

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022953.D
 Acq On : 26 Jun 2021 04:12
 Operator : JC/MD
 Sample : PB137293ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137293ZHE#09

Quant Time: Jun 26 07:37:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

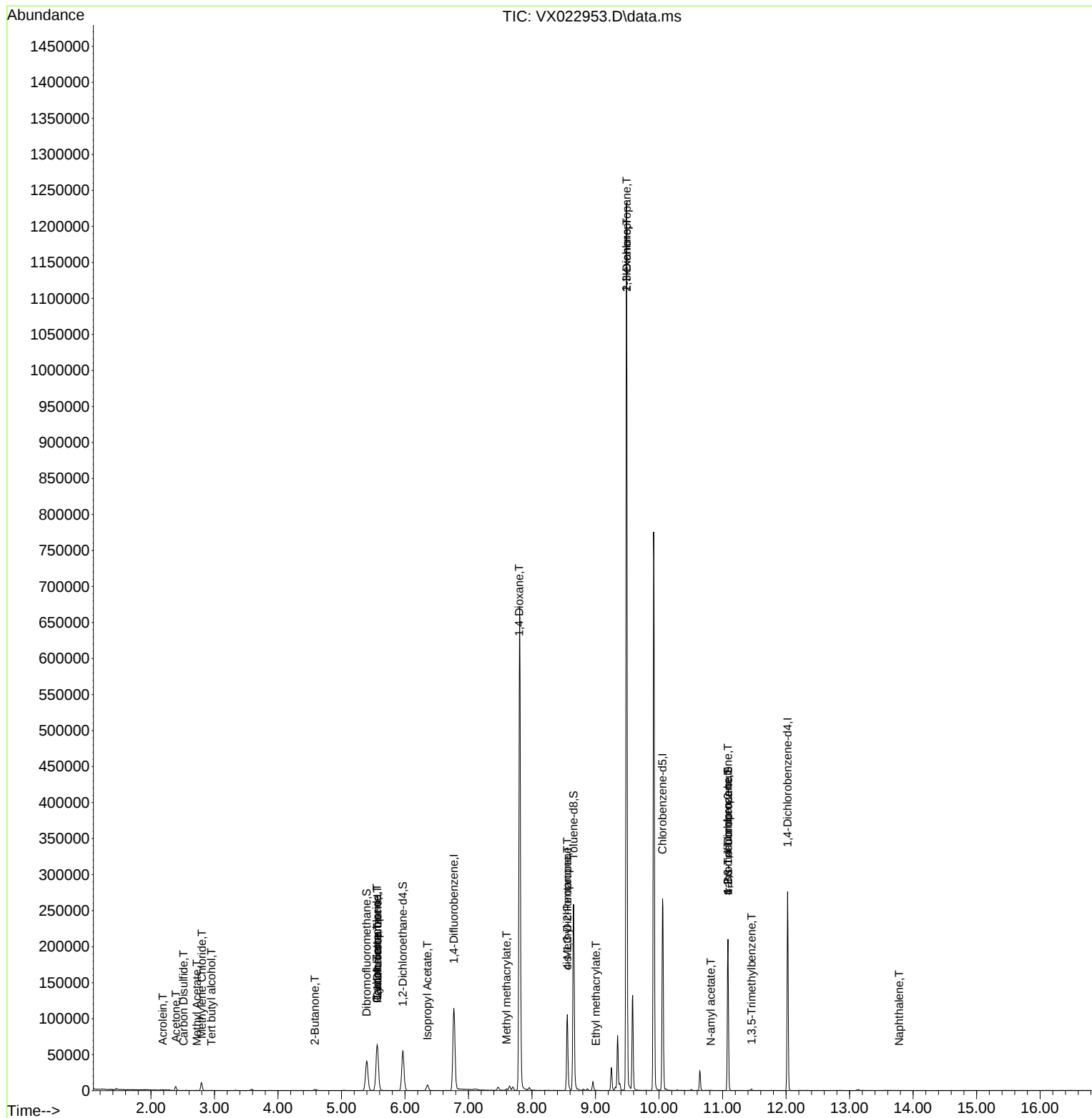
Internal Standards						
1) Pentafluorobenzene	5.568	168	52099	50.00	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	109033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49279	52.12	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	104.24%		
35) Dibromofluoromethane	5.397	113	34149	49.32	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.64%		
50) Toluene-d8	8.653	98	144263	53.16	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.32%		
62) 4-Bromofluorobenzene	11.085	95	54053	53.37	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.74%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	150	0.76	ug/l	# 73
13) Acrolein	2.184	56	27	0.22	ug/l	# 14
16) Acetone	2.392	43	6053	14.44	ug/l	93
17) Carbon Disulfide	2.514	76	25	3.53	ug/l	# 75
18) Methyl Acetate	2.721	43	472	0.46	ug/l	# 47
20) Methylene Chloride	2.800	84	4370	5.59	ug/l	# 87
25) 2-Butanone	4.580	43	1370	2.10	ug/l	# 73
31) Cyclohexane	5.562	56	1563	1.17	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	5686	4.91	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	6412	6.60	ug/l	# 12
43) Isopropyl Acetate	6.354	43	10393	4.82	ug/l	# 91
48) Methyl methacrylate	7.598	41	2962	2.97	ug/l	# 10
49) 1,4-Dioxane	7.799	88	41	1.91	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	36874	27.47	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	16310	13.14	ug/l	# 67
56) Ethyl methacrylate	9.006	69	63	2.62	ug/l	# 29
57) 1,3-Dichloropropane	9.488	76	10270	6.98	ug/l	# 42
59) 2-Hexanone	9.488	43	145319	142.70	ug/l	# 43
74) N-amyl acetate	10.817	43	245	2.16	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	30597	24.74	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	1187	0.36	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	30597	64.62	ug/l	# 12
95) Naphthalene	13.780	128	183	1.97	ug/l	# 69

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

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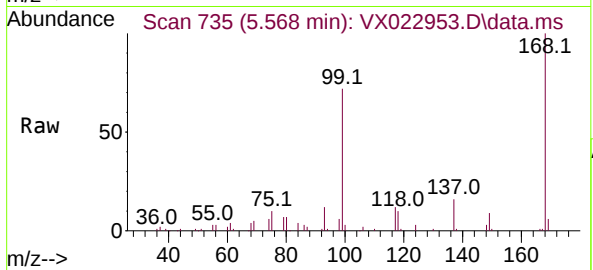
Quant Time: Jun 26 07:37:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
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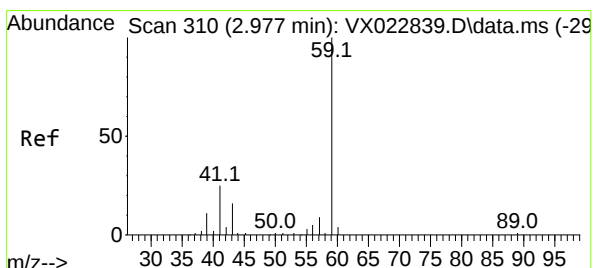
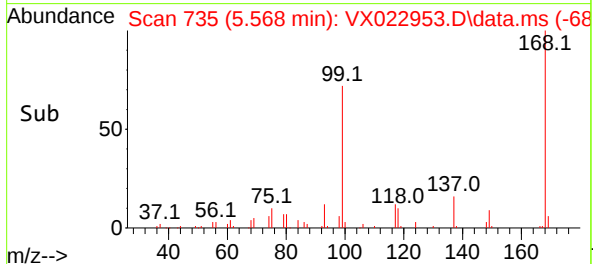
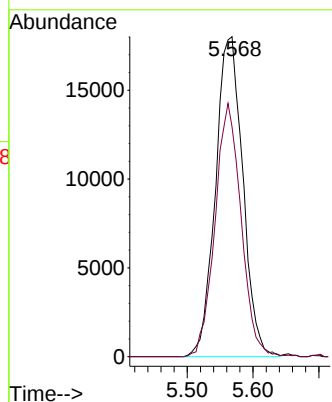


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

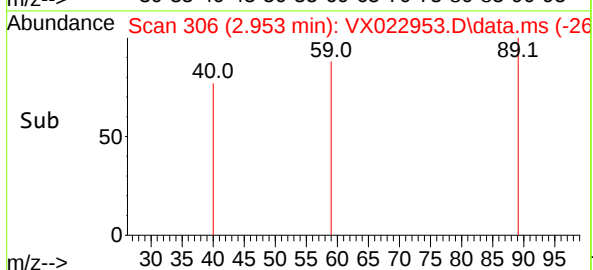
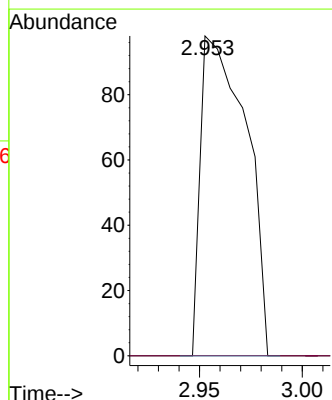
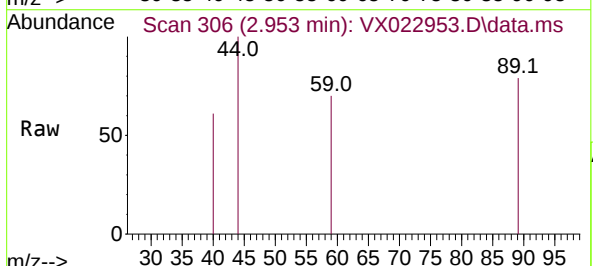


