

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023379.D
 Acq On : 22 Jul 2021 17:25
 Operator : JC/MD
 Sample : PB137853TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137853TB

Quant Time: Jul 23 06:08:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

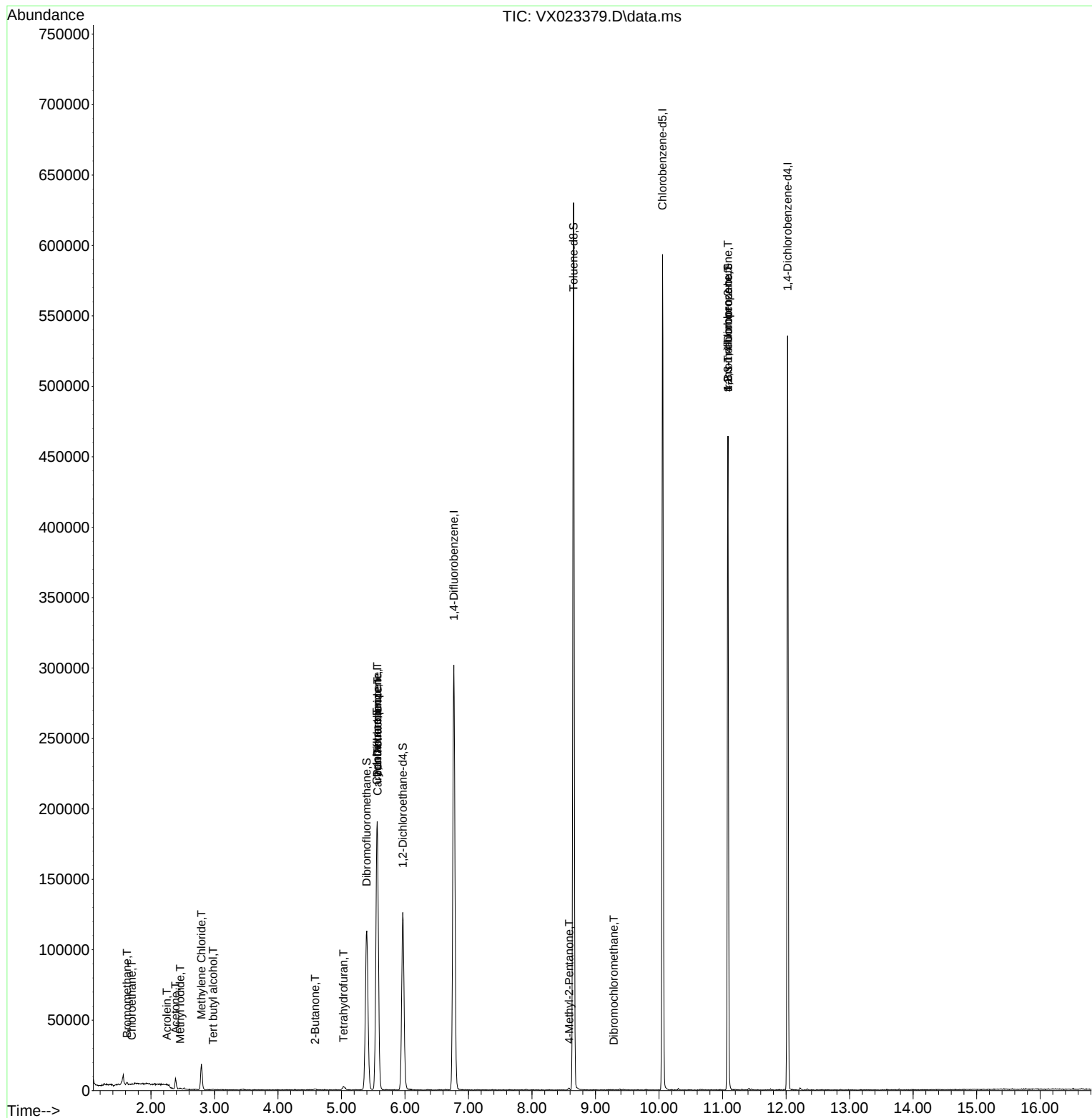
Internal Standards						
1) Pentafluorobenzene	5.562	168	184059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	310731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	117948	51.372	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.740%			
35) Dibromofluoromethane	5.397	113	98605	50.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.500%			
50) Toluene-d8	8.653	98	366270	51.313	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.620%			
62) 4-Bromofluorobenzene	11.085	95	117073	48.234	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.460%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	909	0.767	ug/l #	78
6) Chloroethane	1.697	64	437	0.357	ug/l #	43
10) Methyl Iodide	2.459	142	847	0.371	ug/l #	81
11) Tert butyl alcohol	2.977	59	241	0.459	ug/l #	73
13) Acrolein	2.252	56	71	1.629	ug/l #	14
16) Acetone	2.386	43	7669	6.809	ug/l #	87
20) Methylene Chloride	2.794	84	7802	3.561	ug/l #	78
25) 2-Butanone	4.587	43	1468	0.840	ug/l #	71
29) Tetrahydrofuran	5.032	42	2284	1.993	ug/l #	82
31) Cyclohexane	5.556	56	4254	1.251	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	14196	5.050	ug/l #	49
38) Carbon Tetrachloride	5.568	117	17884	6.256	ug/l #	18
51) 4-Methyl-2-Pentanone	8.586	43	1010	0.301	ug/l #	86
60) Dibromochloromethane	9.287	129	20	1.991	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	59073	25.043	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59073	67.338	ug/l #	12

