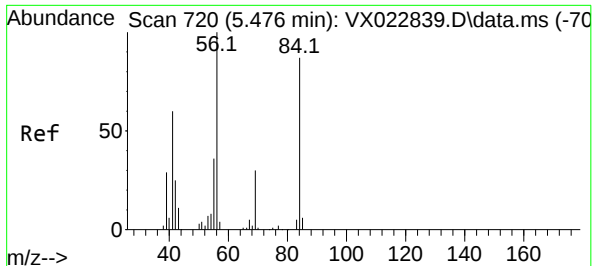
Tgt Ion: 43 Resp: 3008
Ion Ratio Lower Upper
43 100
72 25.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 2.029 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.007 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 42 Resp: 873
Ion Ratio Lower Upper
42 100
72 14.0 41.7 62.5#
71 16.5 38.4 57.6#

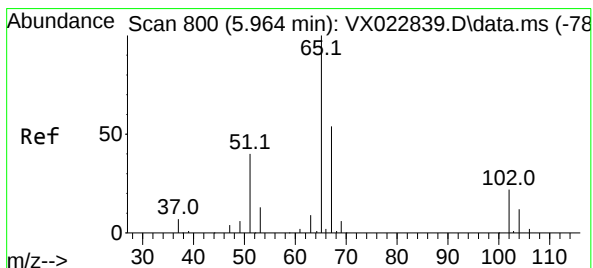
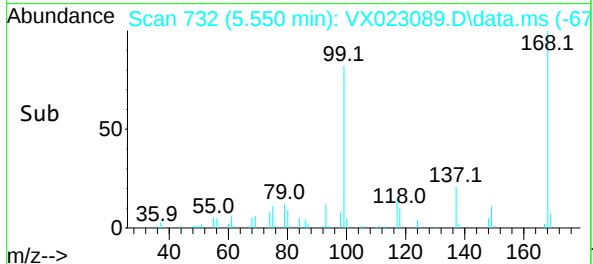
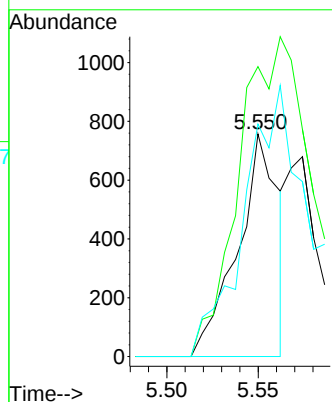
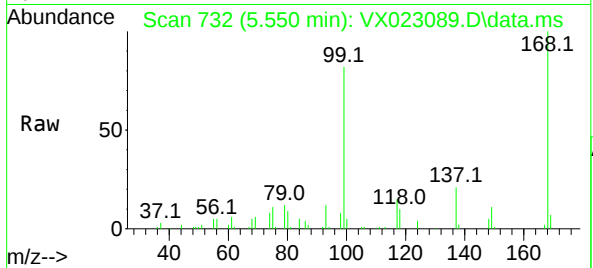




#31
Cyclohexane
Concen: 0.851 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

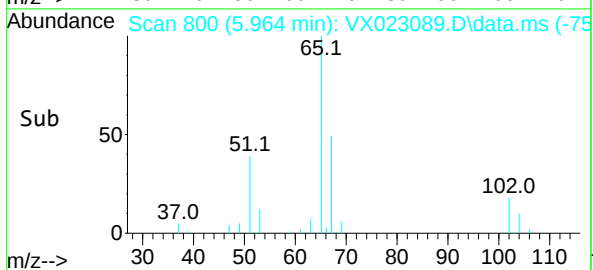
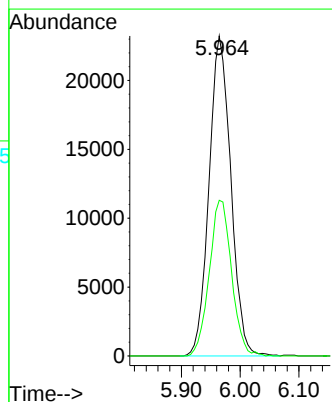
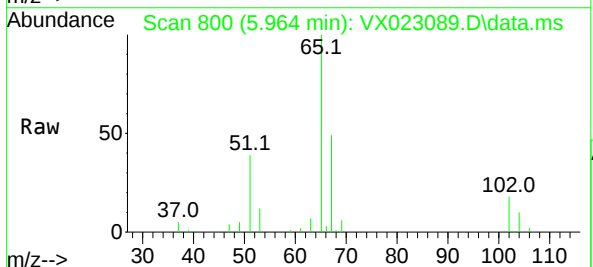
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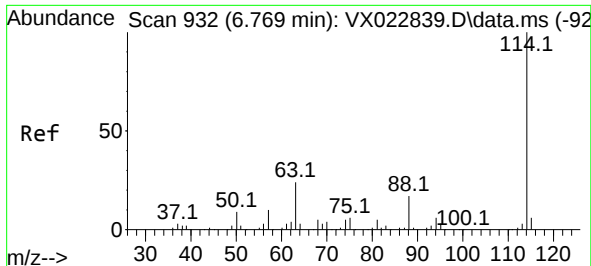
Tgt Ion: 56 Resp: 1166
Ion Ratio Lower Upper
56 100
69 130.3 25.3 37.9#
84 104.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 61.662 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 65 Resp: 59844
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

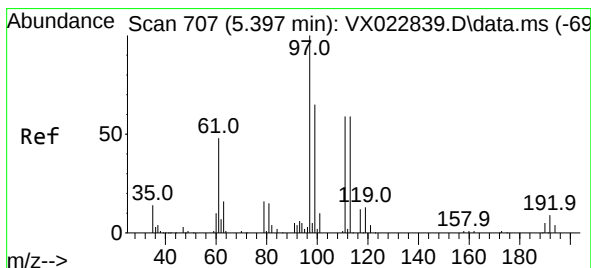
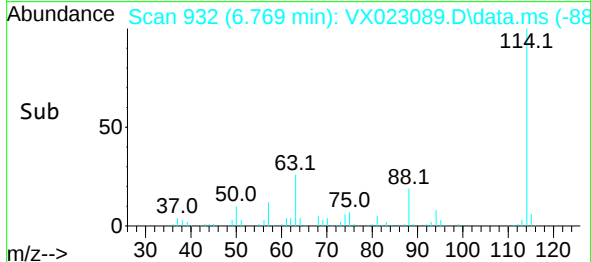
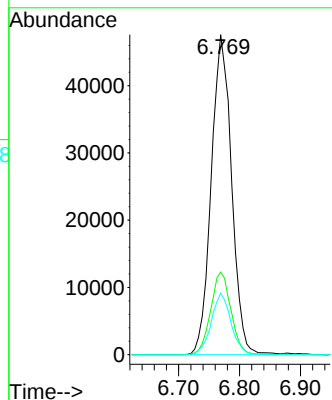
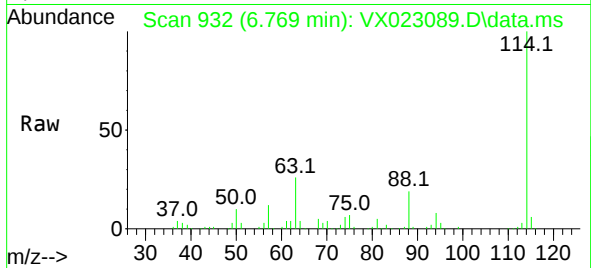