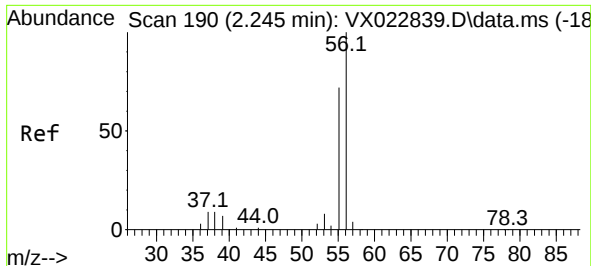
Tgt Ion:168 Resp: 52099
Ion Ratio Lower Upper
168 100
99 71.8 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.76 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

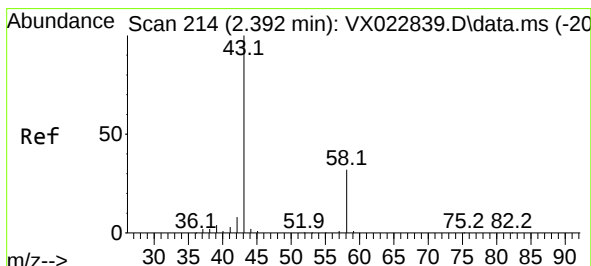
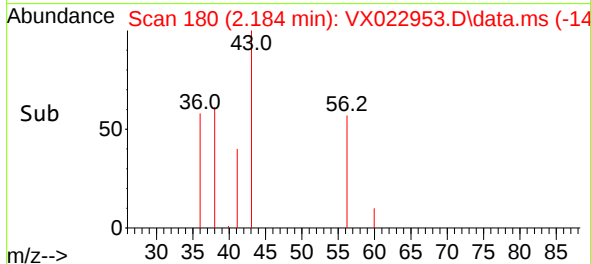
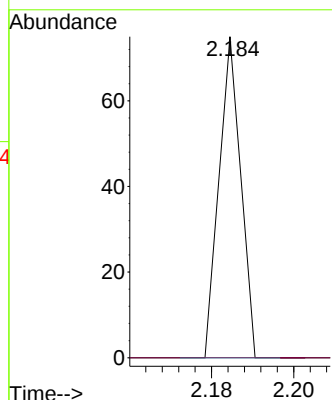
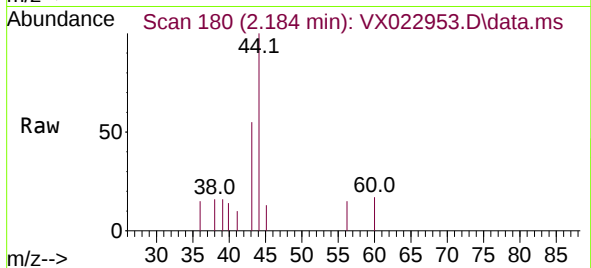




#13
Acrolein
Concen: 0.22 ug/l
RT: 2.184 min Scan# 180
Delta R.T. -0.061 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

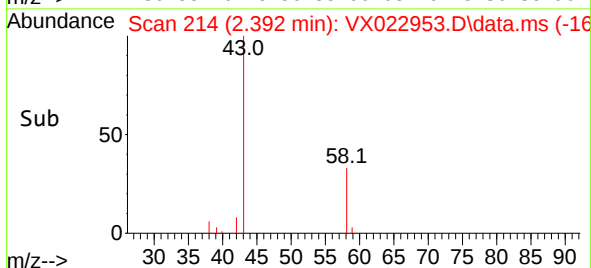
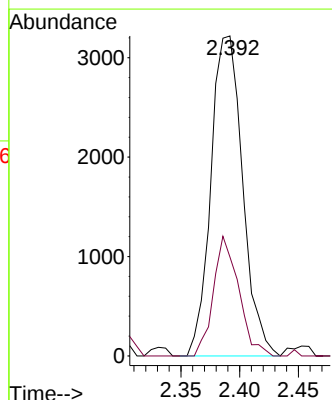
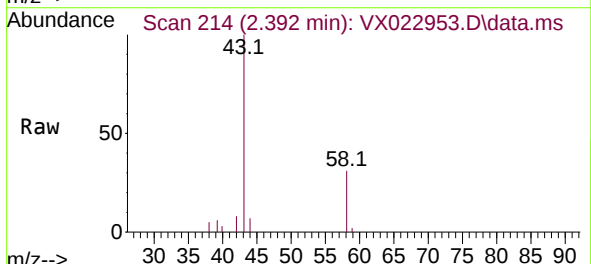
Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

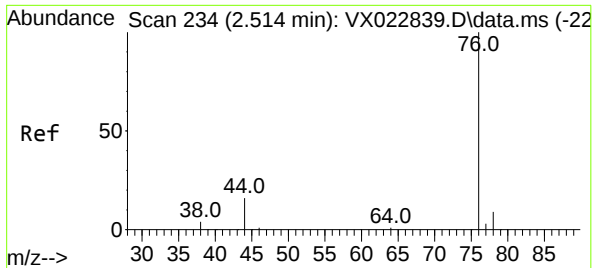
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 14.44 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion: 43 Resp: 6053
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8

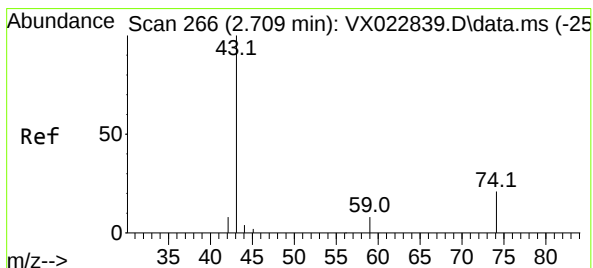
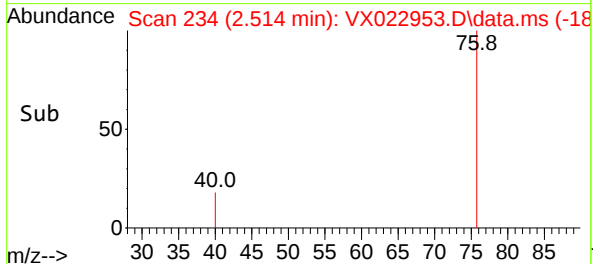
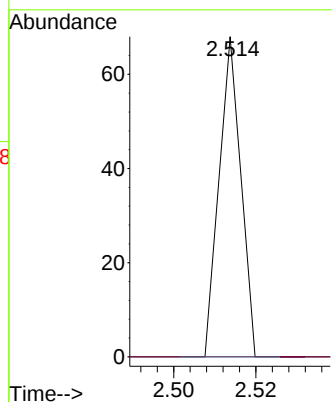
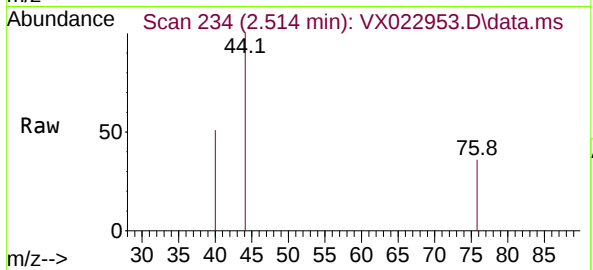




#17
Carbon Disulfide
Concen: 3.53 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

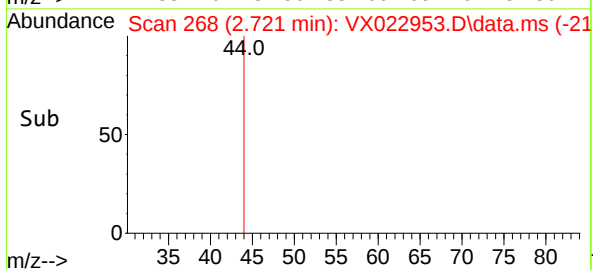
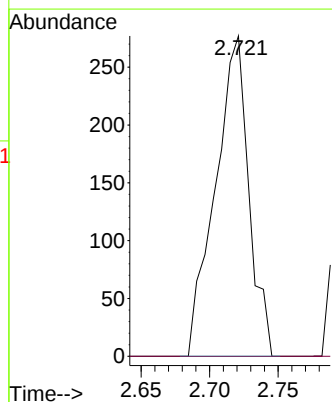
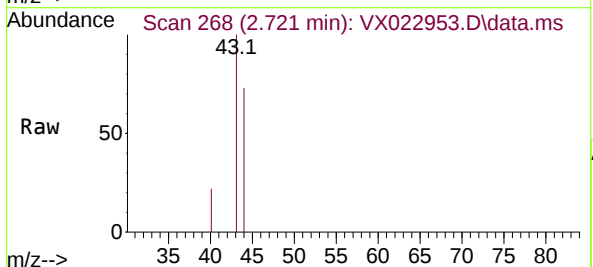
Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