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

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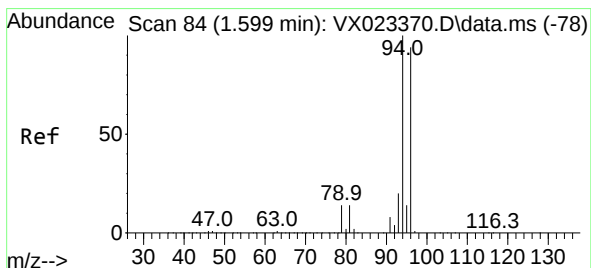
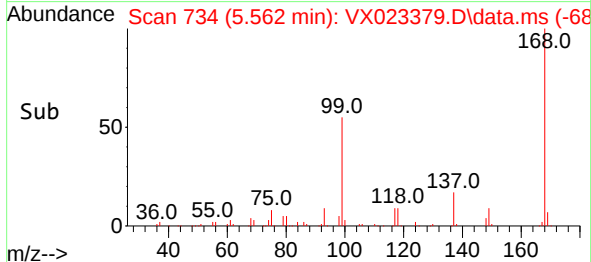
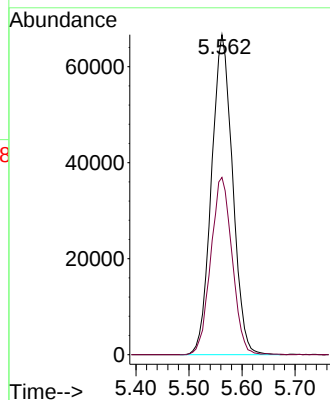
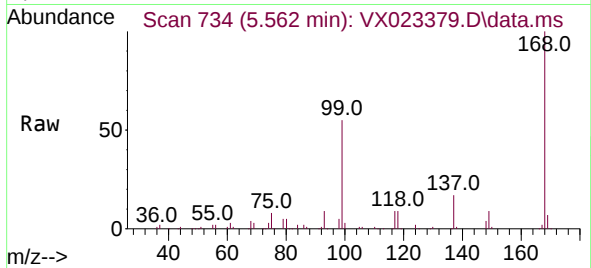




