

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022513.D
 Acq On : 07 Jun 2021 05:53
 Operator : JC/MD
 Sample : PB136857ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#07

Quant Time: Jun 07 06:19:49 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)

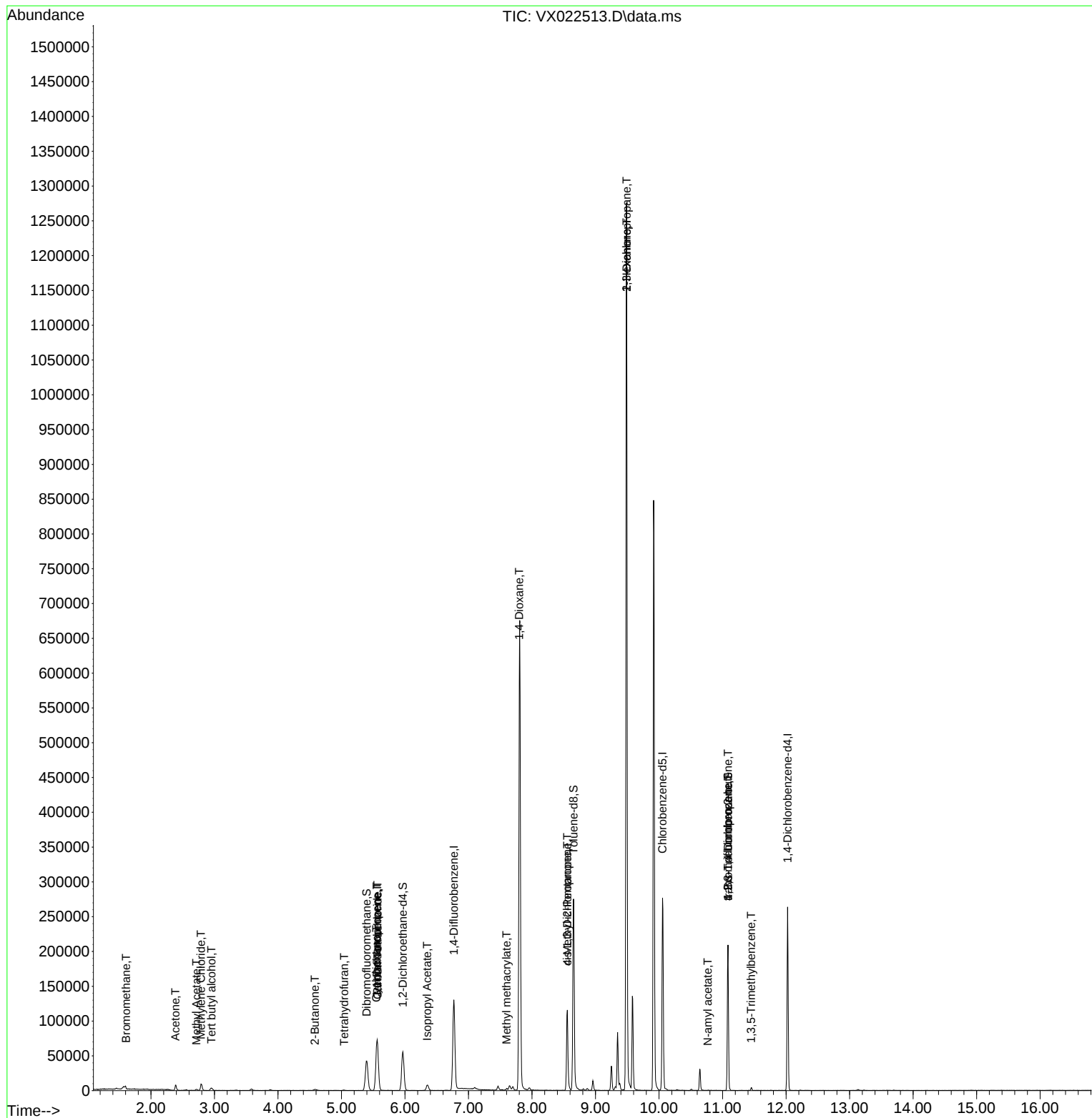
Internal Standards						
1) Pentafluorobenzene	5.562	168	61666	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51452	54.089	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.180%			
35) Dibromofluoromethane	5.397	113	36855	45.715	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.420%			
50) Toluene-d8	8.653	98	158635	51.081	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.160%			
62) 4-Bromofluorobenzene	11.085	95	57230	49.858	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.720%			
Target Compounds						Qvalue
5) Bromomethane	1.605	94	154	0.309	ug/l	# 35
11) Tert butyl alcohol	2.952	59	2411	11.082	ug/l	# 73
16) Acetone	2.385	43	7794	18.817	ug/l	95
18) Methyl Acetate	2.715	43	2082	1.890	ug/l	# 87
20) Methylene Chloride	2.788	84	4269	4.642	ug/l	91
25) 2-Butanone	4.580	43	1715	2.559	ug/l	# 87
29) Tetrahydrofuran	5.043	42	472	1.183	ug/l	# 68
31) Cyclohexane	5.549	56	2058	1.722	ug/l	# 27
36) 1,1-Dichloropropene	5.556	75	6329	5.384	ug/l	# 46
38) Carbon Tetrachloride	5.568	117	7314	6.360	ug/l	# 17
43) Isopropyl Acetate	6.348	43	11359	4.819	ug/l	# 92
48) Methyl methacrylate	7.598	41	3170	2.918	ug/l	# 10
49) 1,4-Dioxane	7.799	88	59	2.790	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	41305	29.254	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	18707	12.034	ug/l	# 66
57) 1,3-Dichloropropane	9.488	76	10672	6.722	ug/l	# 42
59) 2-Hexanone	9.488	43	150136	141.382	ug/l	# 44
74) N-amyl acetate	10.768	43	415	0.221	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	31428	27.295	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	1912	0.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	31428	64.671	ug/l	# 12

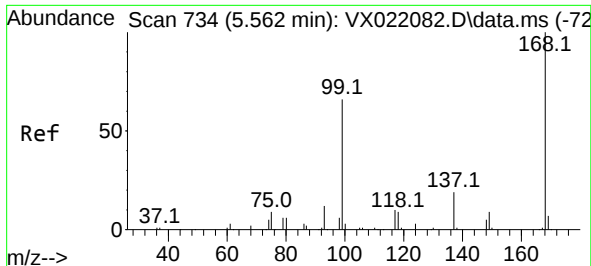
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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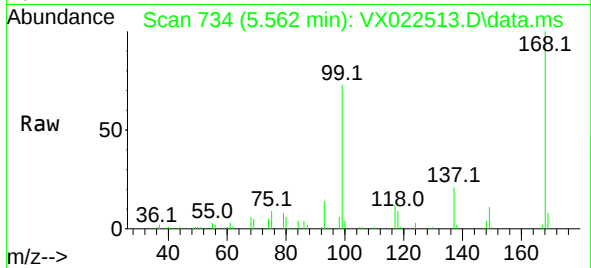
Quant Time: Jun 07 06:19:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



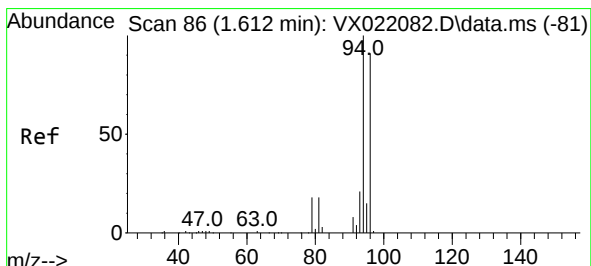
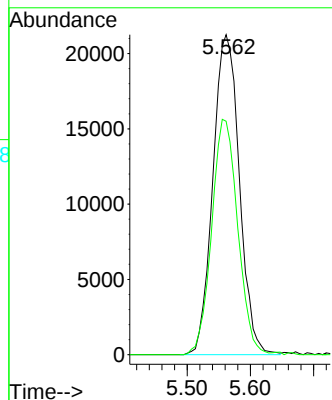
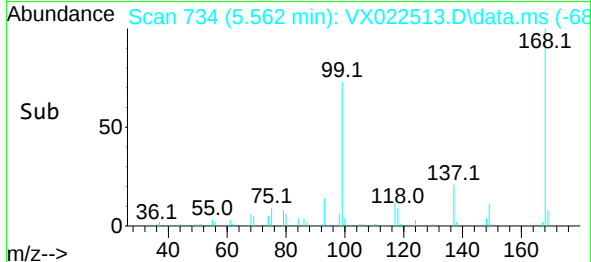