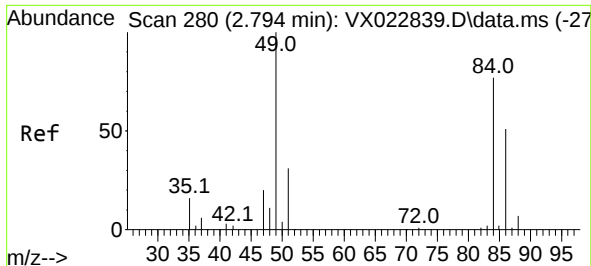
Tgt Ion: 76 Resp: 25
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.46 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



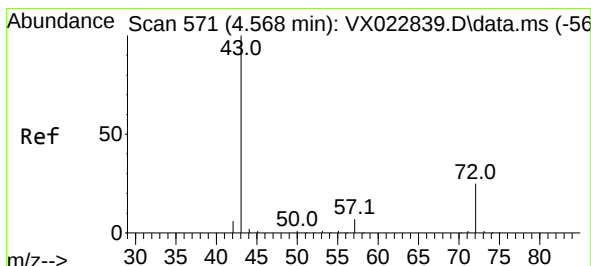
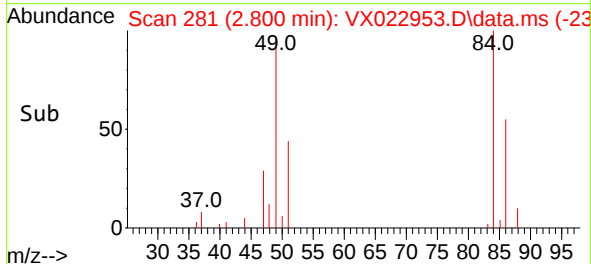
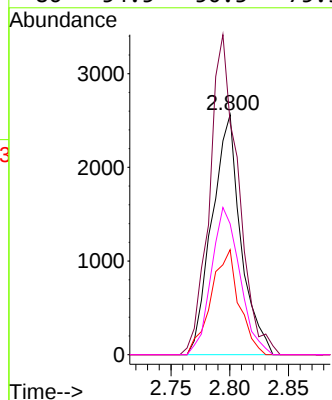
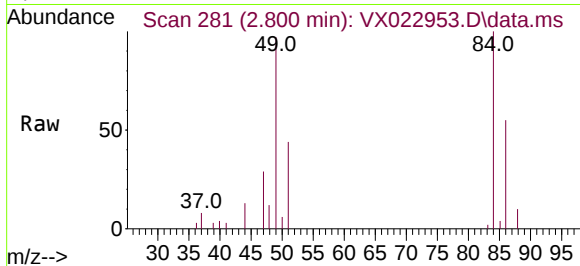


#20
Methylene Chloride
Concen: 5.59 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

Tgt Ion: 84 Resp: 4370

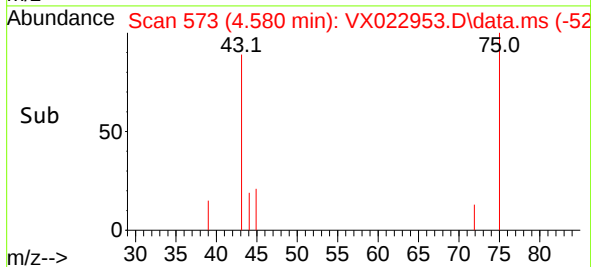
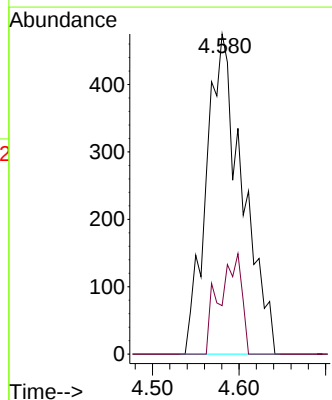
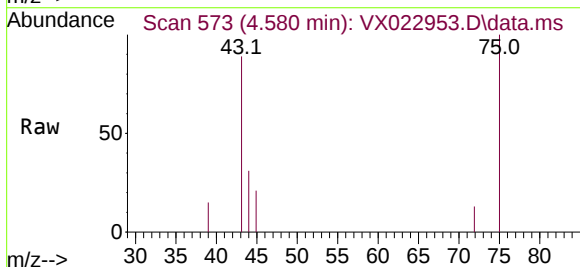
Ion	Ratio	Lower	Upper
84	100		
49	96.6	88.6	132.8
51	43.7	27.0	40.6#
86	54.5	50.3	75.5

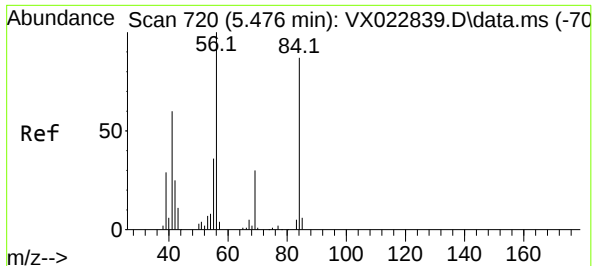


#25
2-Butanone
Concen: 2.10 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion: 43 Resp: 1370

Ion	Ratio	Lower	Upper
43	100		
72	15.2	23.7	35.5#

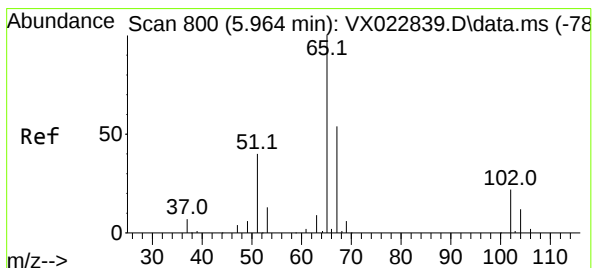
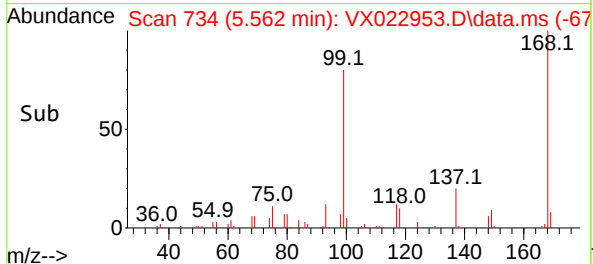
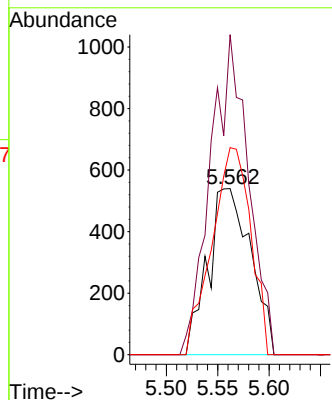
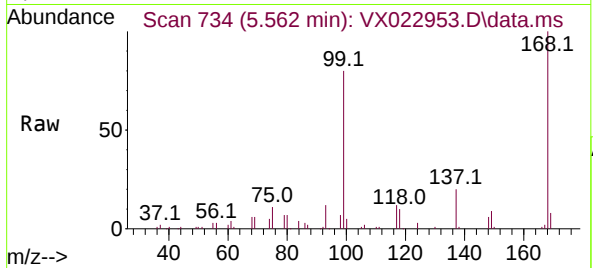




#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

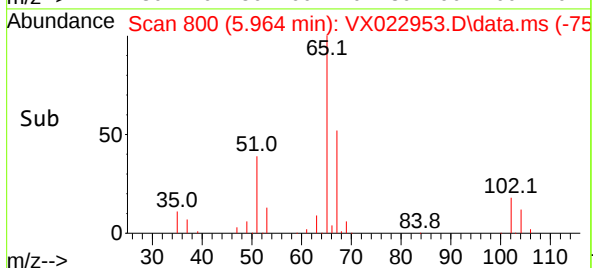
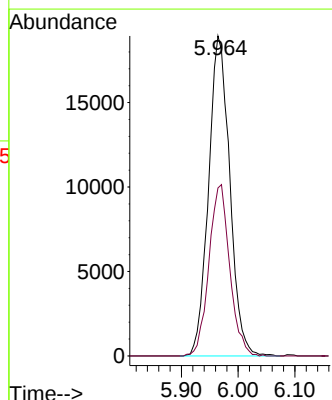
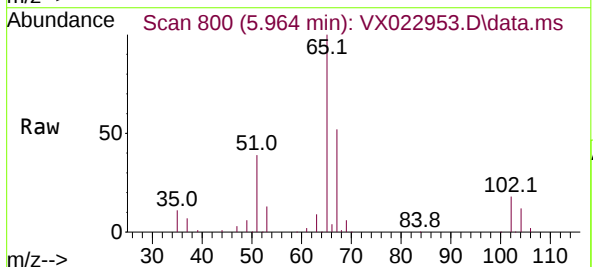
Instrument :
MSVOA_X
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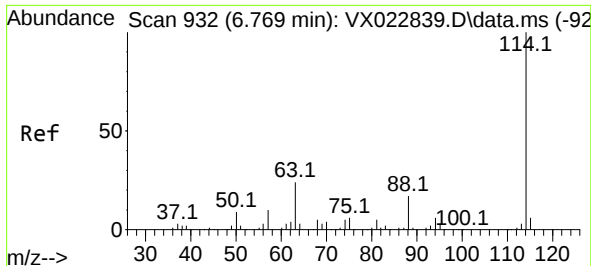
Tgt Ion: 56 Resp: 1563
Ion Ratio Lower Upper
56 100
69 192.6 25.3 37.9#
84 124.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.12 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion: 65 Resp: 49279
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