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

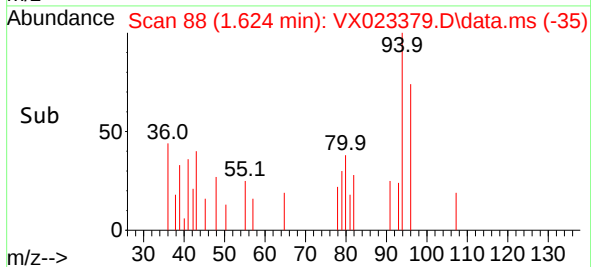
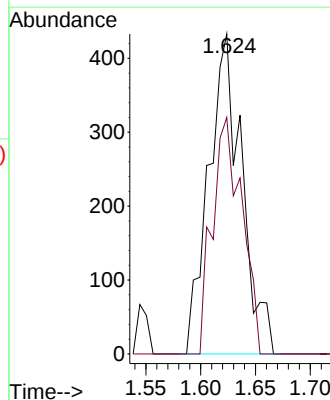
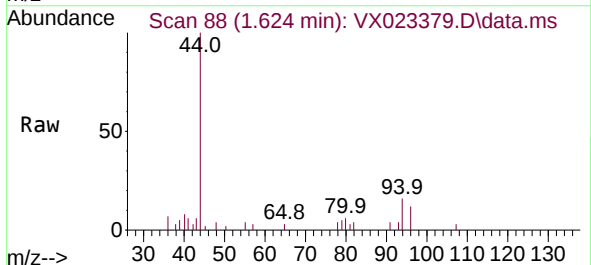
Instrument :
MSVOA_X
ClientSampleId :
PB137853TB

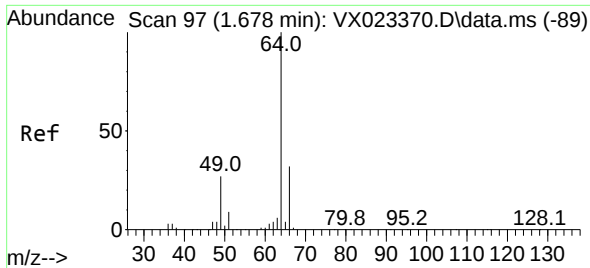
Tgt Ion:168 Resp: 184059
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#5
Bromomethane
Concen: 0.767 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Tgt Ion: 94 Resp: 909
Ion Ratio Lower Upper
94 100
96 73.9 76.4 114.6#

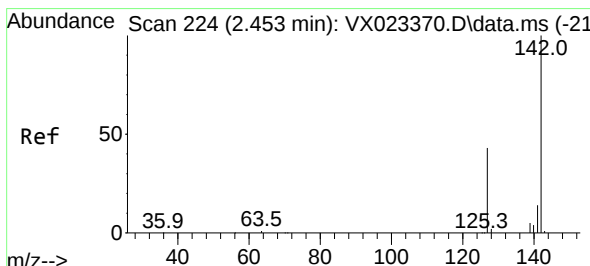
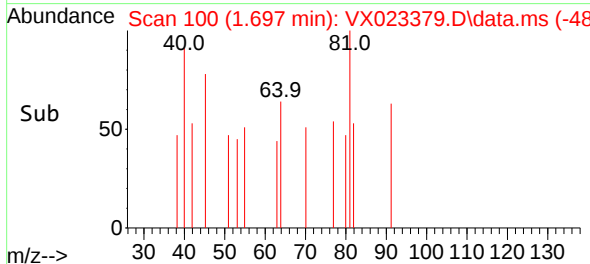
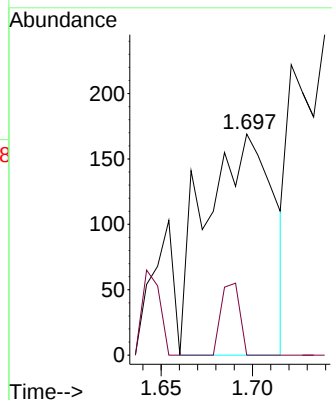
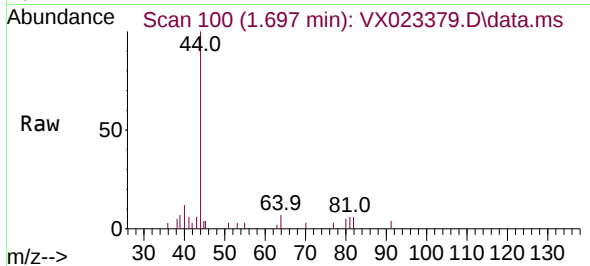