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

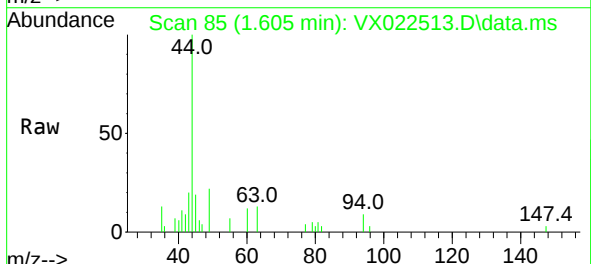
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#07



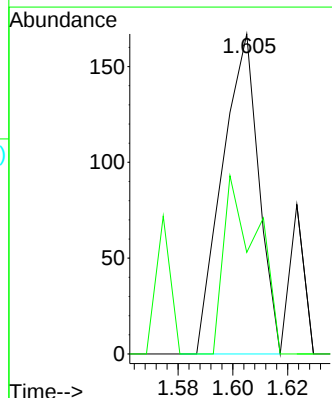
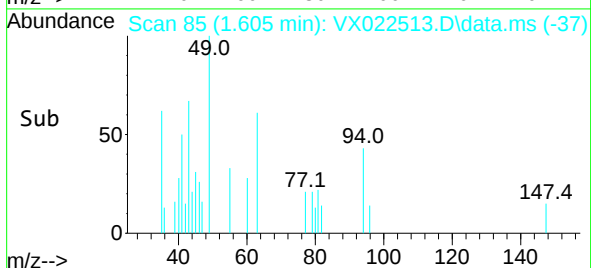
Tgt Ion:168 Resp: 61666
Ion Ratio Lower Upper
168 100
99 73.0 45.8 68.6#

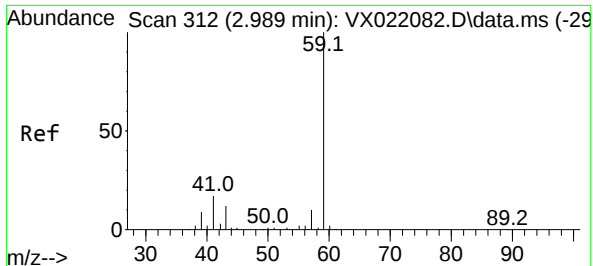


#5
Bromomethane
Concen: 0.309 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53



Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 31.7 76.4 114.6#



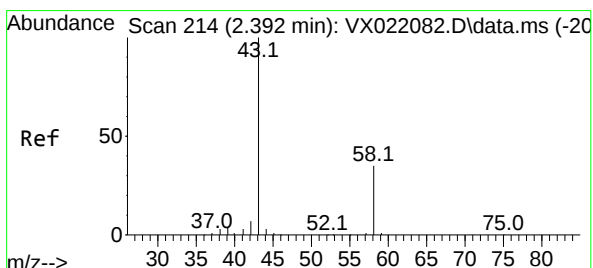
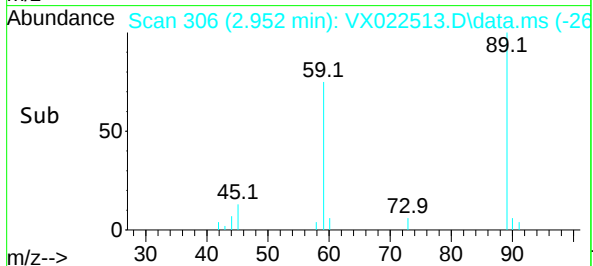
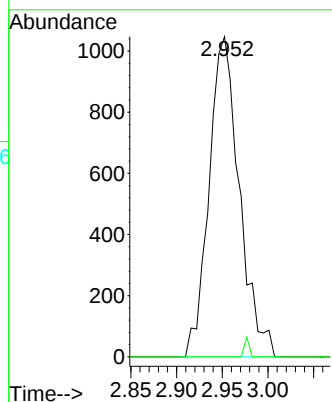
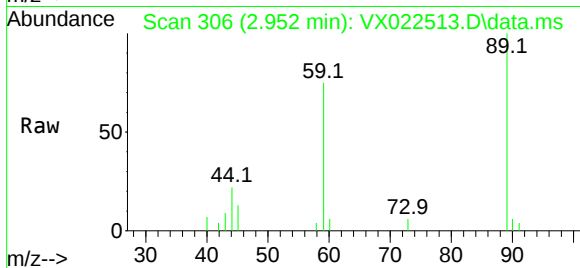


#11

Tert butyl alcohol
Concen: 11.082 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#07

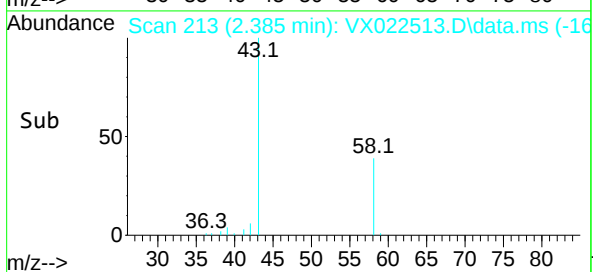
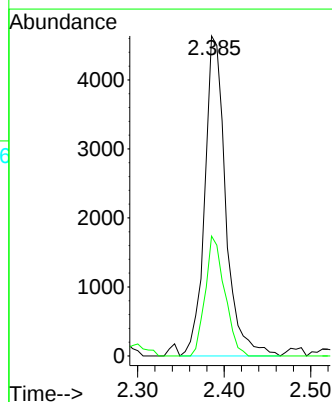
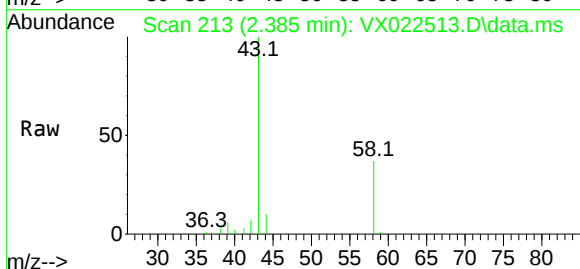
Tgt Ion: 59 Resp: 2411
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

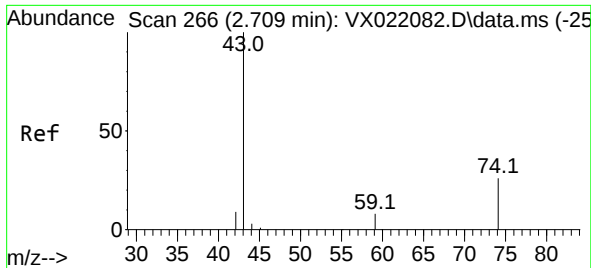


#16

Acetone
Concen: 18.817 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

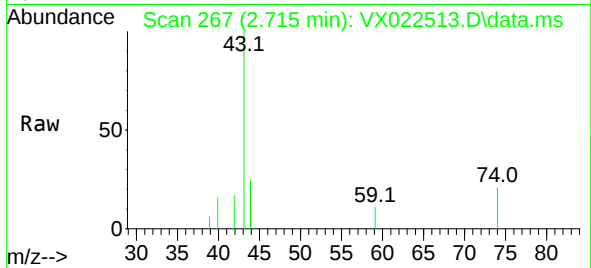
Tgt Ion: 43 Resp: 7794
Ion Ratio Lower Upper
43 100
58 37.5 27.8 41.8



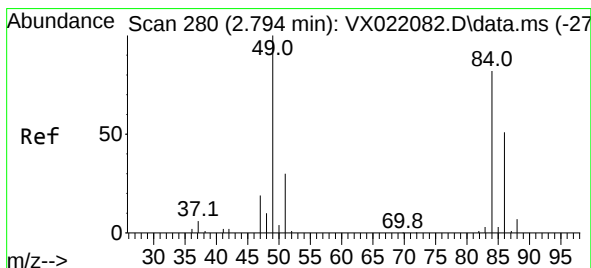
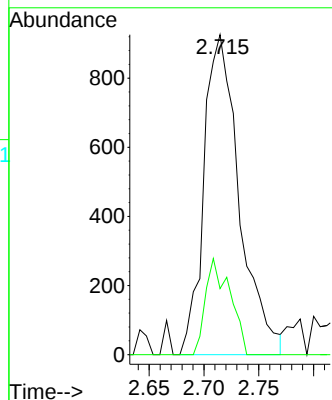
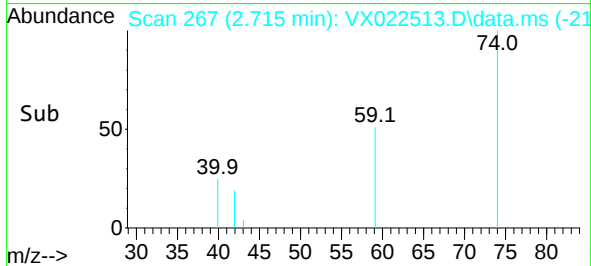


#18
Methyl Acetate
Concen: 1.890 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