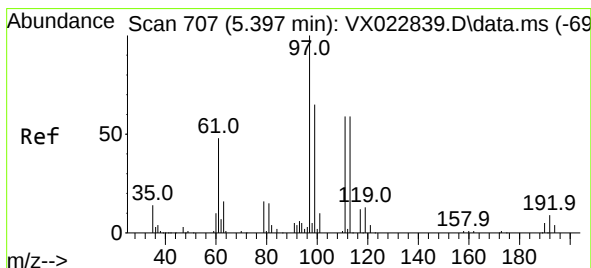
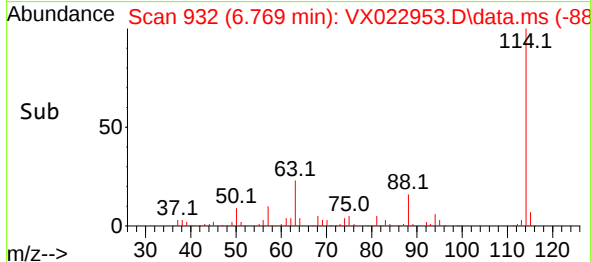
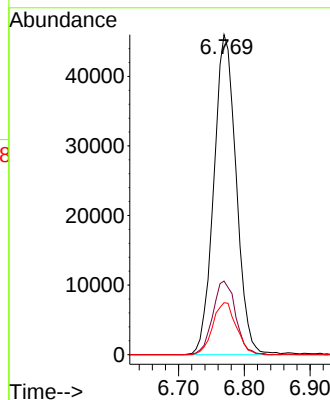
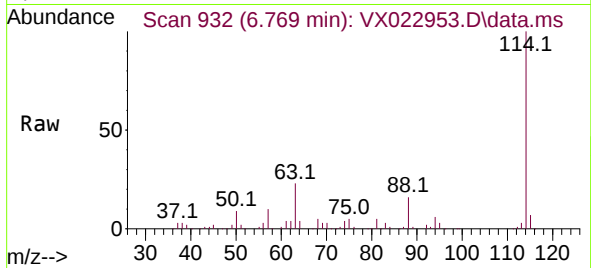




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

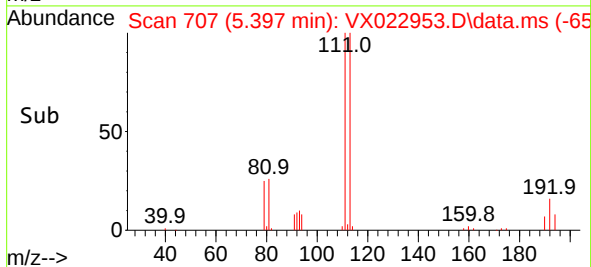
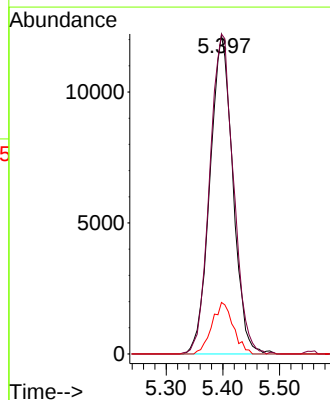
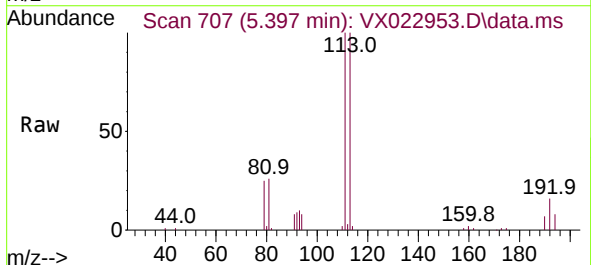
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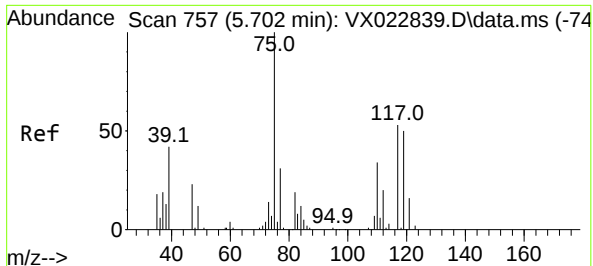
Tgt Ion:114 Resp: 109033
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.32 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion:113 Resp: 34149
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 15.1 16.7 25.1#

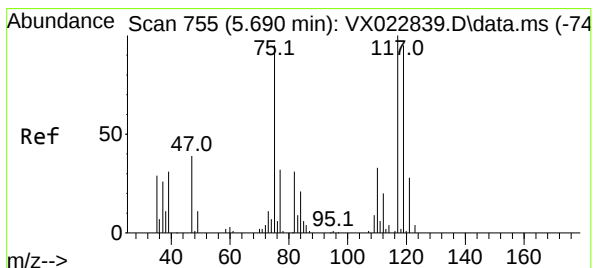
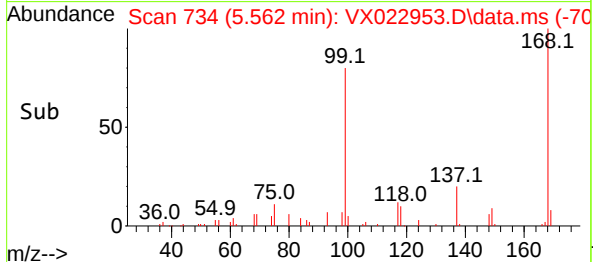
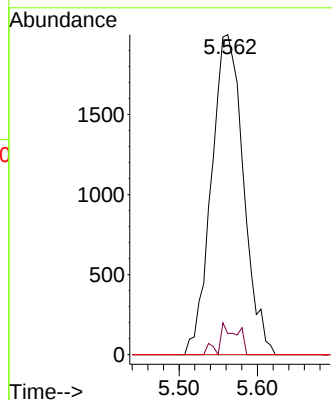
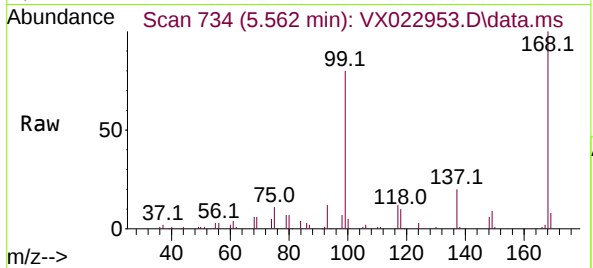




#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

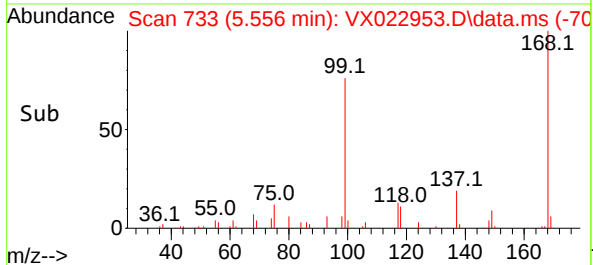
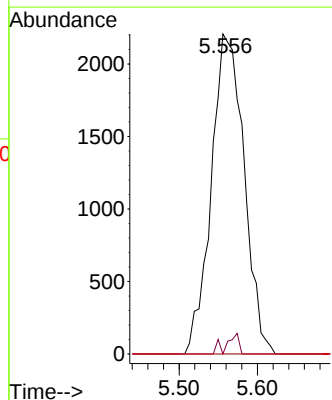
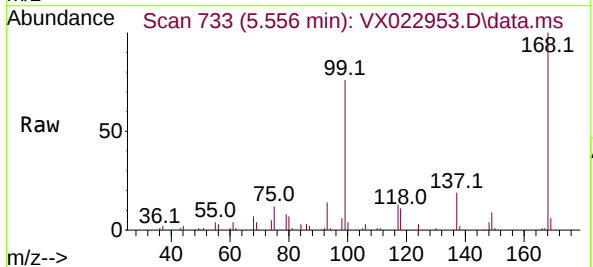
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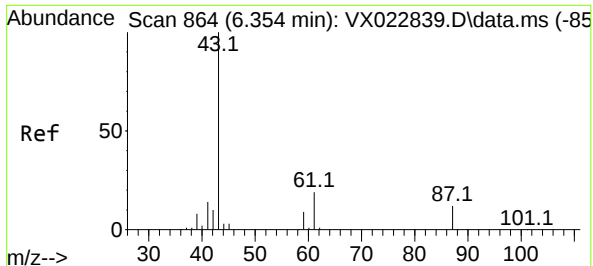
Tgt Ion: 75 Resp: 5686
Ion Ratio Lower Upper
75 100
110 5.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion: 117 Resp: 6412
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#