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

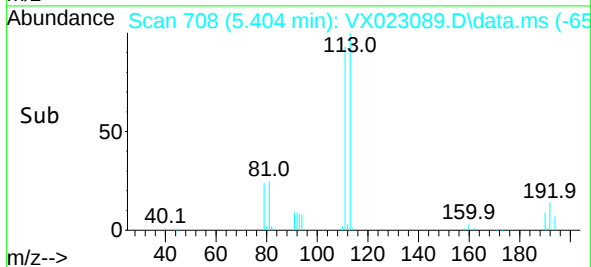
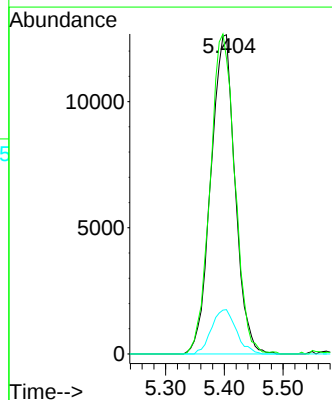
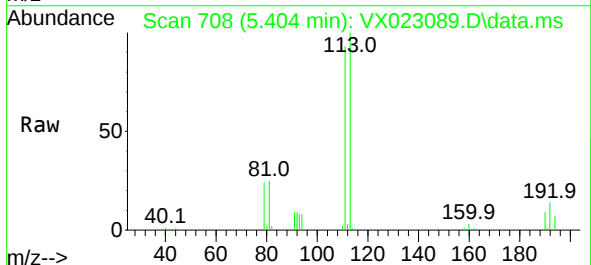
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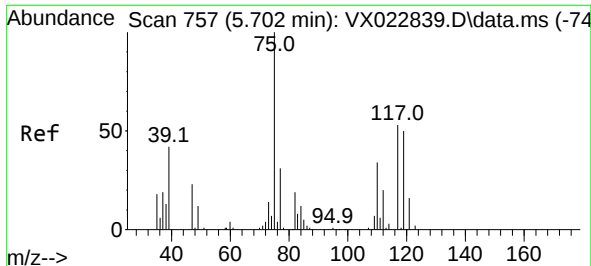
Tgt Ion:114 Resp: 110239
Ion Ratio Lower Upper
114 100
63 25.8 0.0 40.8
88 19.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.502 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.007 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

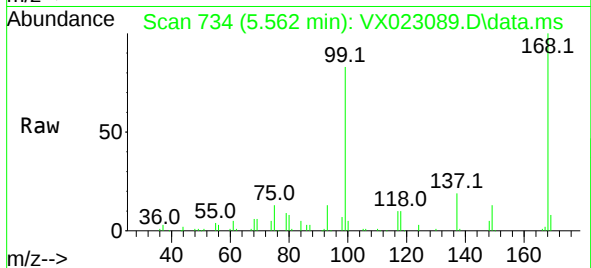
Tgt Ion:113 Resp: 36054
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 14.3 16.7 25.1#



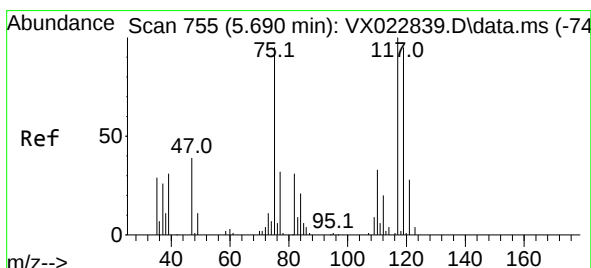
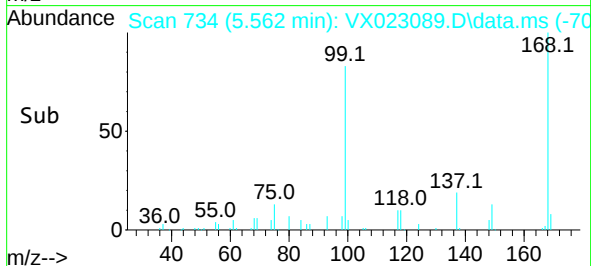
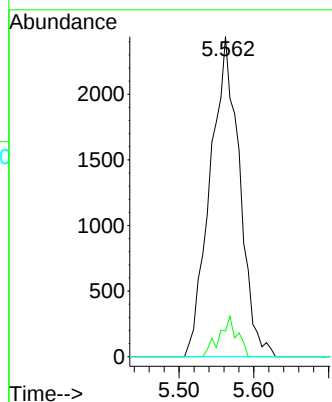


#36
1,1-Dichloropropene
Concen: 5.683 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Instrument :
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ClientSampleId :
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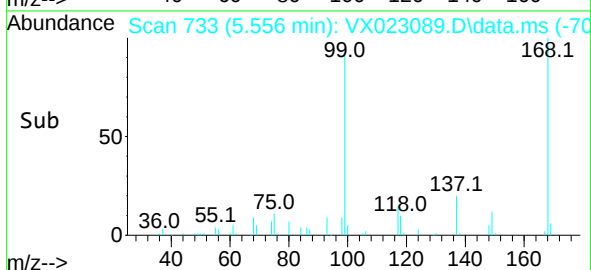
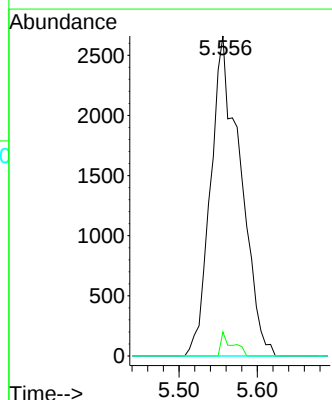
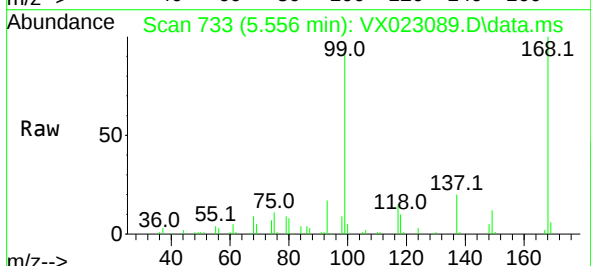


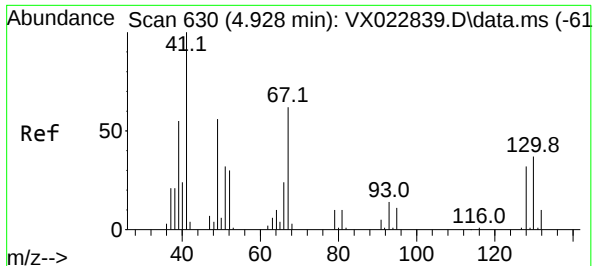
Tgt Ion: 75 Resp: 6654
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.143 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 117 Resp: 7015
Ion Ratio Lower Upper
117 100
119 7.5 76.2 114.2#
121 0.0 24.8 37.2#