#6
Chloroethane
Concen: 0.357 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

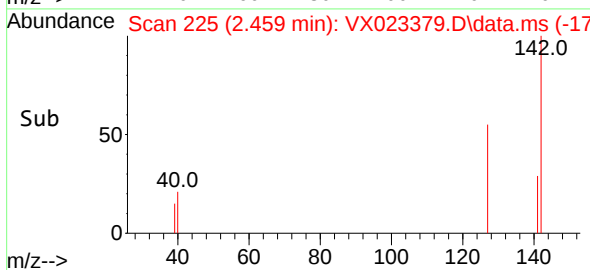
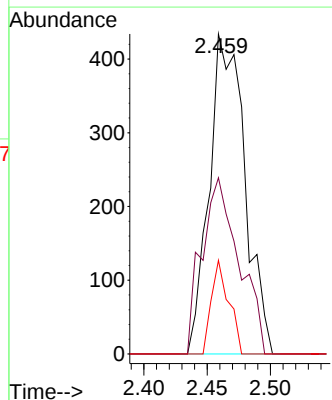
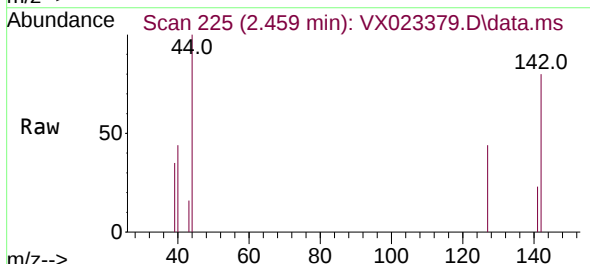
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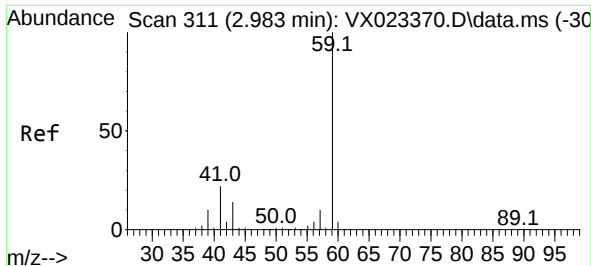
Tgt Ion: 64 Resp: 437
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.371 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Tgt Ion: 142 Resp: 847
Ion Ratio Lower Upper
142 100
127 57.6 33.3 49.9#
141 14.4 11.4 17.0



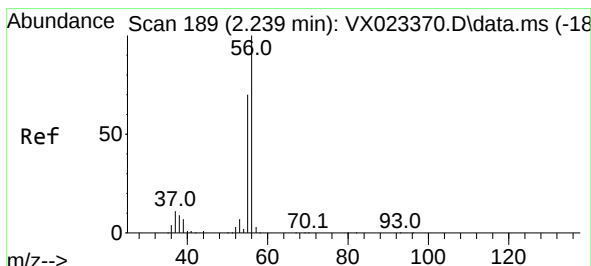
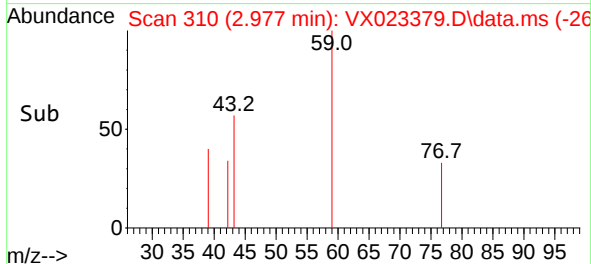
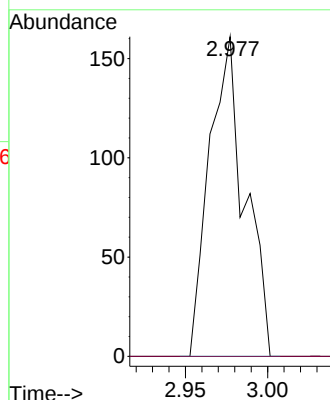
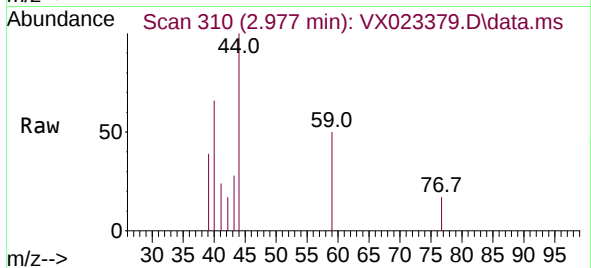