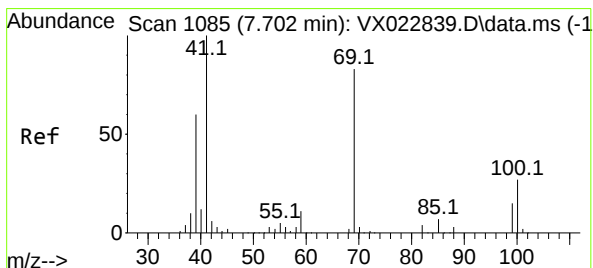
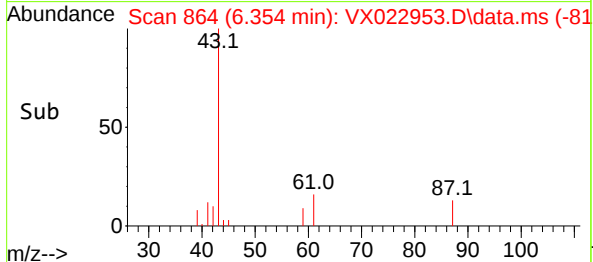
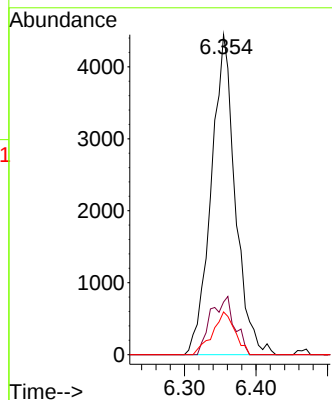
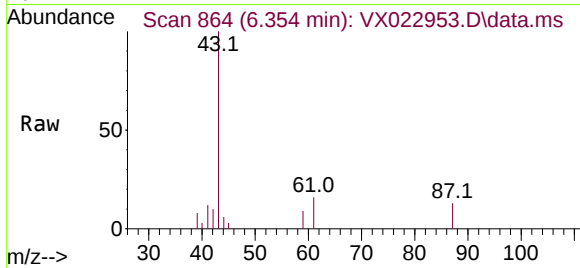




#43
Isopropyl Acetate
Concen: 4.82 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

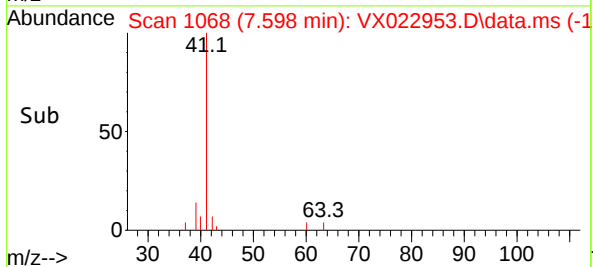
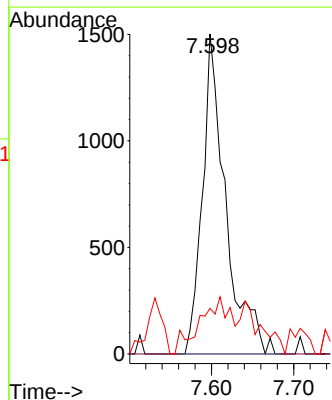
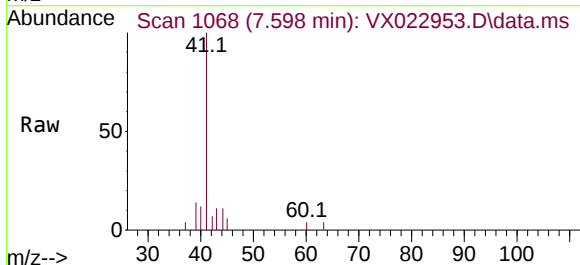
Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

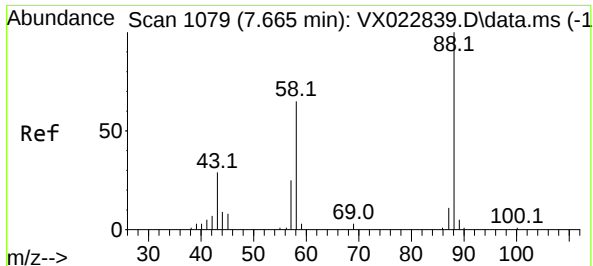
Tgt Ion: 43 Resp: 10393
Ion Ratio Lower Upper
43 100
61 18.0 18.2 27.4#
87 12.5 12.5 18.7#



#48
Methyl methacrylate
Concen: 2.97 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.104 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion: 41 Resp: 2962
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: 1.91 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX022953.D

Acq: 26 Jun 2021 04:12

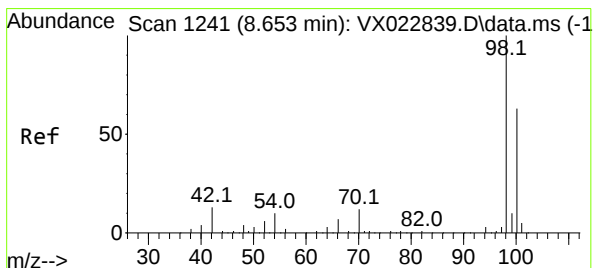
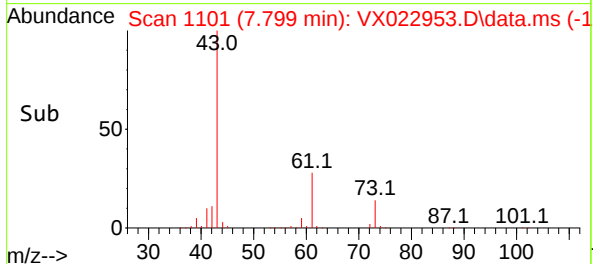
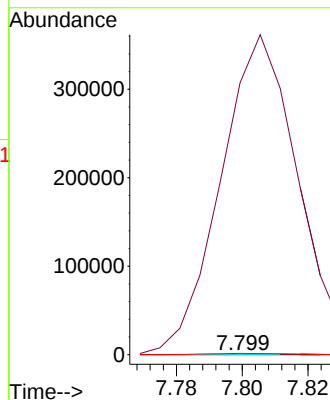
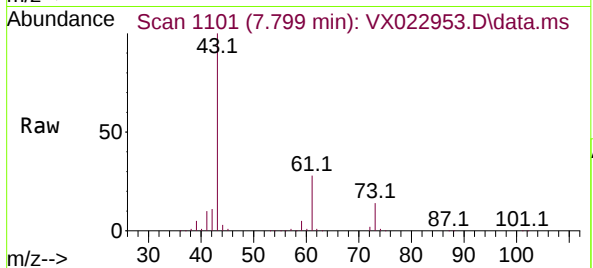
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

43 1467646.3 23.2 34.8#

58 6475.6 55.0 82.4#



#50

Toluene-d8

Concen: 53.16 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022953.D

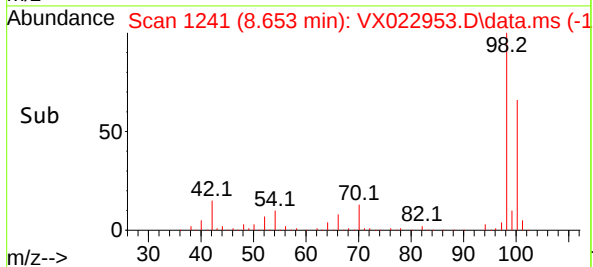
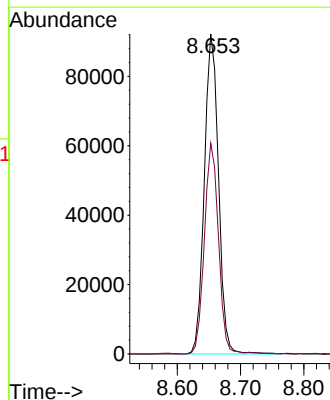
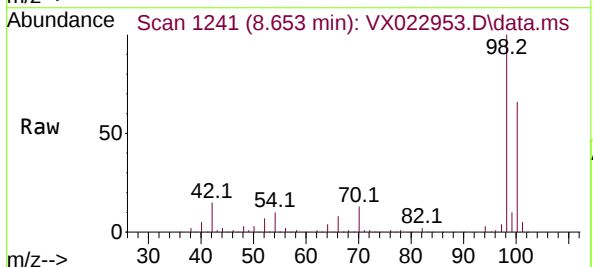
Acq: 26 Jun 2021 04:12