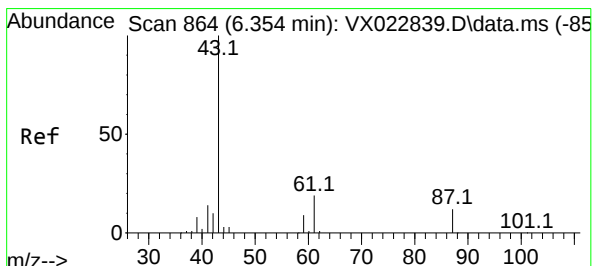
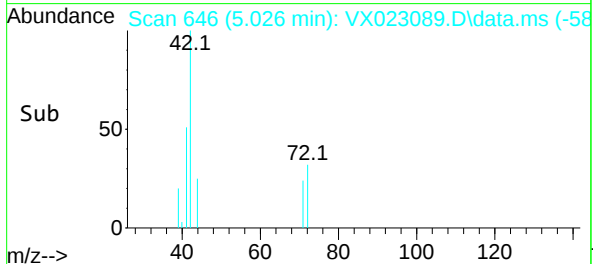
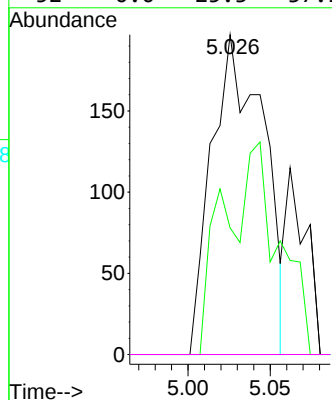
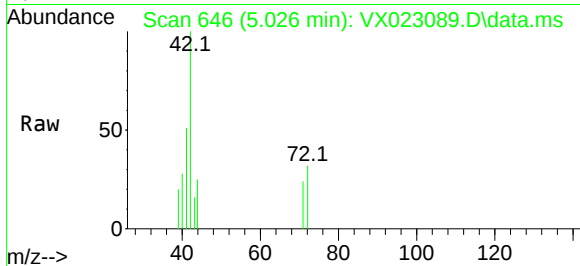




#41
Methacrylonitrile
Concen: 0.578 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.098 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

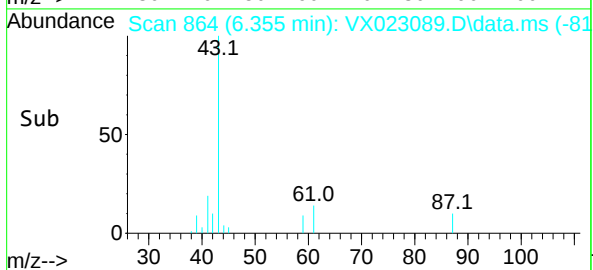
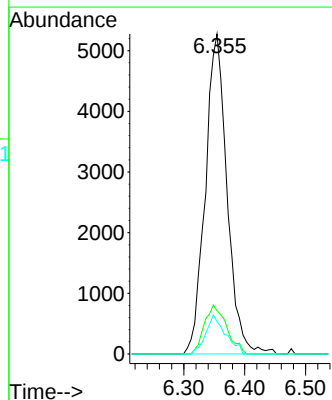
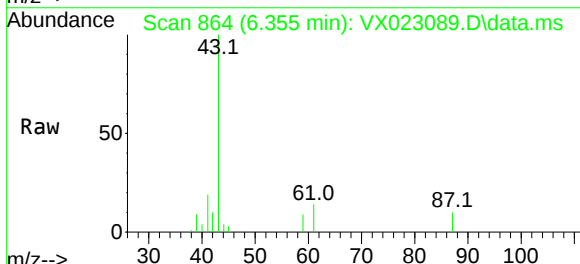
Instrument :
MSVOA_X
ClientSampleId :
PB137454TB

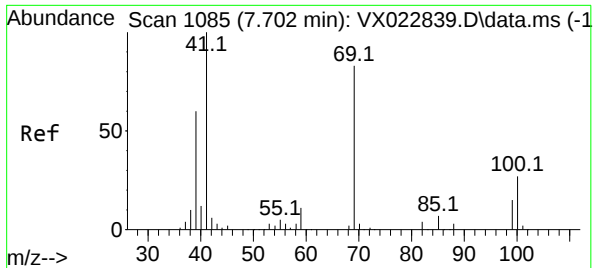
Tgt Ion: 41	Resp: 432
Ion Ratio	Lower Upper
41 100	
39 27.8	42.5 63.7#
67 0.0	65.0 97.6#
52 0.0	25.3 37.9#



#43
Isopropyl Acetate
Concen: 6.007 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 43	Resp: 13099
Ion Ratio	Lower Upper
43 100	
61 15.6	18.2 27.4#
87 11.0	12.5 18.7#

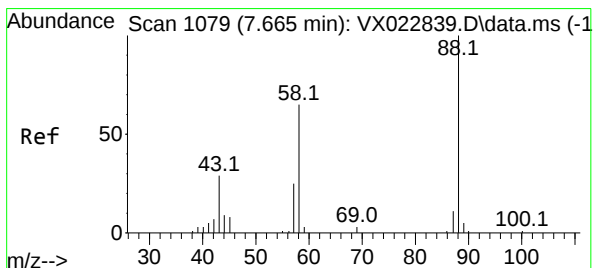
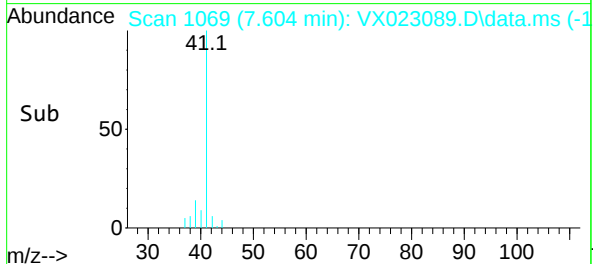
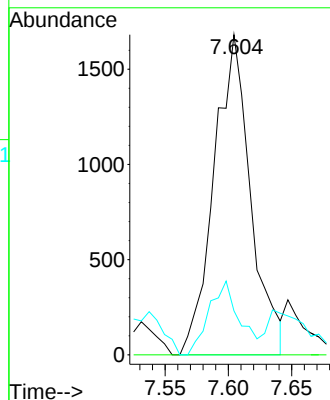
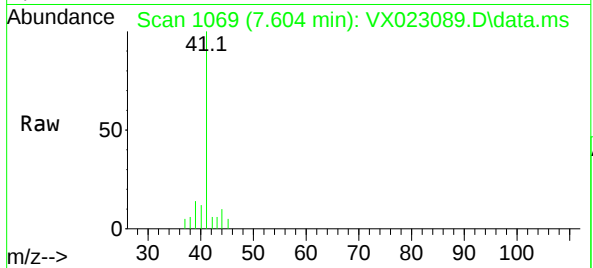