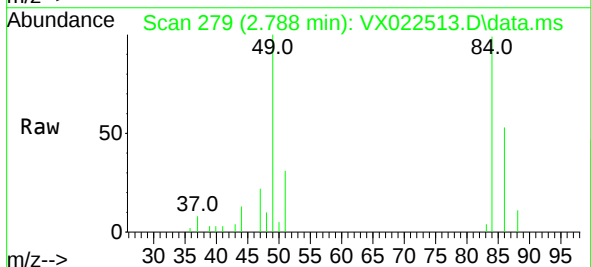
Instrument :
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ClientSampleId :
PB136857ZHE#07



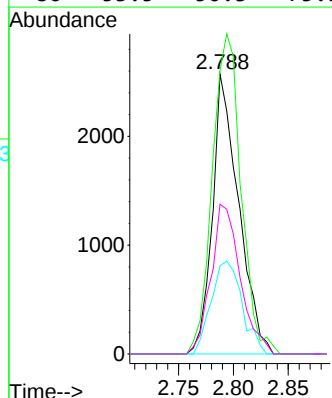
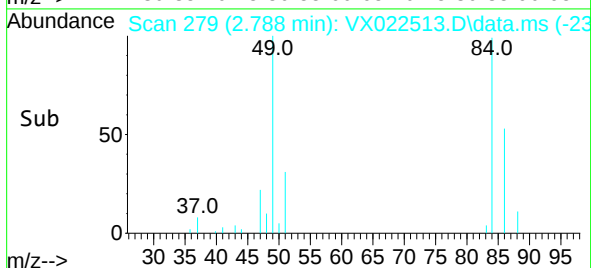
Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
74 20.7 21.9 32.9#

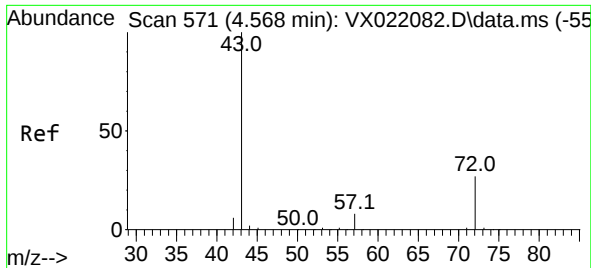


#20
Methylene Chloride
Concen: 4.642 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53



Tgt Ion: 84 Resp: 4269
Ion Ratio Lower Upper
84 100
49 101.5 88.6 132.8
51 31.5 27.0 40.6
86 53.5 50.3 75.5

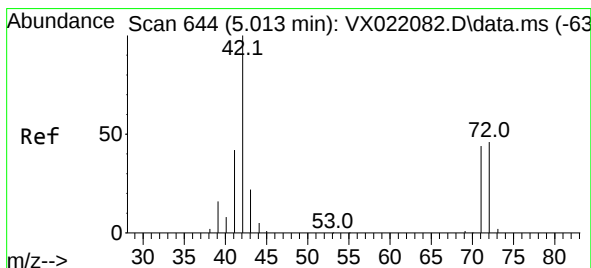
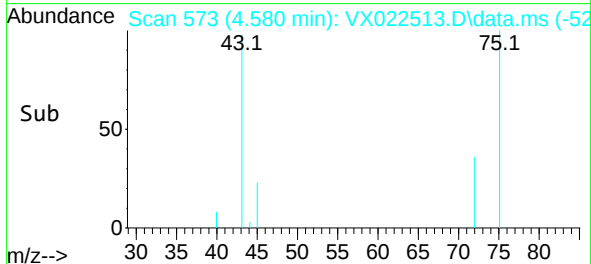
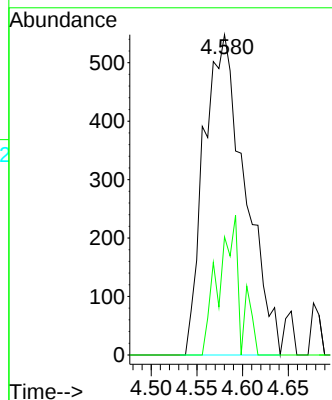
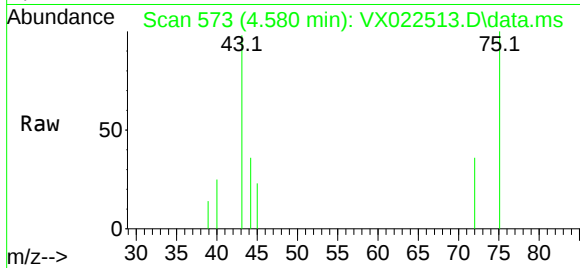




#25
2-Butanone
Concen: 2.559 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

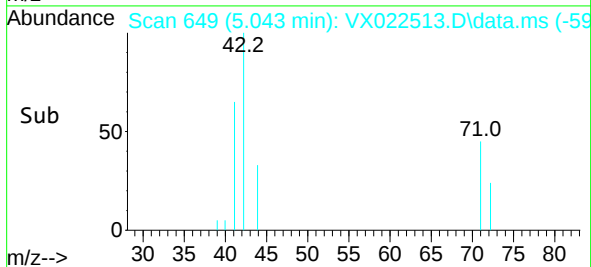
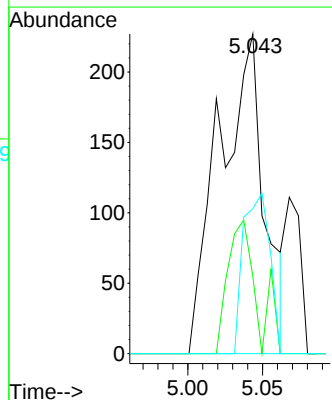
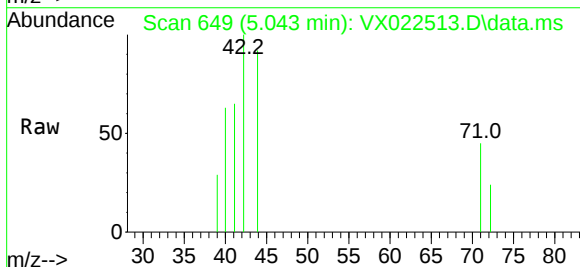
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#07

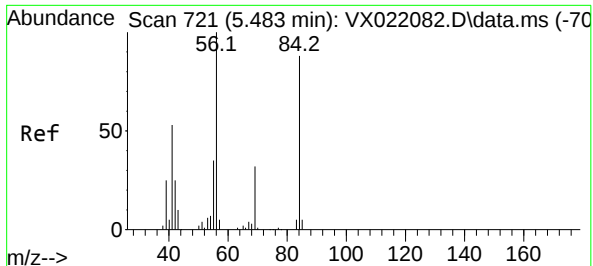
Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
72 36.9 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.183 ug/l
RT: 5.043 min Scan# 649
Delta R.T. 0.030 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

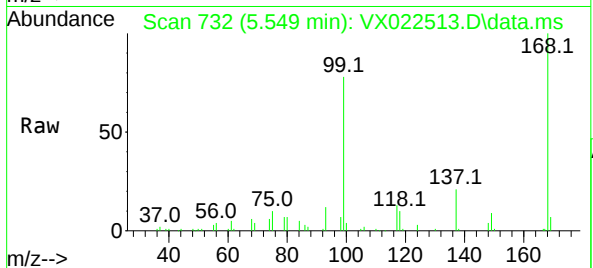
Tgt Ion: 42 Resp: 472
Ion Ratio Lower Upper
42 100
72 26.9 41.7 62.5#
71 29.7 38.4 57.6#



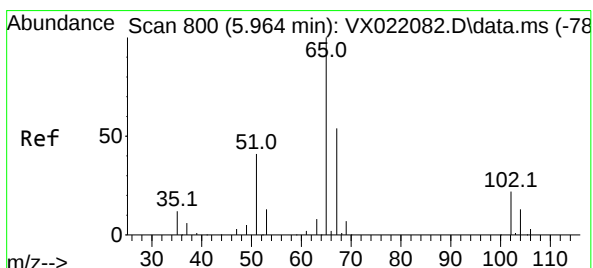
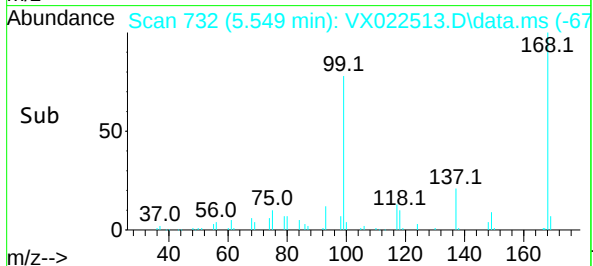
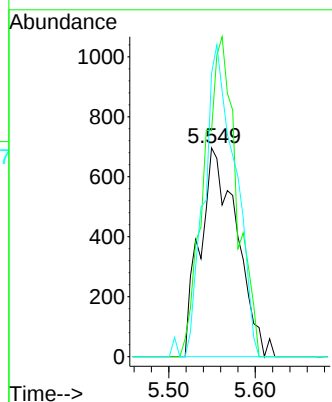