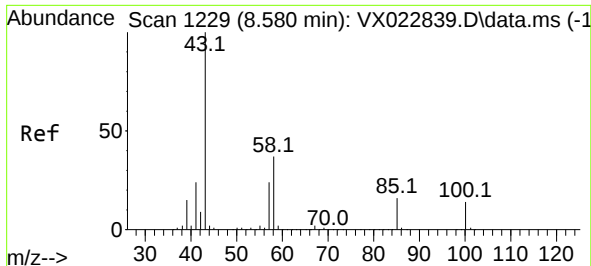
Tgt Ion: 98 Resp: 144263

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

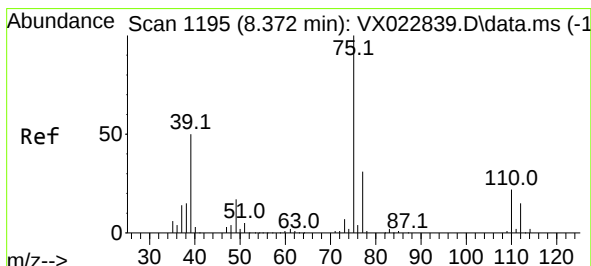
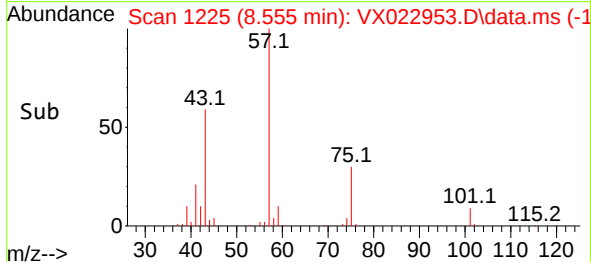
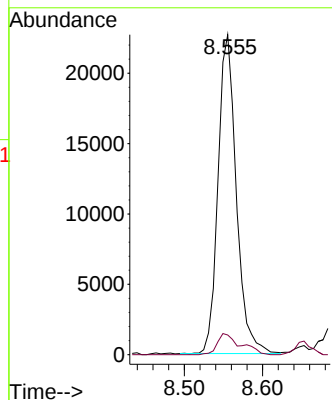
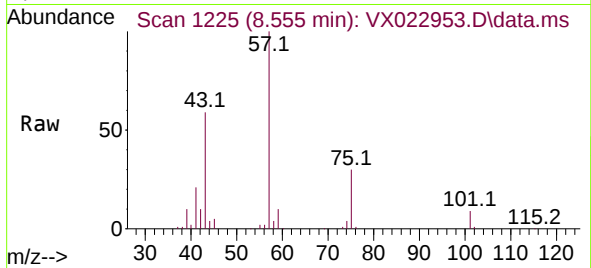




#51
4-Methyl-2-Pentanone
Concen: 27.47 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

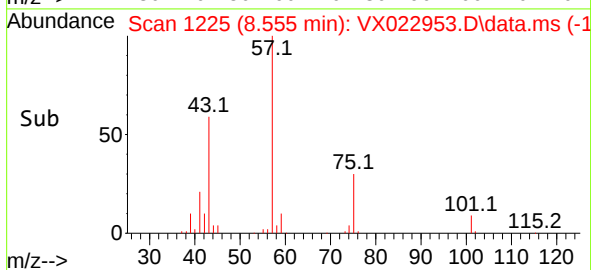
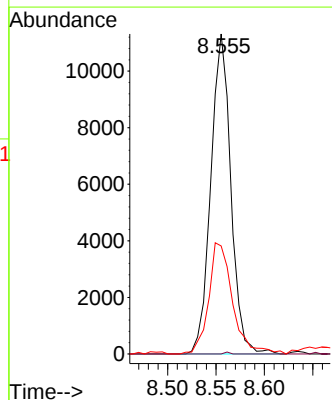
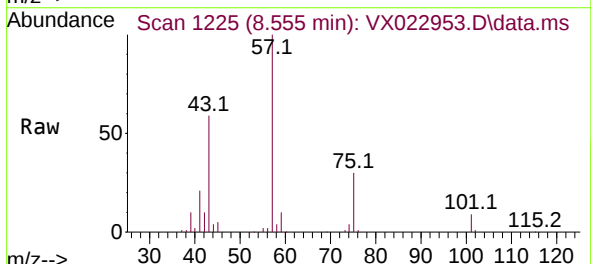
Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

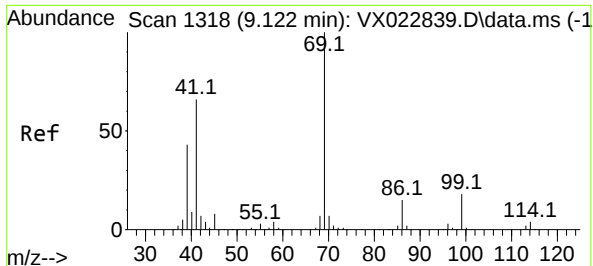
Tgt Ion: 43 Resp: 36874
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.14 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion: 75 Resp: 16310
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 33.8 35.1 52.7#

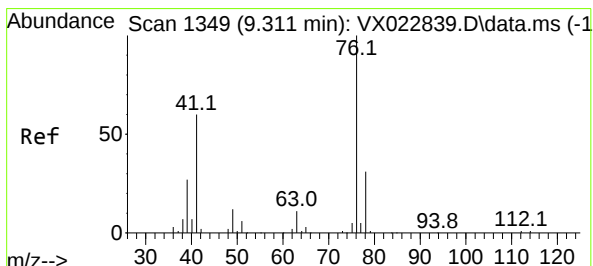
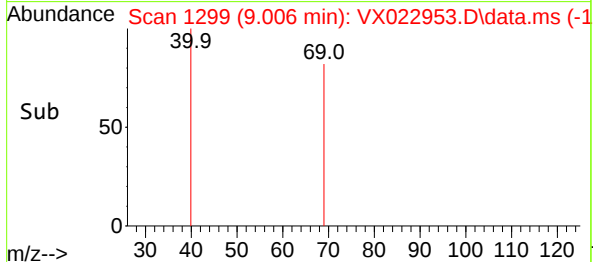
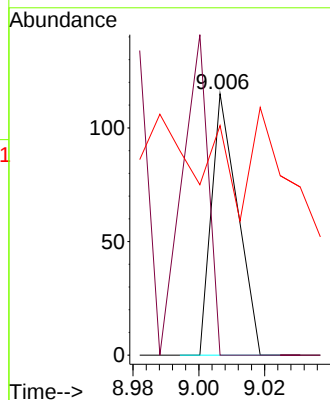
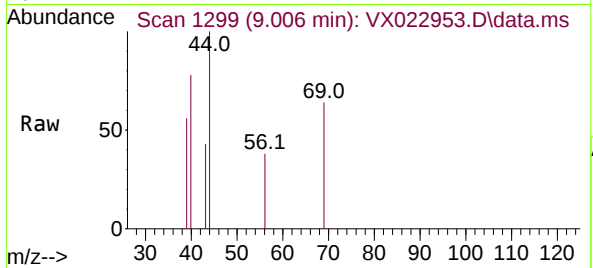




#56
Ethyl methacrylate
Concen: 2.62 ug/l
RT: 9.006 min Scan# 1299
Delta R.T. -0.116 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

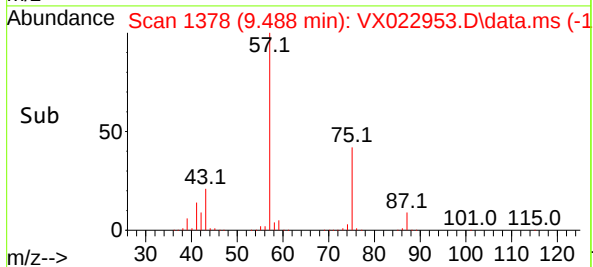
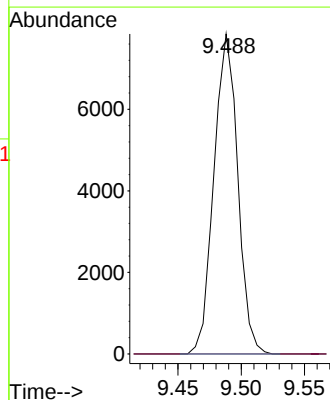
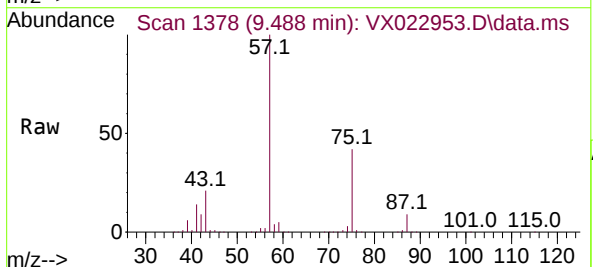
Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

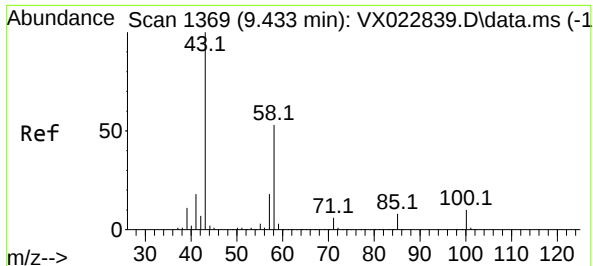
Tgt Ion: 69 Resp: 63
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.98 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion: 76 Resp: 10270
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