#48
Methyl methacrylate
Concen: 3.355 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

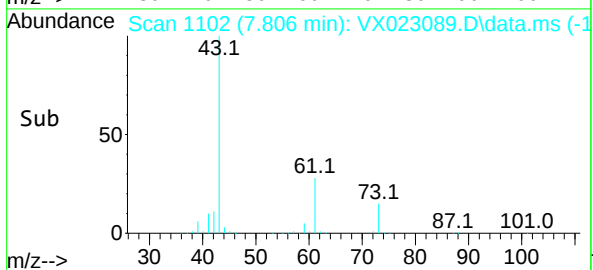
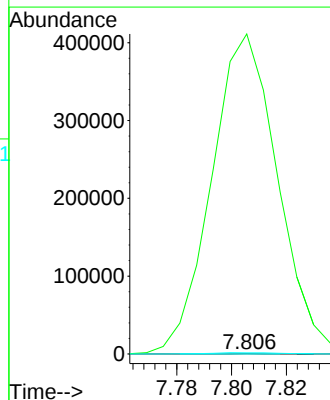
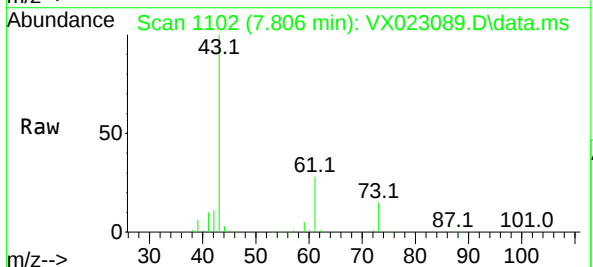
Instrument :
MSVOA_X
ClientSampleId :
PB137454TB

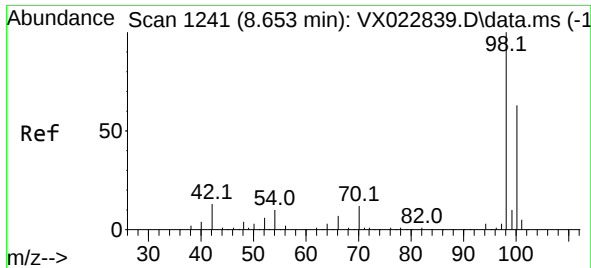
Tgt Ion: 41 Resp: 3386
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 5.063 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.141 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 88 Resp: 110
Ion Ratio Lower Upper
88 100
43 634903.6 23.2 34.8#
58 2493.6 55.0 82.4#

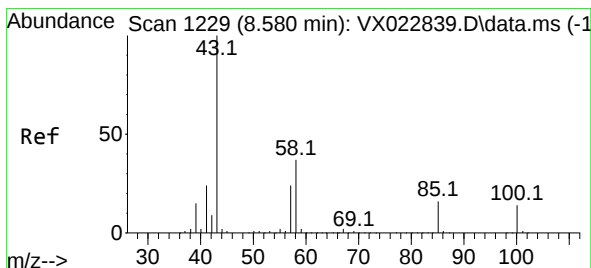
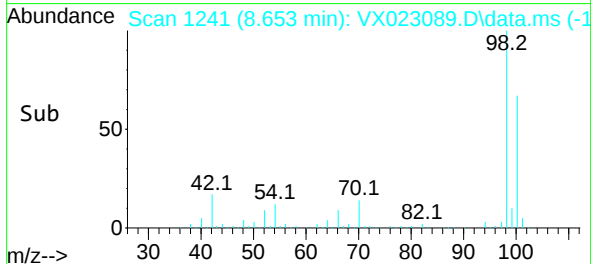
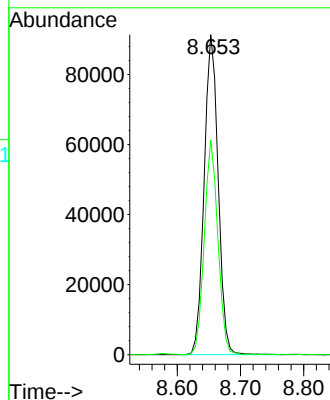
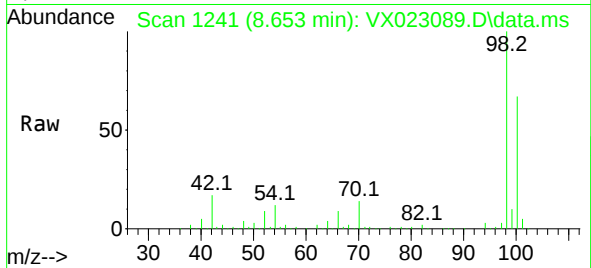




#50
Toluene-d8
Concen: 51.385 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

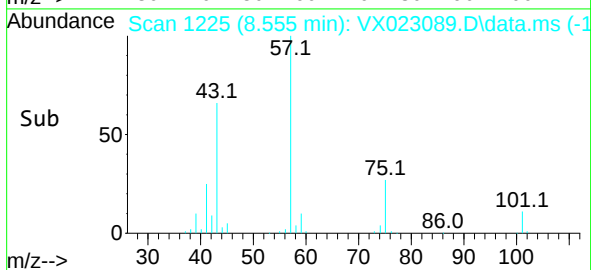
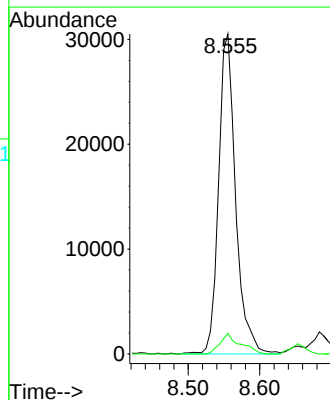
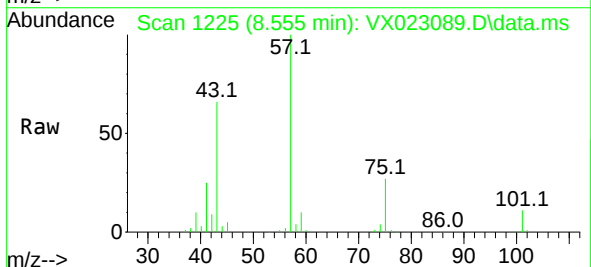
Instrument :
MSVOA_X
ClientSampleId :
PB137454TB

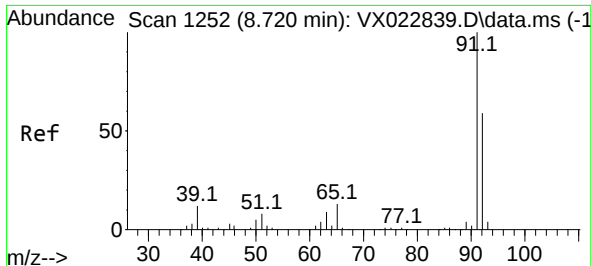
Tgt Ion: 98 Resp: 140980
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 37.251 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 43 Resp: 50556
Ion Ratio Lower Upper
43 100
58 7.6 35.4 53.0#