#11

Tert butyl alcohol
Concen: 0.459 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Instrument :
MSVOA_X
ClientSampleId :
PB137853TB

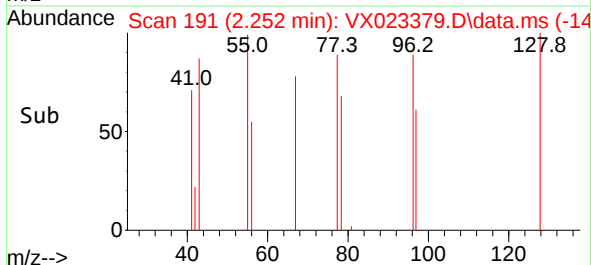
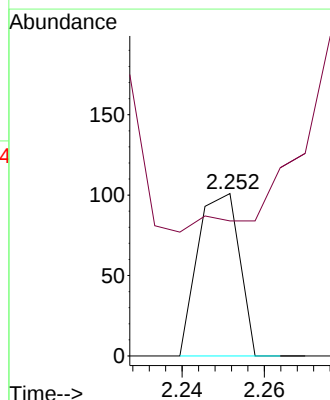
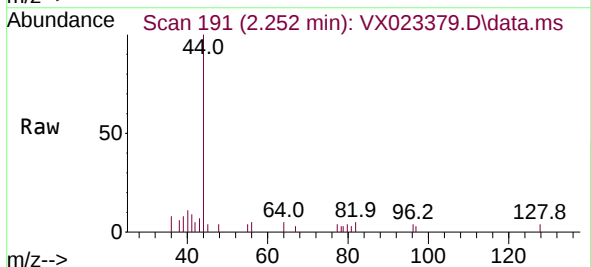
Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