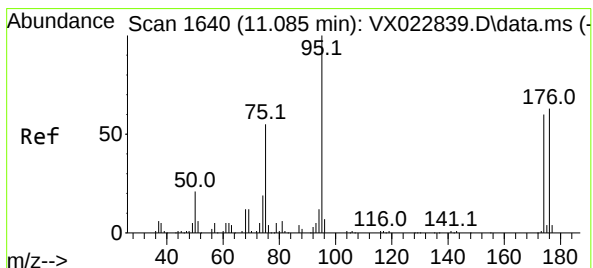
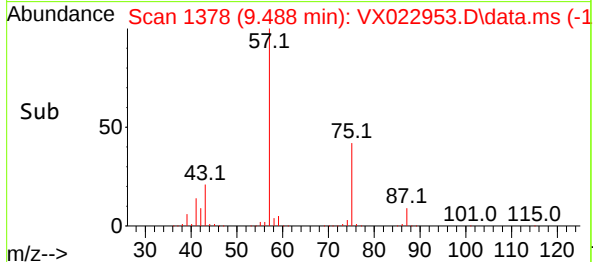
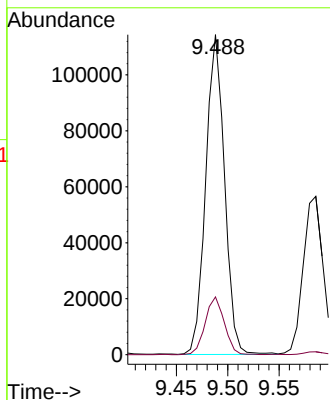
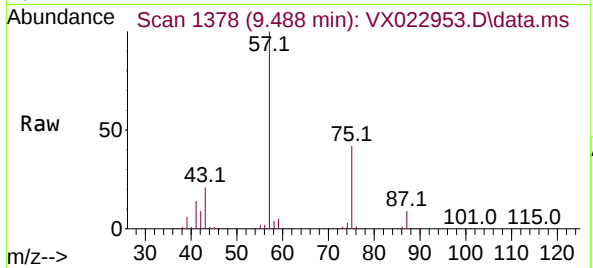




#59
2-Hexanone
Concen: 142.70 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

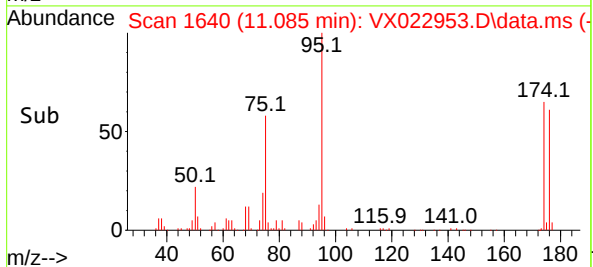
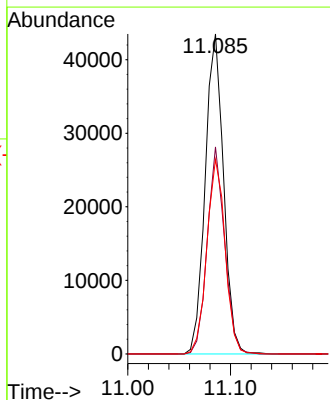
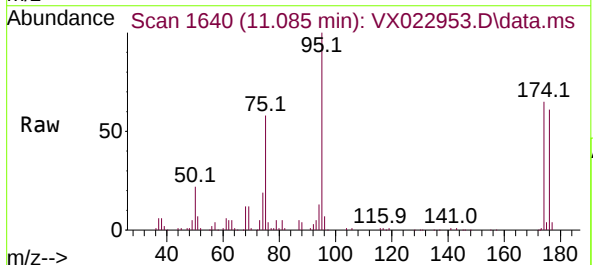
Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

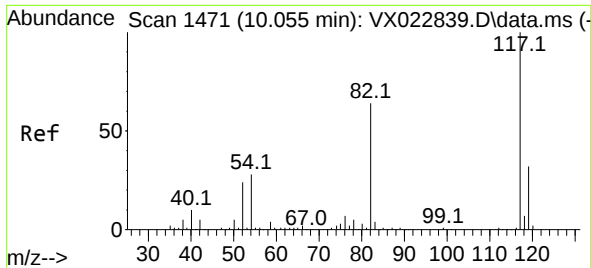
Tgt Ion: 43 Resp: 145319
Ion Ratio Lower Upper
43 100
58 18.4 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 53.37 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion: 95 Resp: 54053
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 60.6 0.0 155.8

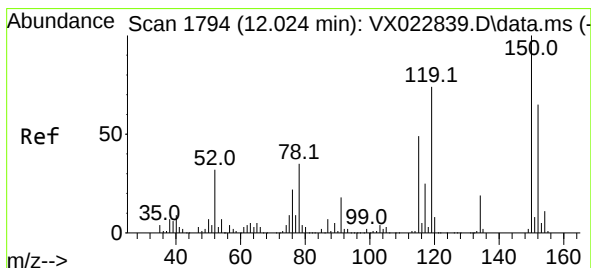
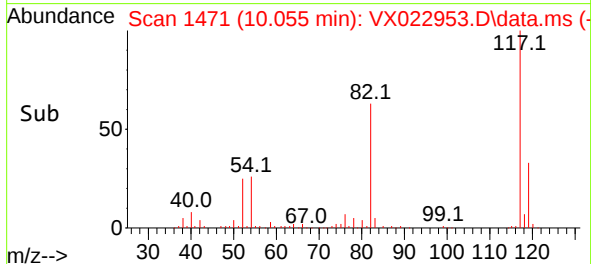
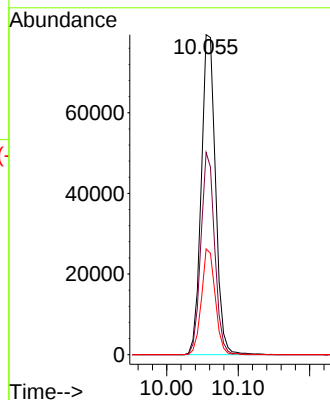
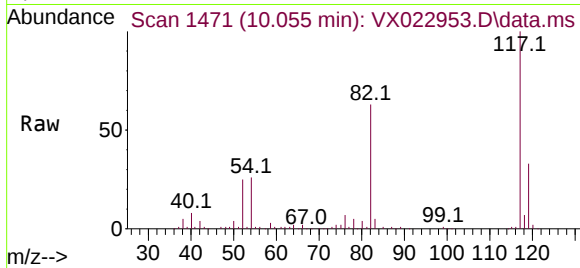




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

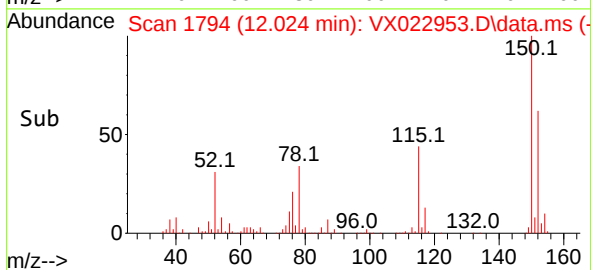
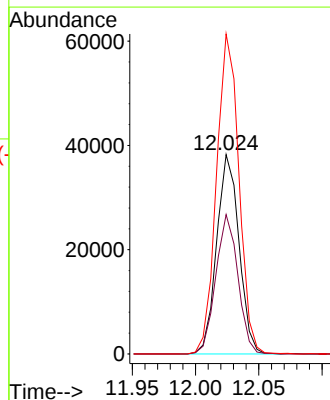
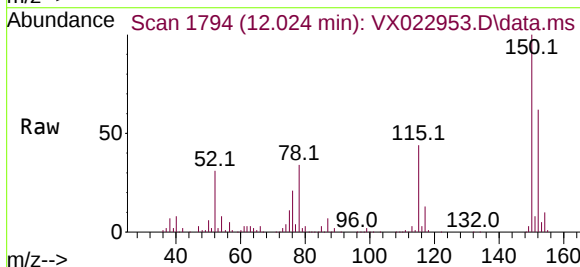
Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

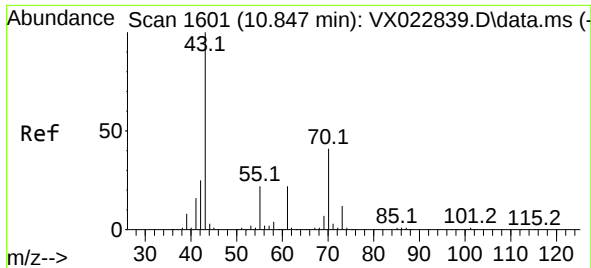
Tgt Ion:117 Resp: 109815
Ion Ratio Lower Upper
117 100
82 63.2 47.4 71.2
119 33.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion:152 Resp: 46829
Ion Ratio Lower Upper
152 100
115 69.2 41.1 123.3
150 161.2 0.0 349.0