#31
Cyclohexane
Concen: 1.722 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.066 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#07

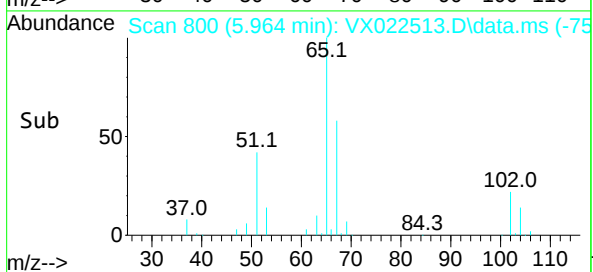
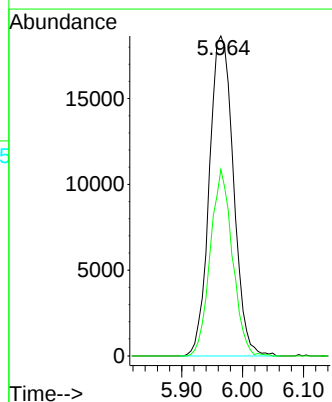
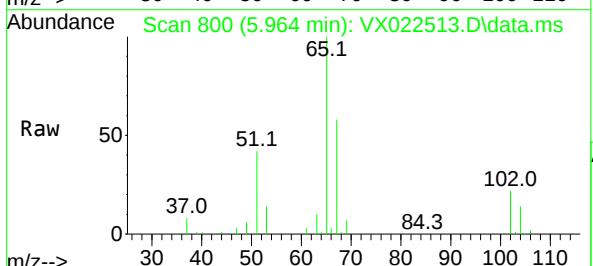


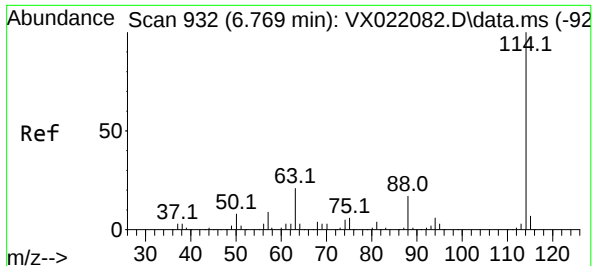
Tgt Ion: 56 Resp: 2058
Ion Ratio Lower Upper
56 100
69 108.2 25.3 37.9#
84 135.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.089 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

Tgt Ion: 65 Resp: 51452
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

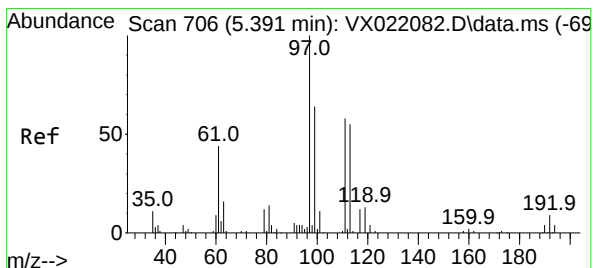
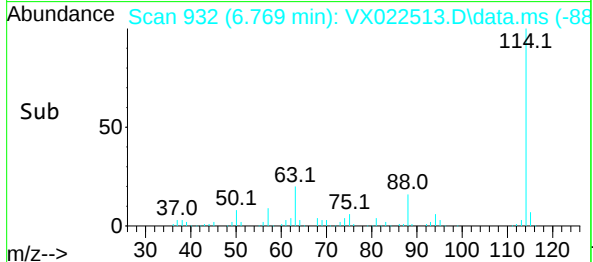
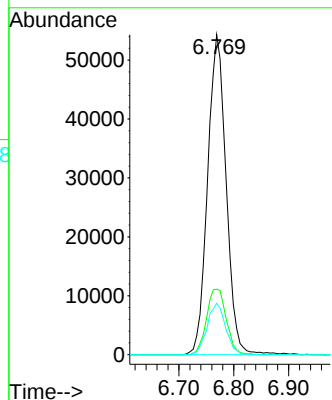
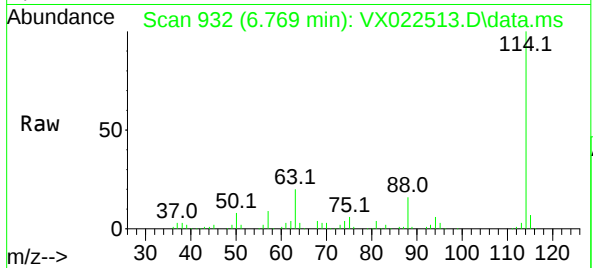




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

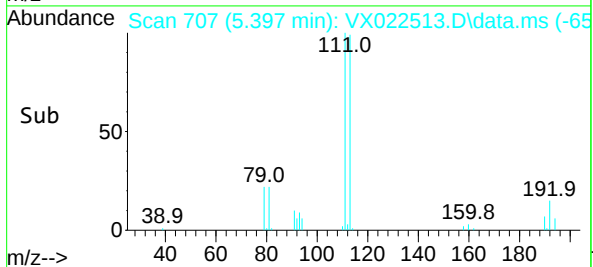
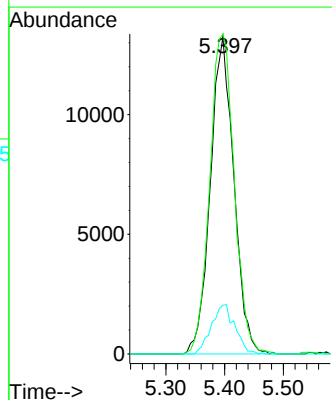
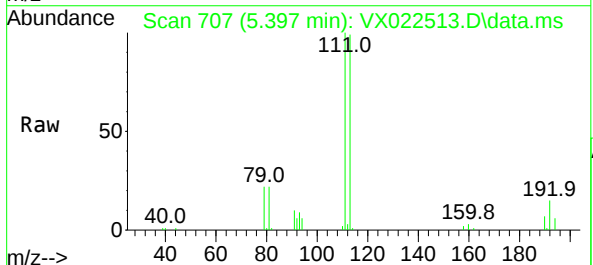
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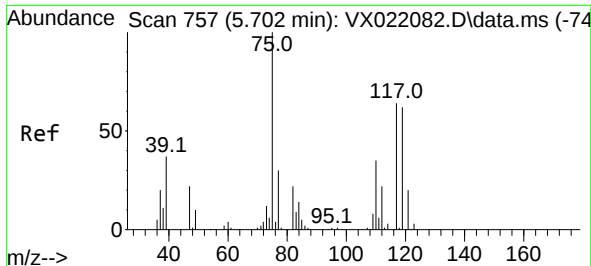
Tgt Ion:114 Resp: 127129
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.715 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

Tgt Ion:113 Resp: 36855
Ion Ratio Lower Upper
113 100
111 105.5 81.9 122.9
192 15.6 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.384 ug/l

RT: 5.556 min Scan# 733

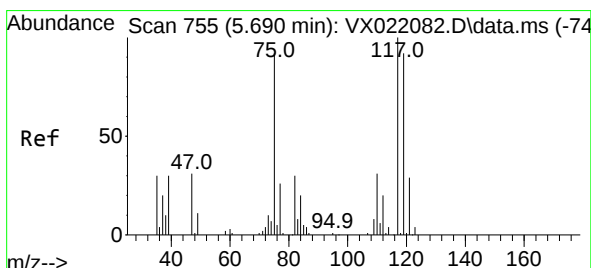
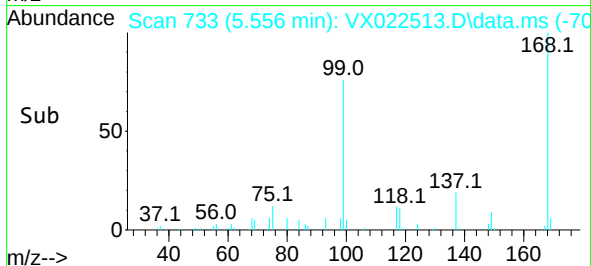
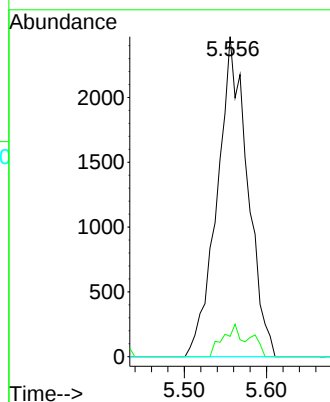
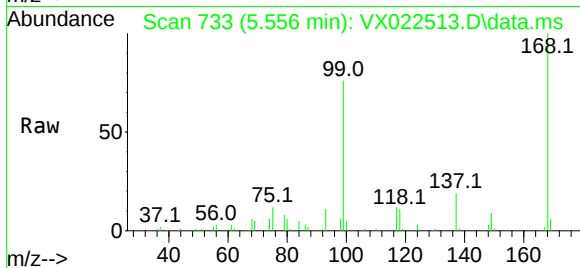
Delta R.T. -0.146 min