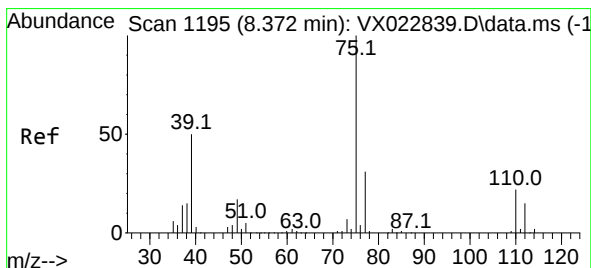
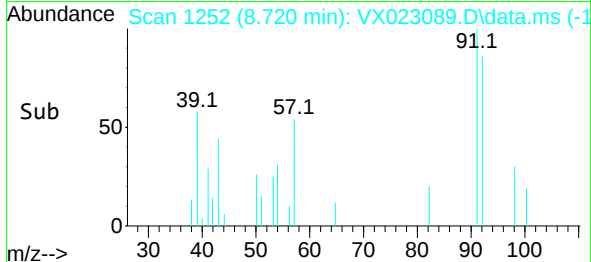
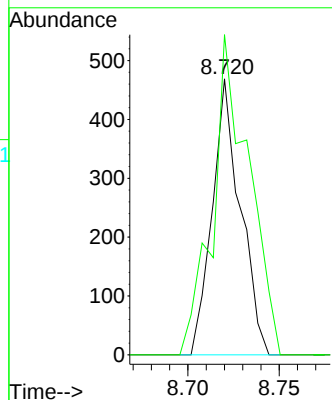
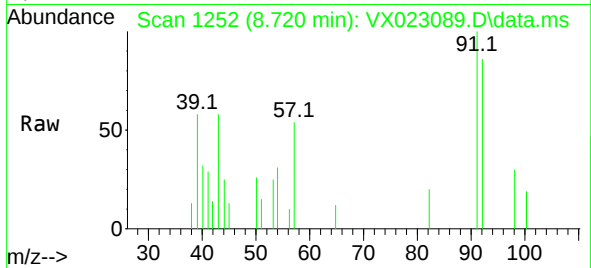




#52
Toluene
Concen: 0.246 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

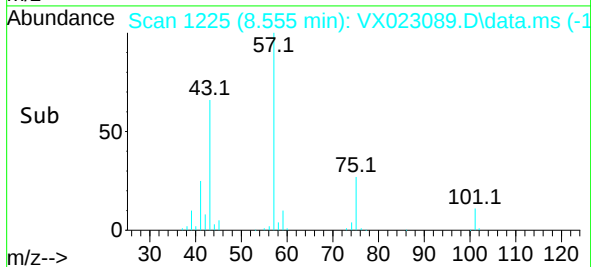
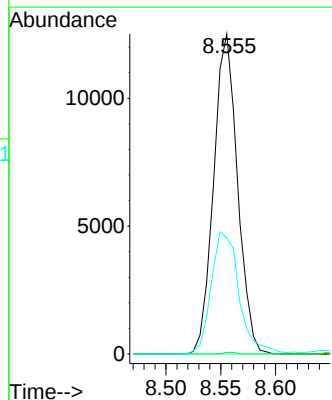
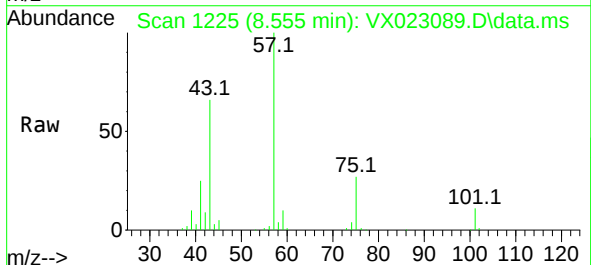
Instrument :
MSVOA_X
ClientSampled :
PB137454TB

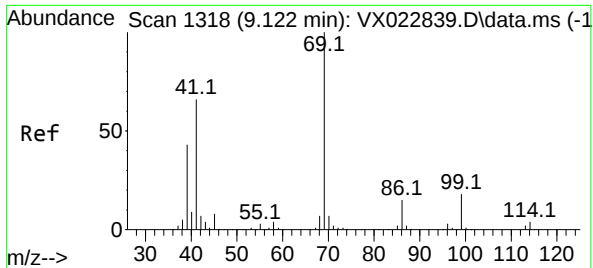
Tgt Ion: 92 Resp: 502
Ion Ratio Lower Upper
92 100
91 148.8 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 14.722 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 75 Resp: 18955
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 36.3 35.1 52.7

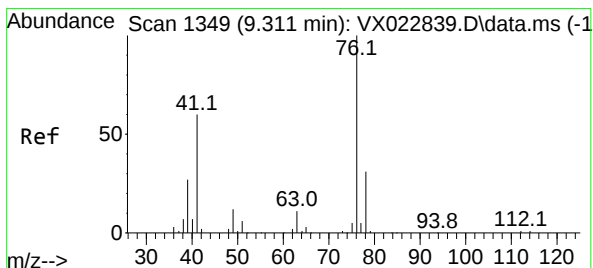
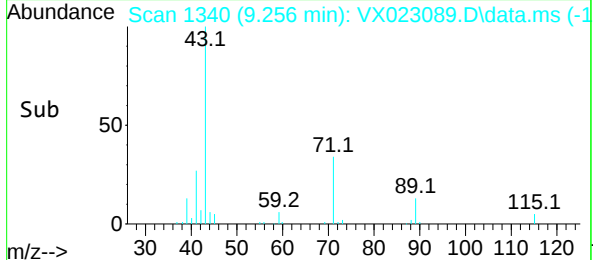
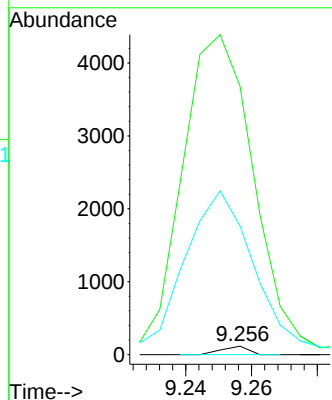
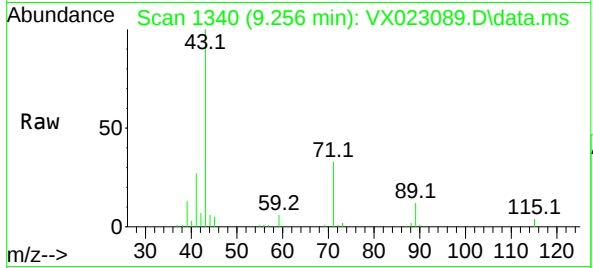




#56
Ethyl methacrylate
Concen: 2.621 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.134 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