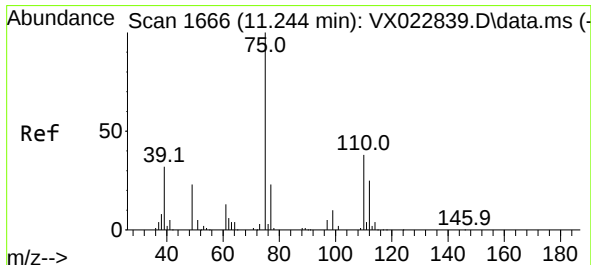
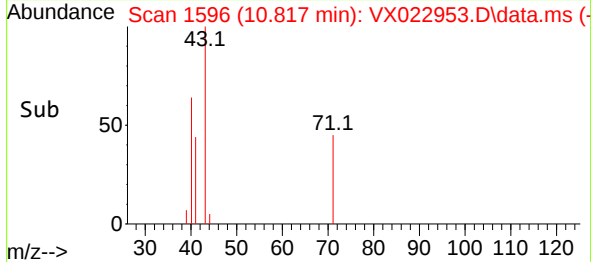
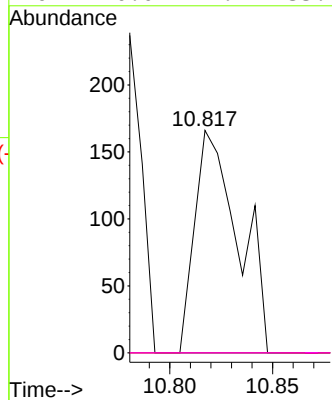
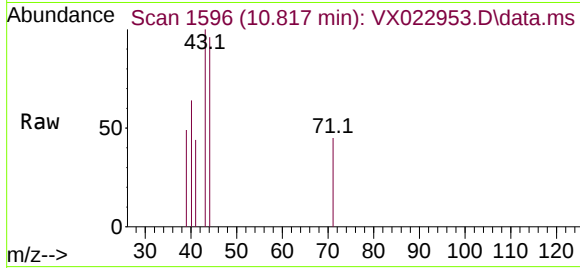




#74
N-amy1 acetate
Concen: 2.16 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.030 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

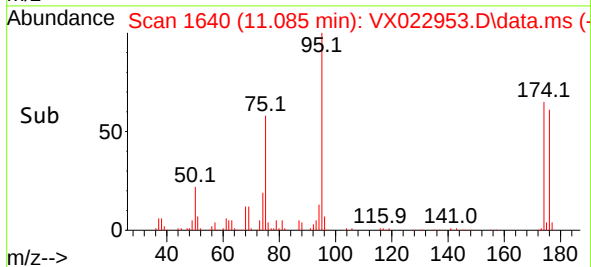
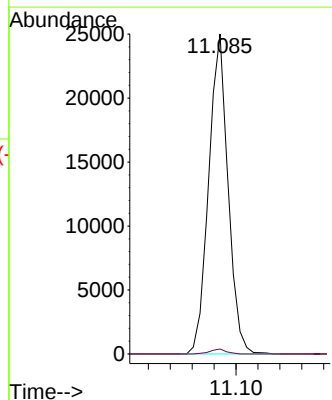
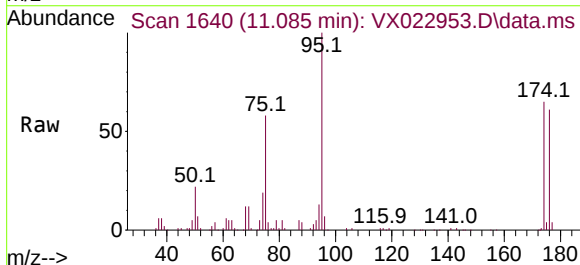
Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

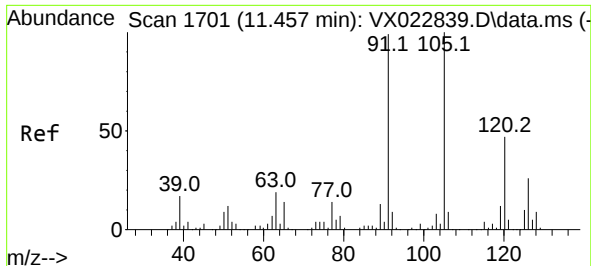
Tgt Ion:	43	Resp:	245
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 24.74 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion:	75	Resp:	30597
Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

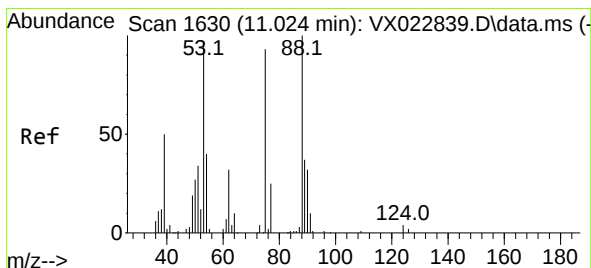
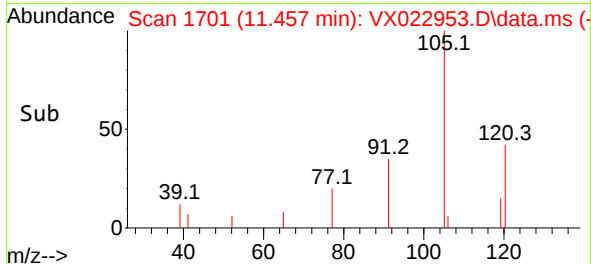
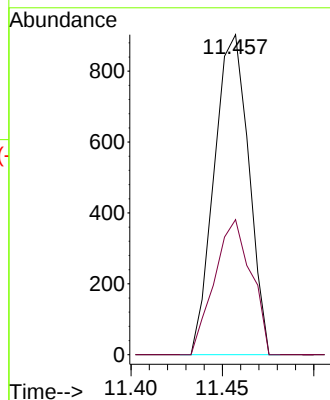
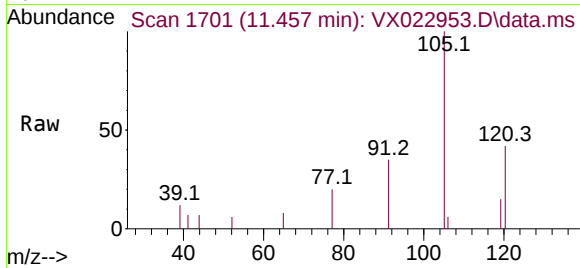




#80
1,3,5-Trimethylbenzene
Concen: 0.36 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

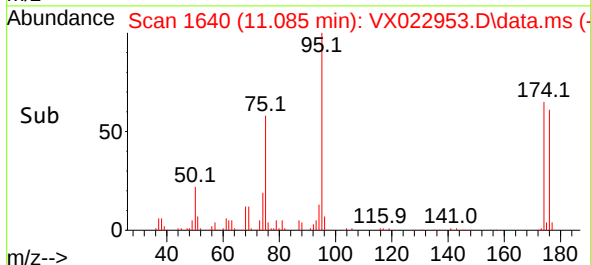
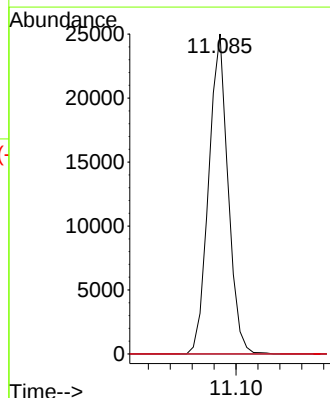
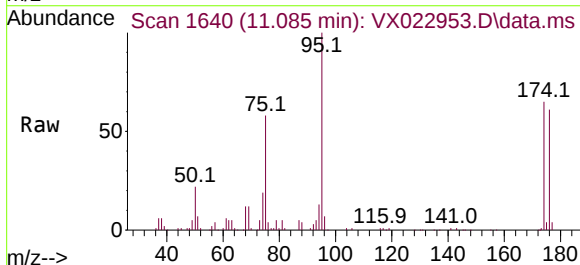
Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

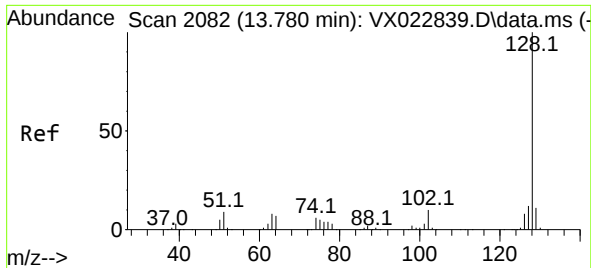
Tgt Ion:105 Resp: 1187
Ion Ratio Lower Upper
105 100
120 45.0 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 64.62 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Tgt Ion: 75 Resp: 30597
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.97 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022953.D
Acq: 26 Jun 2021 04:12

Instrument :
MSVOA_X
ClientSampleId :
PB137293ZHE#09

Tgt Ion:128 Resp: 183
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