Lab File: VX022513.D

Acq: 07 Jun 2021 05:53

Tgt Ion:	75	Resp:	6329
Ion	Ratio	Lower	Upper
75	100		
110	6.1	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
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ClientSampleId :
PB136857ZHE#07



#38

Carbon Tetrachloride

Concen: 6.360 ug/l

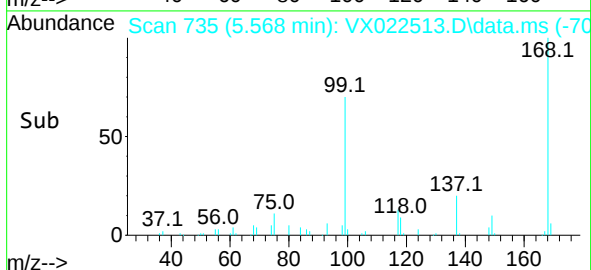
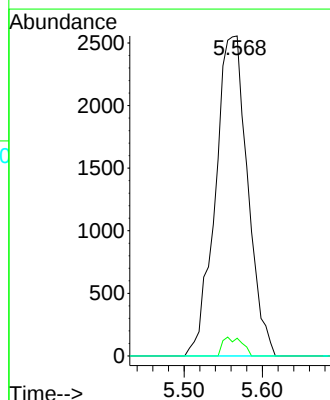
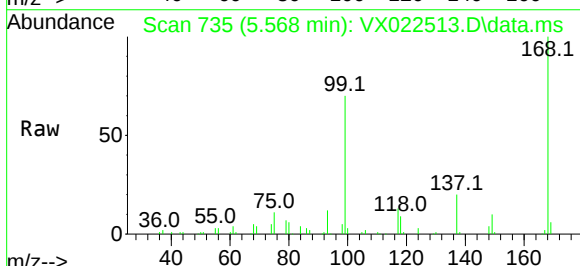
RT: 5.568 min Scan# 735

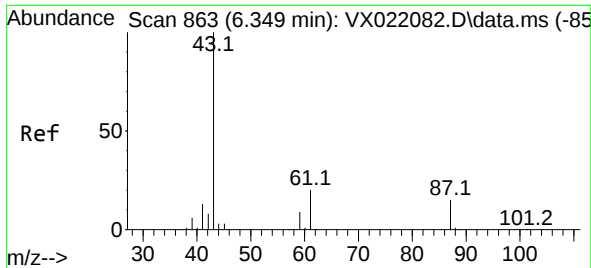
Delta R.T. -0.122 min

Lab File: VX022513.D

Acq: 07 Jun 2021 05:53

Tgt Ion:	117	Resp:	7314
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.2	114.2#
121	0.0	24.8	37.2#

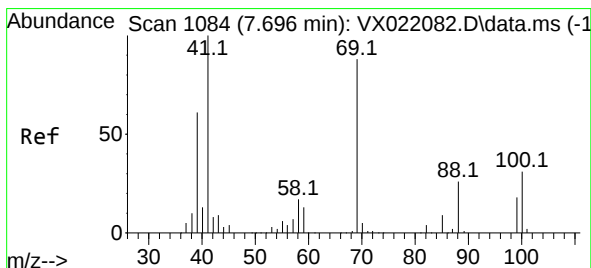
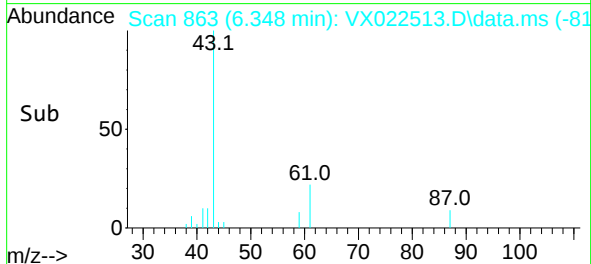
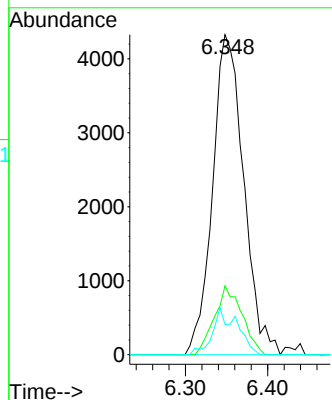
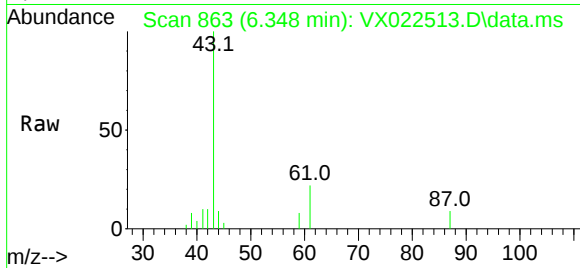




#43
Isopropyl Acetate
Concen: 4.819 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

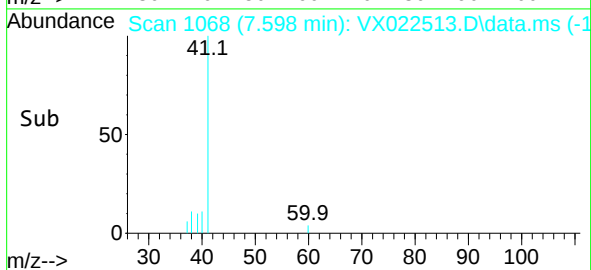
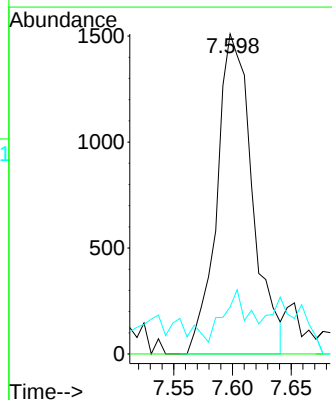
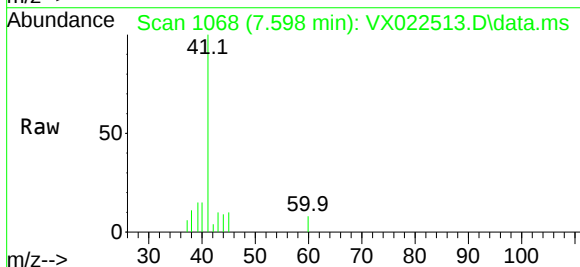
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#07

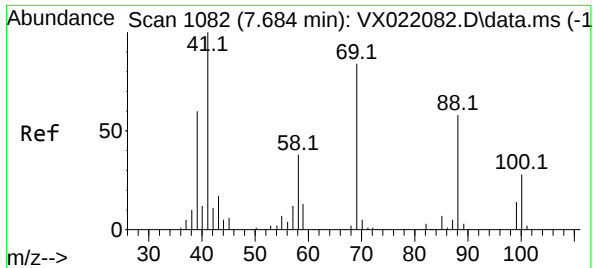
Tgt Ion:	43	Resp:	11359
Ion	Ratio	Lower	Upper
43	100		
61	19.1	18.2	27.4
87	11.5	12.5	18.7#



#48
Methyl methacrylate
Concen: 2.918 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

Tgt Ion:	41	Resp:	3170
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: 2.790 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.115 min

Lab File: VX022513.D

Acq: 07 Jun 2021 05:53

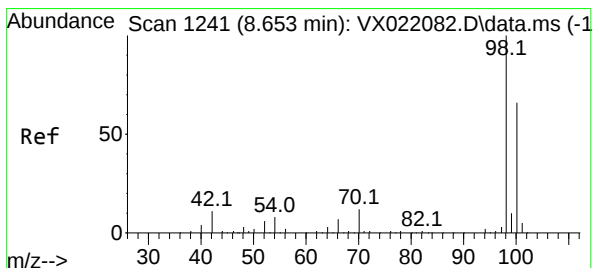
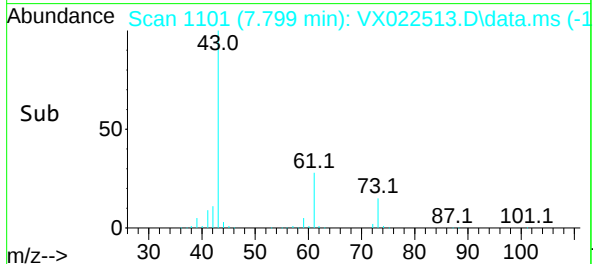
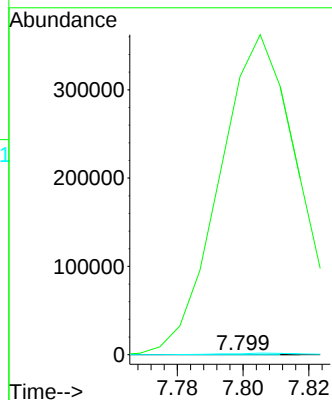
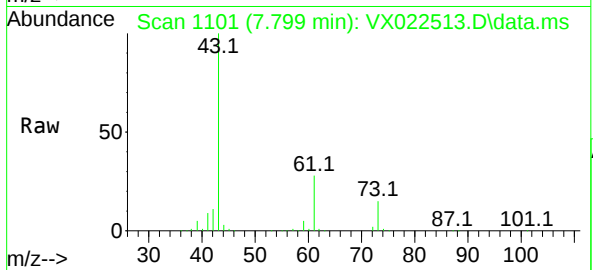
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