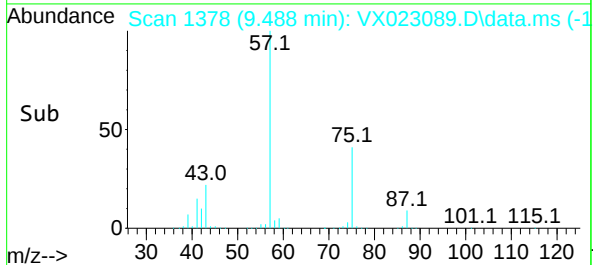
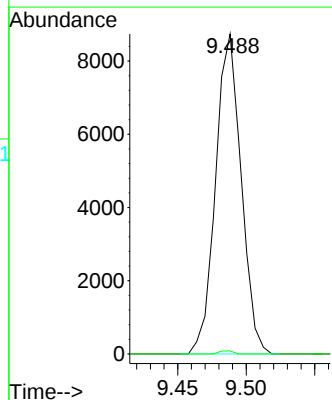
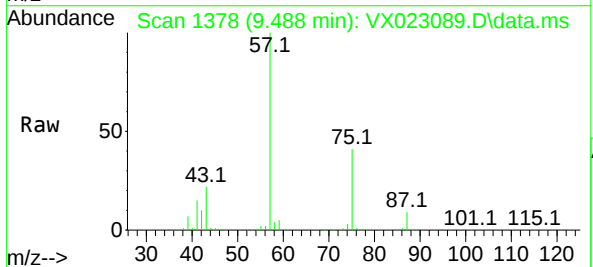
Instrument :
MSVOA_X
ClientSampled :
PB137454TB

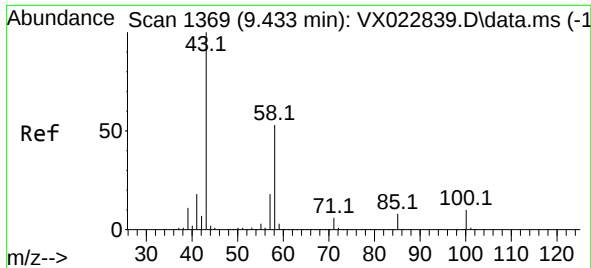
Tgt Ion: 69 Resp: 66
Ion Ratio Lower Upper
69 100
41 10159.1 46.8 70.2#
39 5163.6 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 7.602 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 76 Resp: 11316
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#

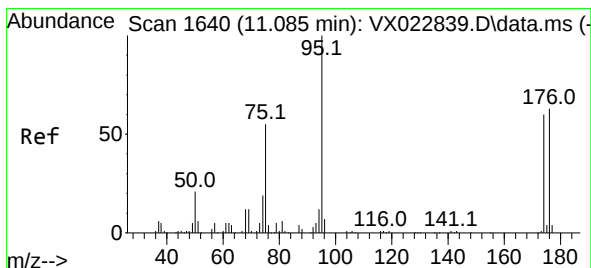
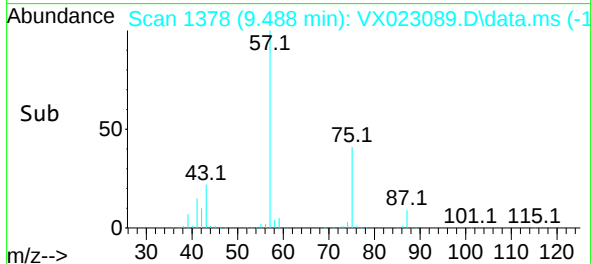
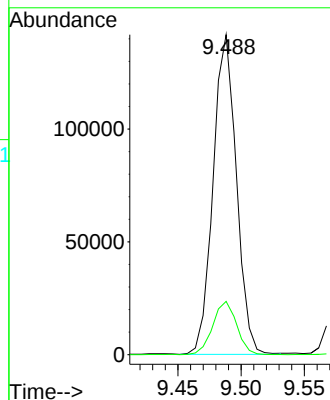
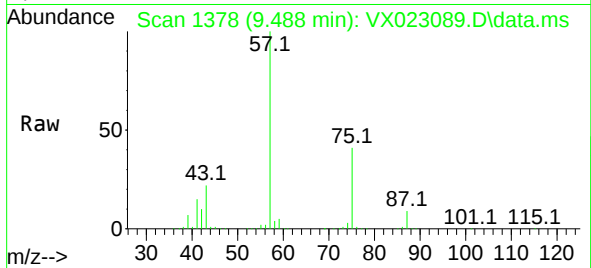




#59
2-Hexanone
Concen: 176.109 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

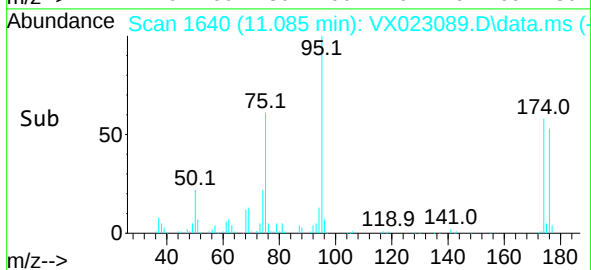
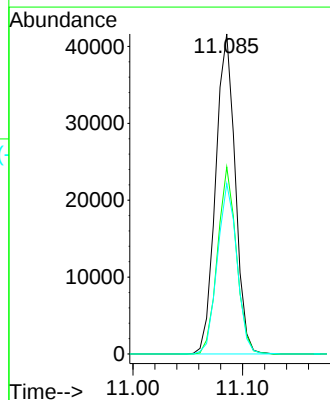
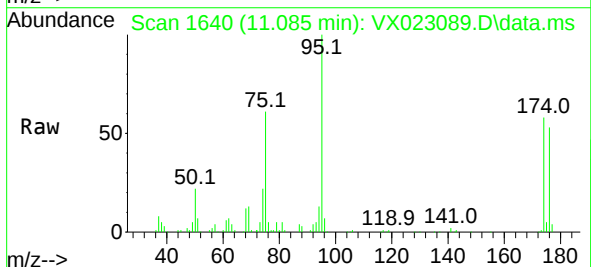
Instrument :
MSVOA_X
ClientSampleId :
PB137454TB

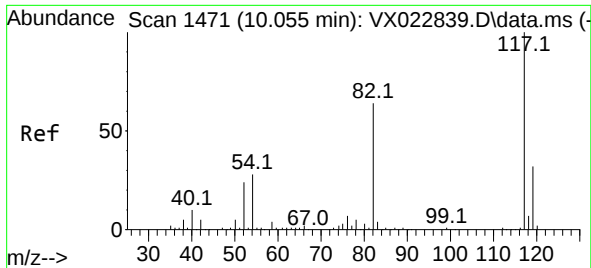
Tgt Ion: 43 Resp: 181324
Ion Ratio Lower Upper
43 100
58 17.1 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 50.468 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 95 Resp: 51676
Ion Ratio Lower Upper
95 100
174 56.2 0.0 154.6
176 53.0 0.0 155.8

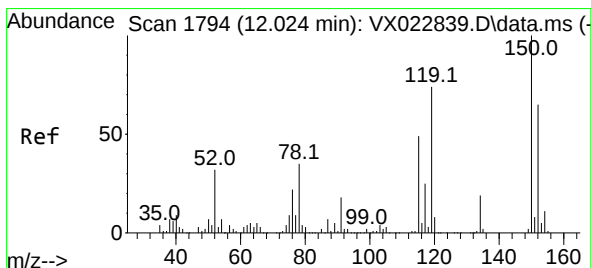
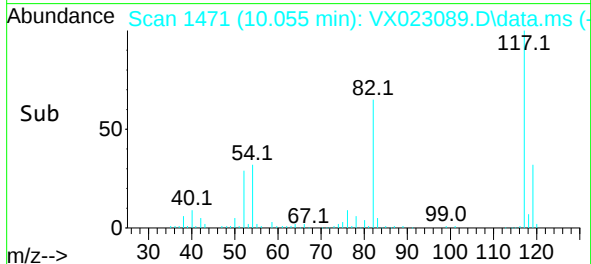
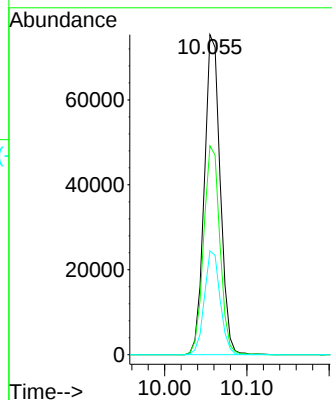
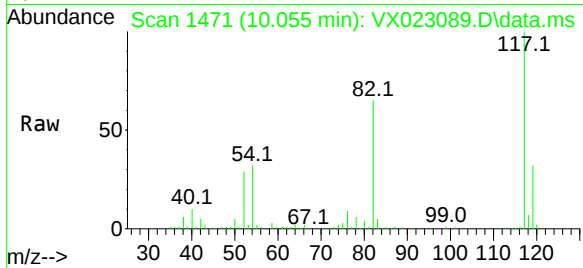




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

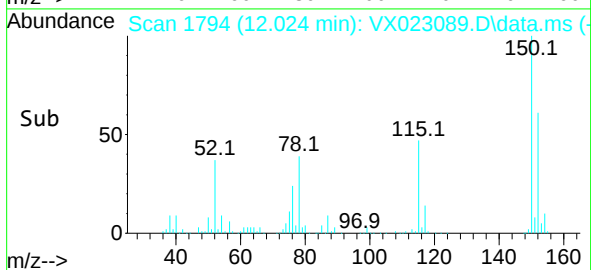
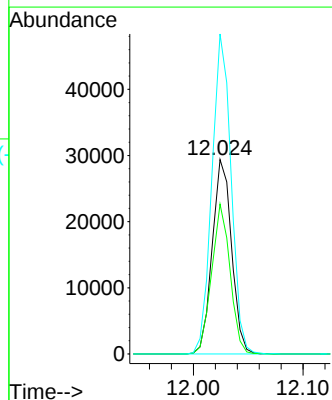
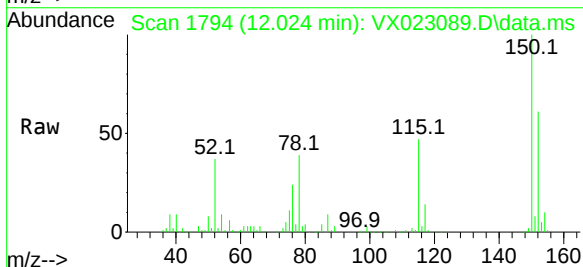
Instrument :
MSVOA_X
ClientSampleId :
PB137454TB

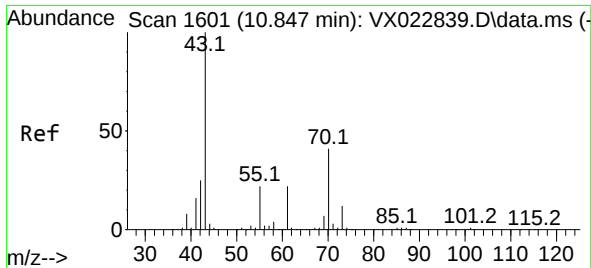
Tgt Ion:117 Resp: 100948
Ion Ratio Lower Upper
117 100
82 65.3 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion:152 Resp: 36024
Ion Ratio Lower Upper
152 100
115 73.5 41.1 123.3
150 163.3 0.0 349.0

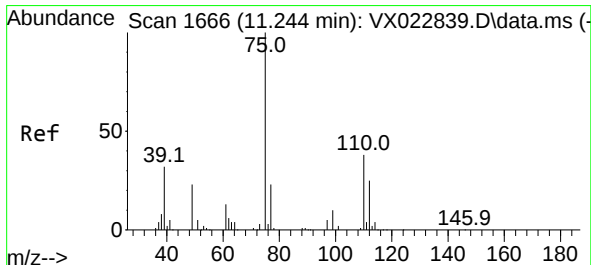
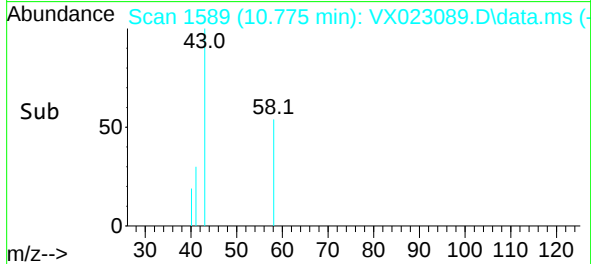
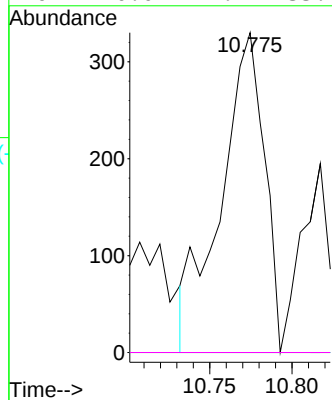
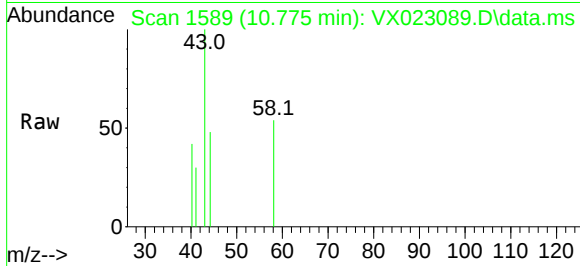




#74
N-amy1 acetate
Concen: 2.395 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.072 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