43 1049457.6 23.2 34.8#

58 4681.4 55.0 82.4#



#50

Toluene-d8

Concen: 51.081 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022513.D

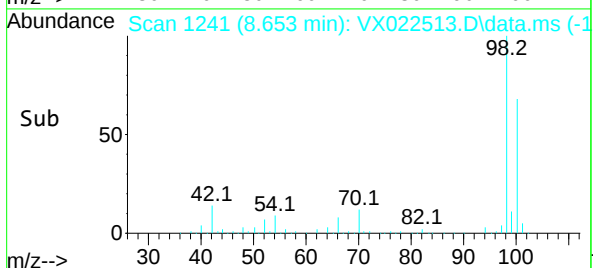
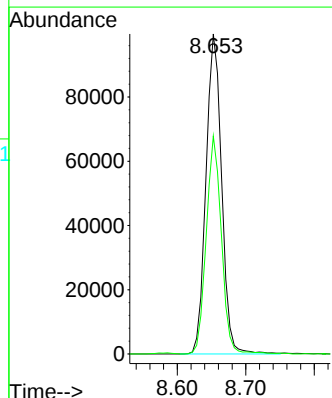
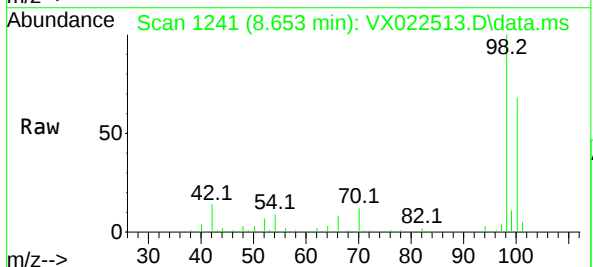
Acq: 07 Jun 2021 05:53

Tgt Ion: 98 Resp: 158635

Ion Ratio Lower Upper

98 100

100 66.0 51.9 77.9

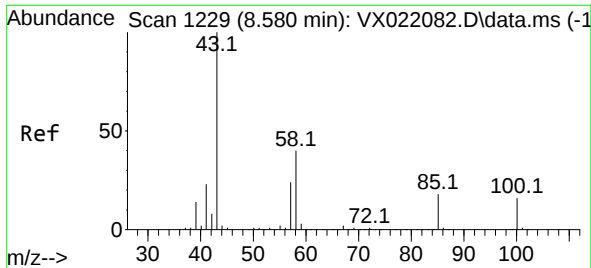


Instrument :

MSVOA_X

ClientSampleId :

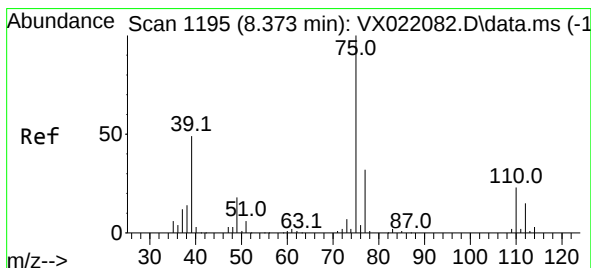
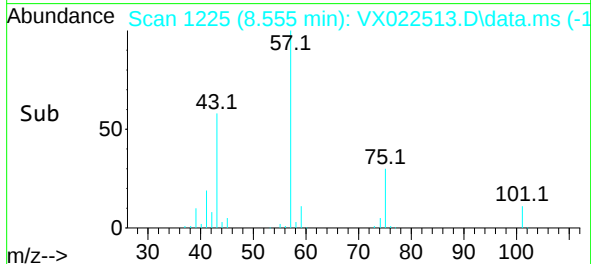
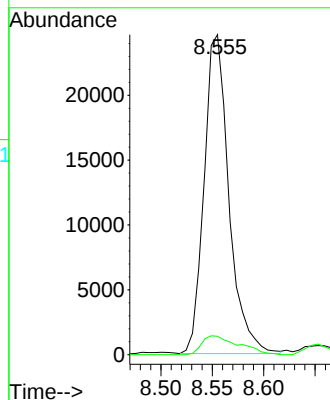
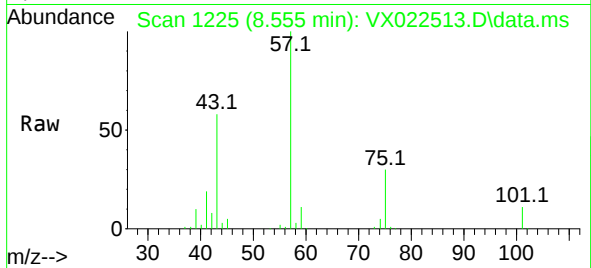
PB136857ZHE#07



#51
4-Methyl-2-Pentanone
Concen: 29.254 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

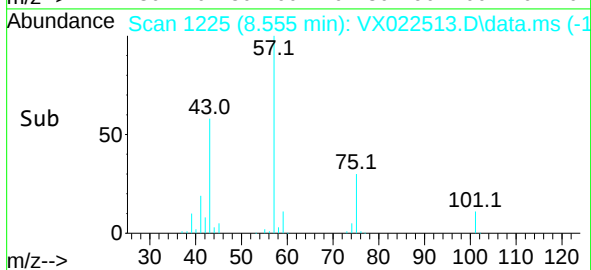
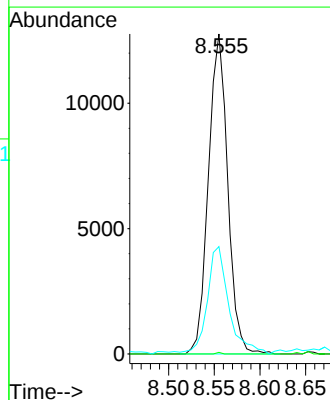
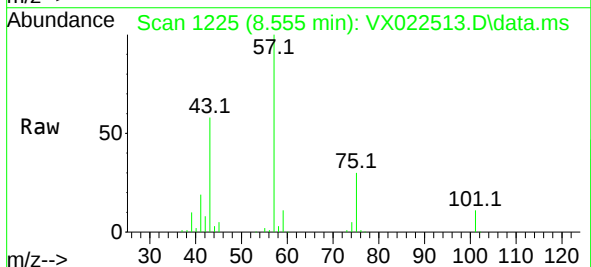
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#07

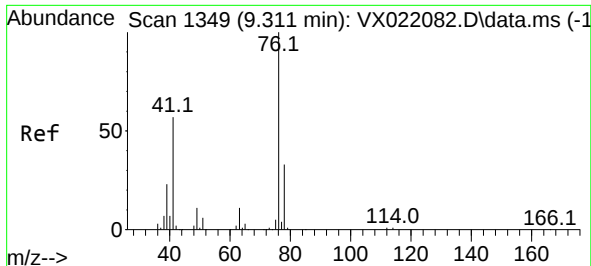
Tgt Ion: 43 Resp: 41305
Ion Ratio Lower Upper
43 100
58 8.8 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 12.034 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

Tgt Ion: 75 Resp: 18707
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 33.0 35.1 52.7#