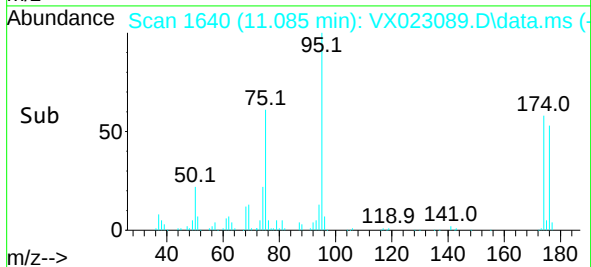
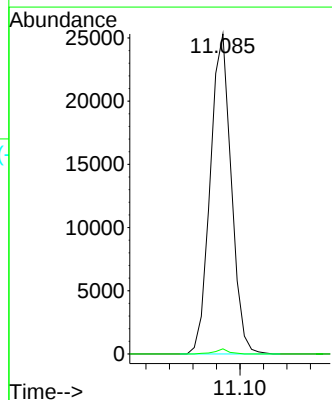
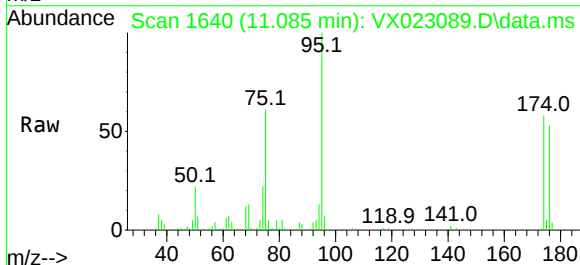
Instrument :
MSVOA_X
ClientSampleId :
PB137454TB

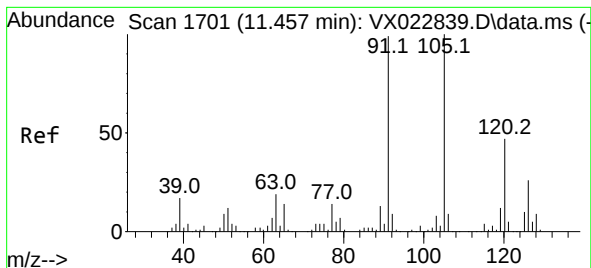
Tgt Ion: 43	Resp: 610
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 33.014 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Tgt Ion: 75	Resp:	31414	
Ion Ratio	Lower	Upper	
75 100			
77 1.1	19.1	57.5#	

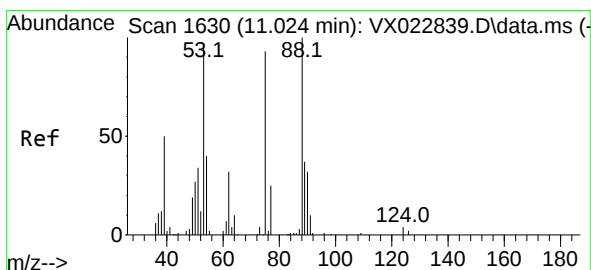
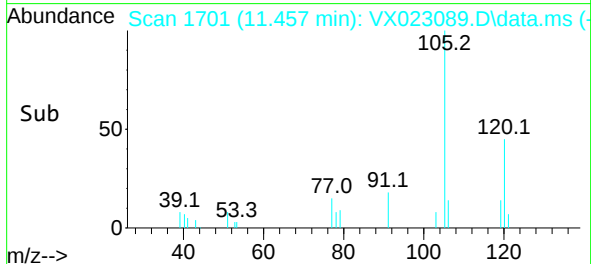
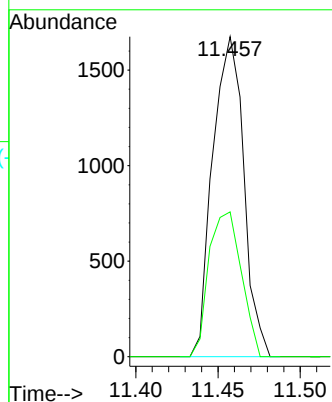
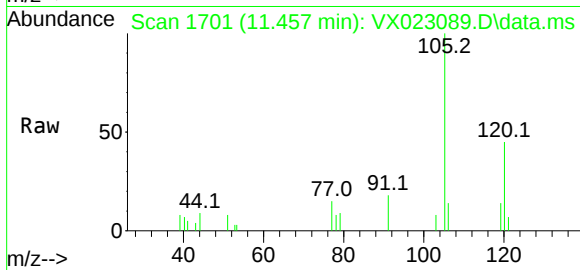




#80
1,3,5-Trimethylbenzene
Concen: 0.878 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

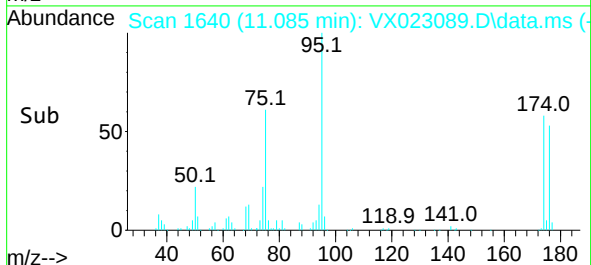
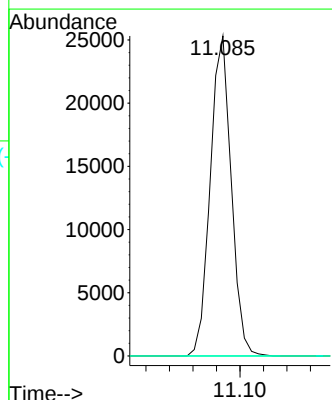
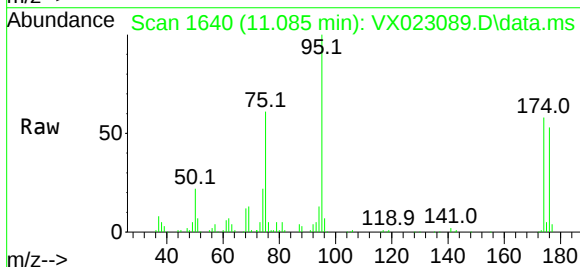
Instrument :
MSVOA_X
ClientSampleId :
PB137454TB

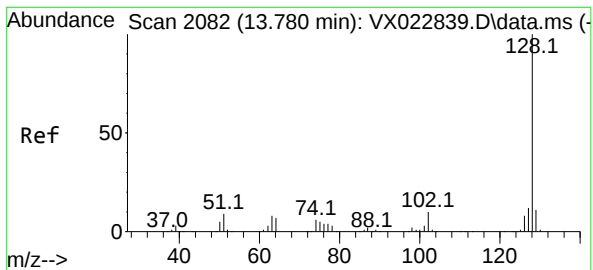
Tgt Ion:105 Resp: 2198
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 84.071 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

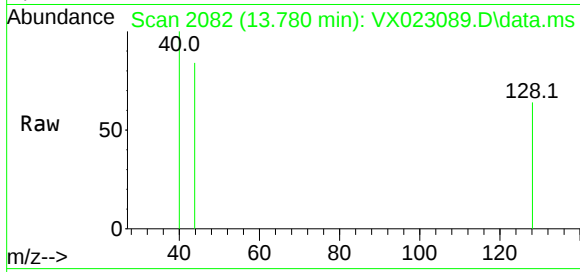
Tgt Ion: 75 Resp: 31414
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.946 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023089.D
Acq: 01 Jul 2021 16:50

Instrument :
MSVOA_X
ClientSampleId :
PB137454TB



Tgt Ion:128	Resp:	71
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.8 13.2#