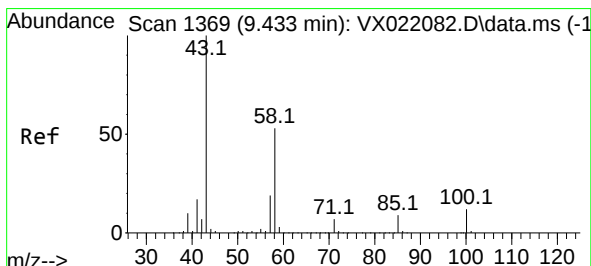
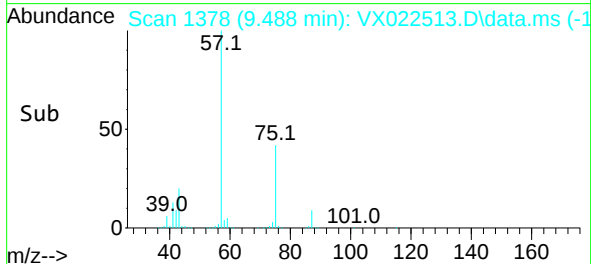
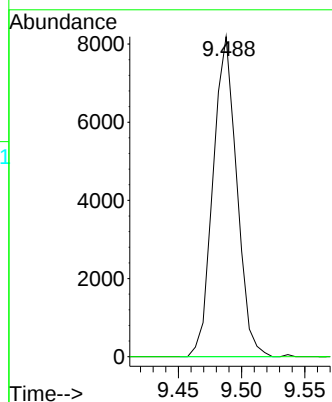
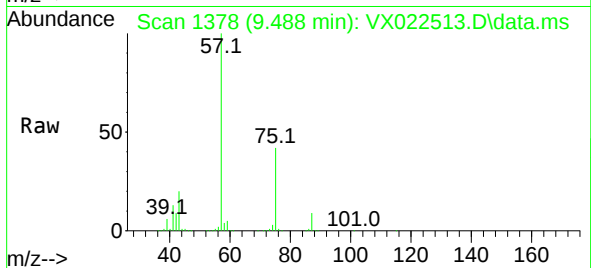


#57

1,3-Dichloropropane
Concen: 6.722 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#07

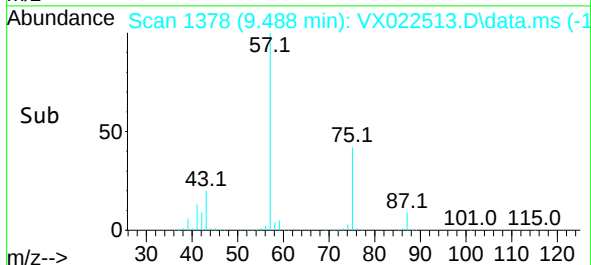
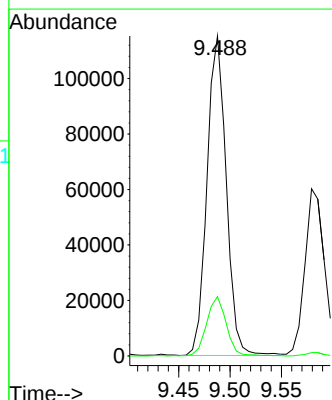
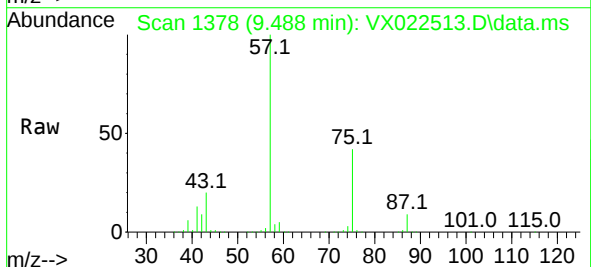
Tgt Ion: 76 Resp: 10672
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

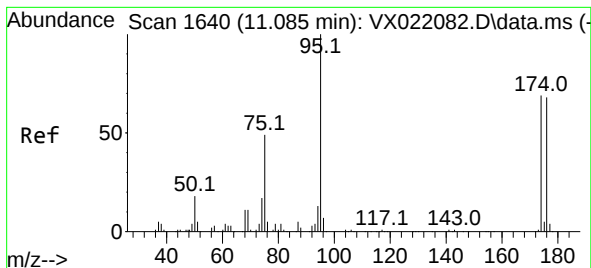


#59

2-Hexanone
Concen: 141.382 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

Tgt Ion: 43 Resp: 150136
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#

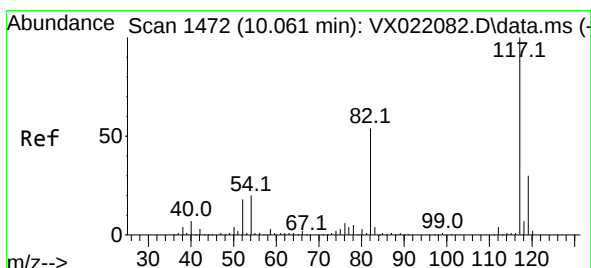
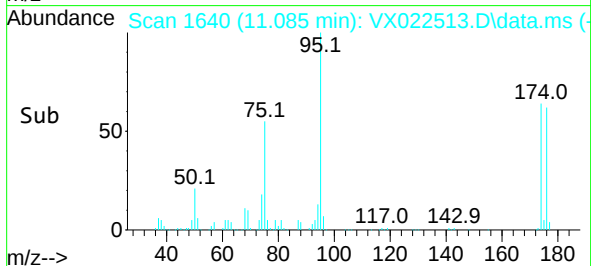
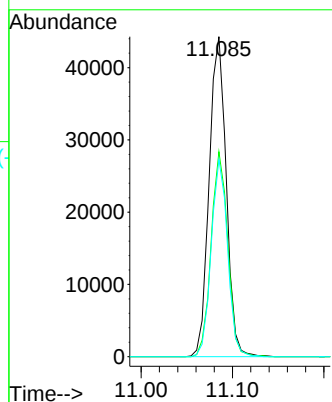
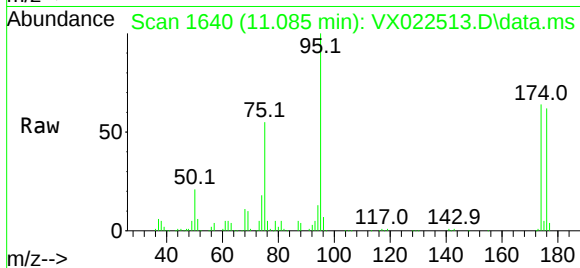




#62
4-Bromofluorobenzene
Concen: 49.858 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

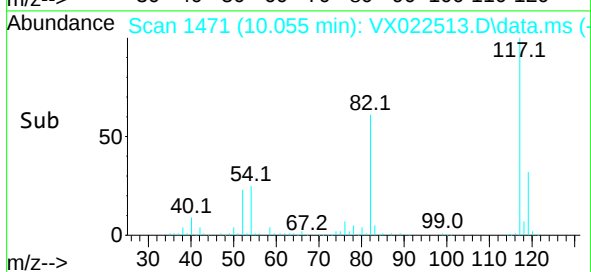
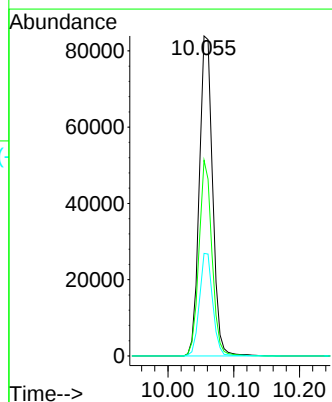
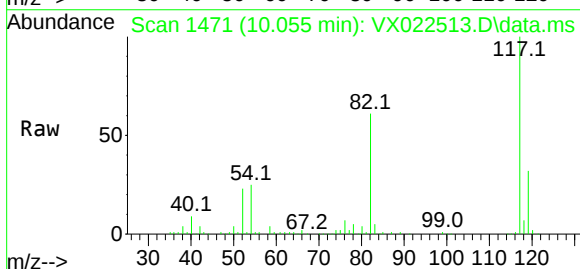
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#07

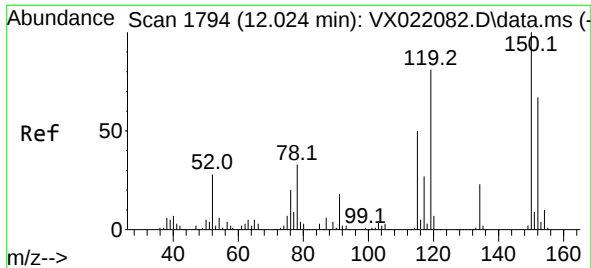
Tgt Ion: 95 Resp: 57230
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 59.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

Tgt Ion: 117 Resp: 117895
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 32.1 26.6 39.8

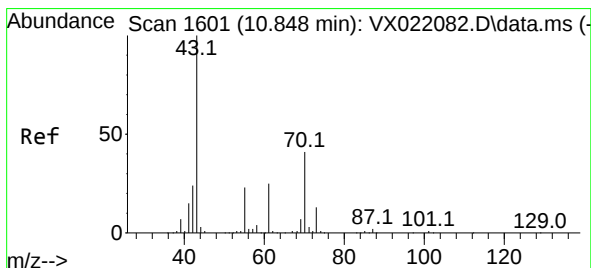
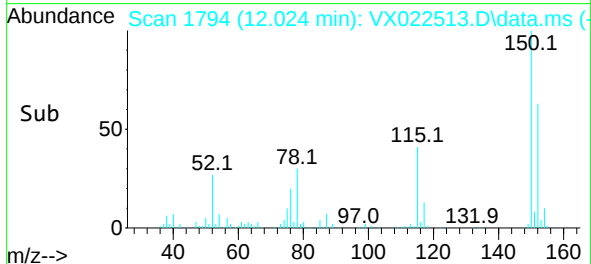
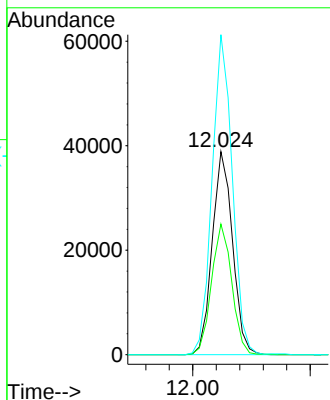
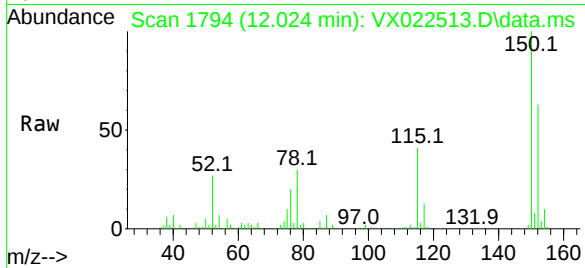




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

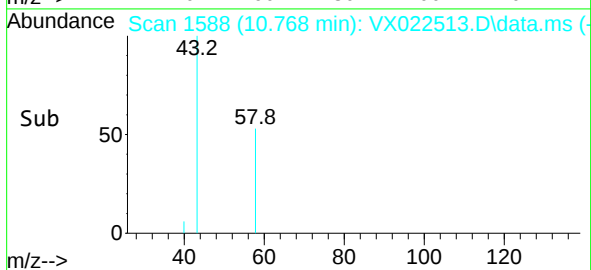
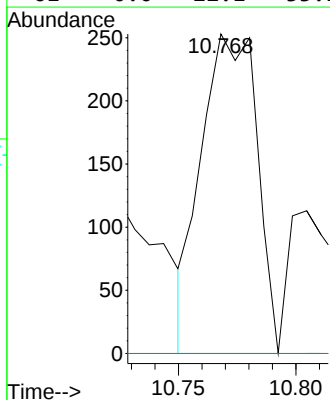
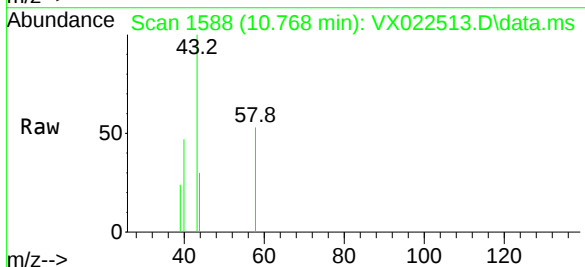
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#07

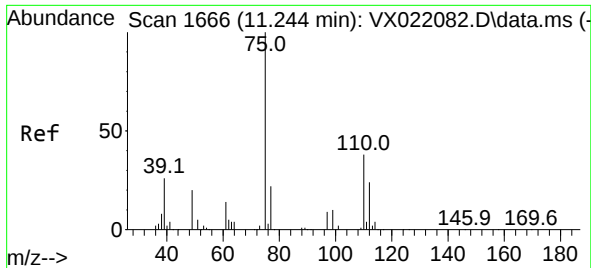
Tgt Ion:152 Resp: 46673
Ion Ratio Lower Upper
152 100
115 64.1 41.1 123.3
150 156.9 0.0 349.0



#74
N-ethyl acetate
Concen: 0.221 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

Tgt Ion: 43 Resp: 415
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#

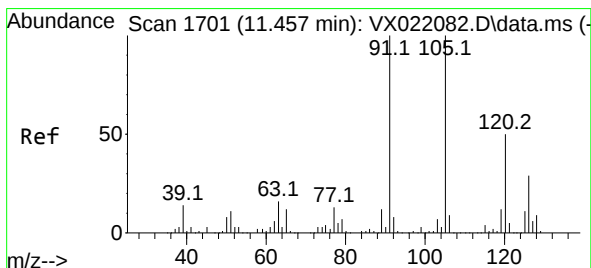
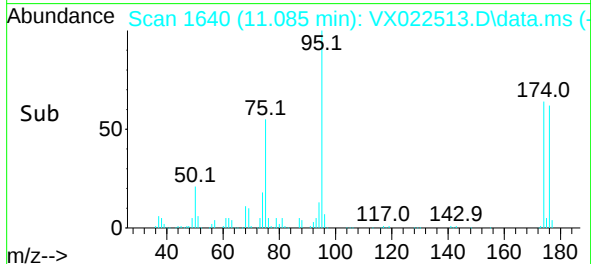
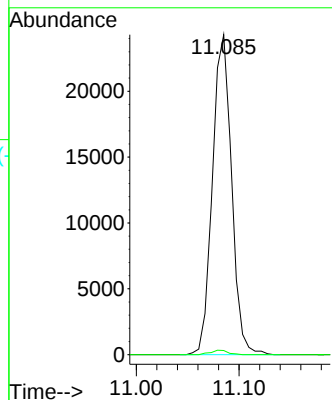
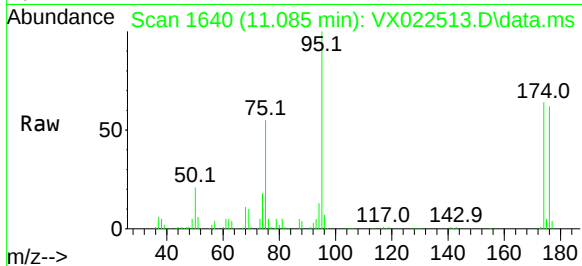




#76
1,2,3-Trichloropropane
Concen: 27.295 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

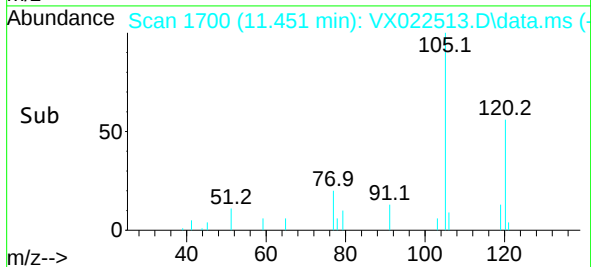
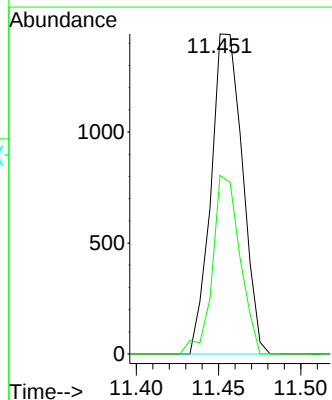
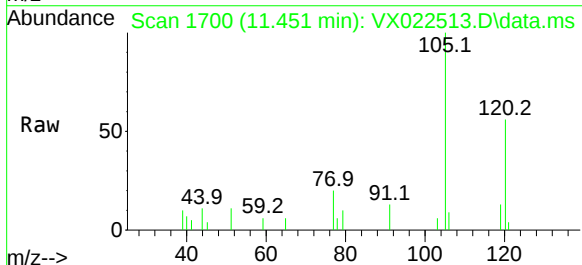
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#07

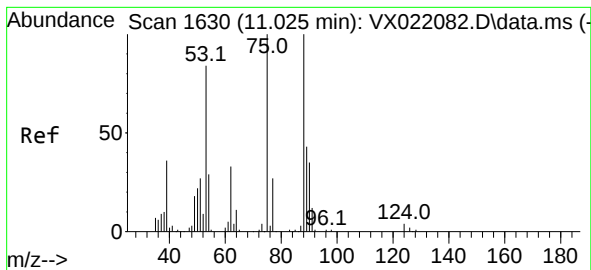
Tgt Ion: 75 Resp: 31428
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.584 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022513.D
Acq: 07 Jun 2021 05:53

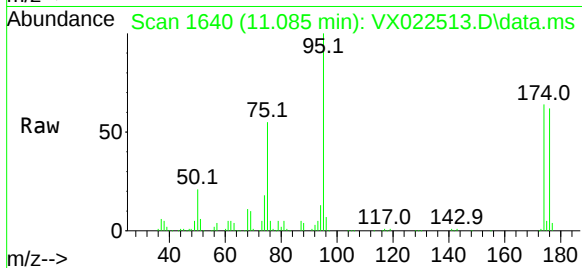
Tgt Ion: 105 Resp: 1912
Ion Ratio Lower Upper
105 100
120 48.8 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.671 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022513.D
 Acq: 07 Jun 2021 05:53

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#07



Tgt Ion: 75 Resp: 31428
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