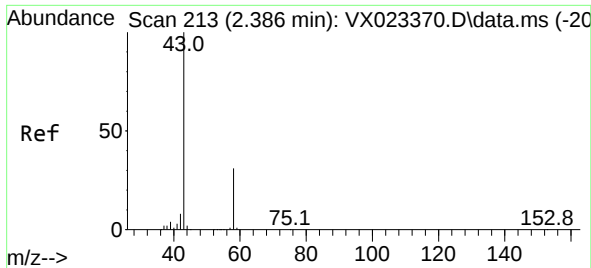


#13

Acrolein
Concen: 1.629 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

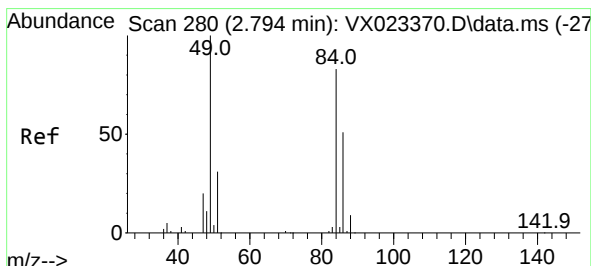
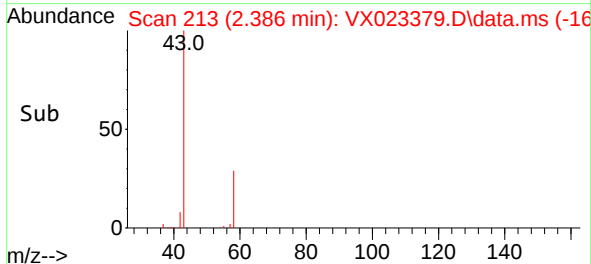
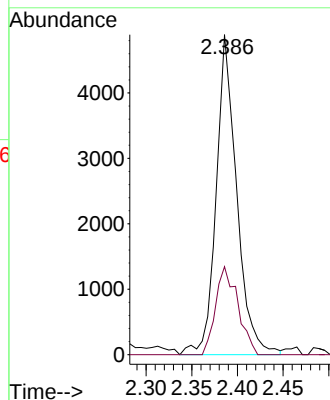
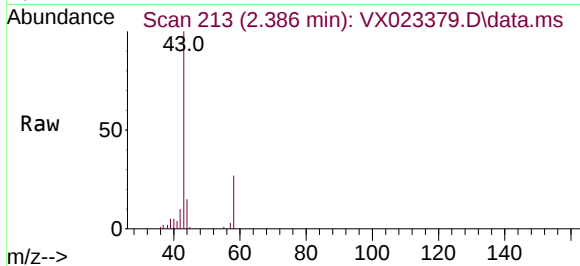




#16
Acetone
Concen: 6.809 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

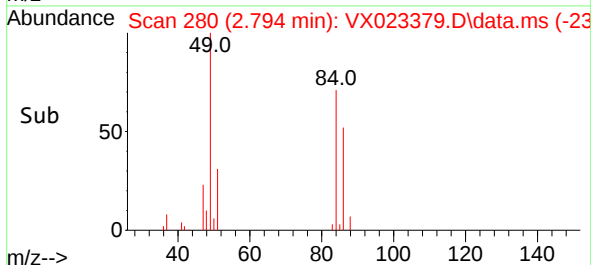
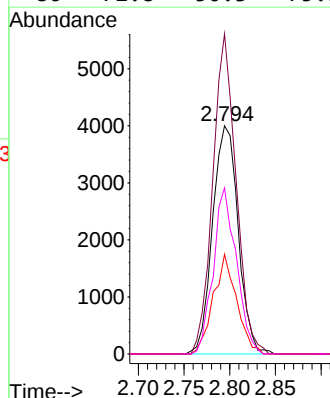
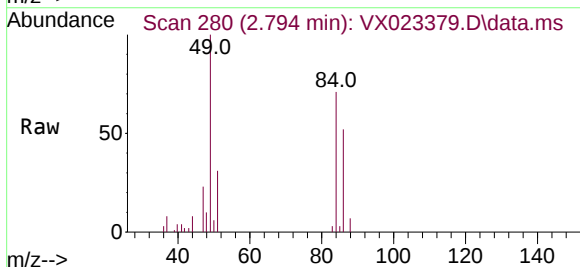
Instrument :
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ClientSampleId :
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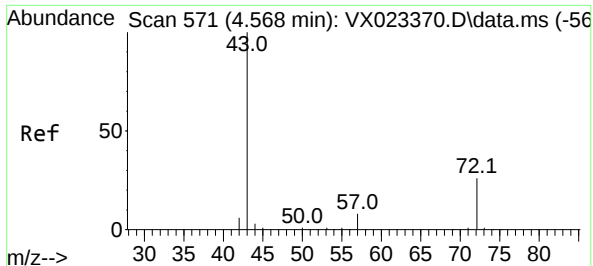
Tgt Ion: 43 Resp: 7669
Ion Ratio Lower Upper
43 100
58 27.5 27.8 41.8#



#20
Methylene Chloride
Concen: 3.561 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Tgt Ion: 84 Resp: 7802
Ion Ratio Lower Upper
84 100
49 140.2 88.6 132.8#
51 43.7 27.0 40.6#
86 72.8 50.3 75.5

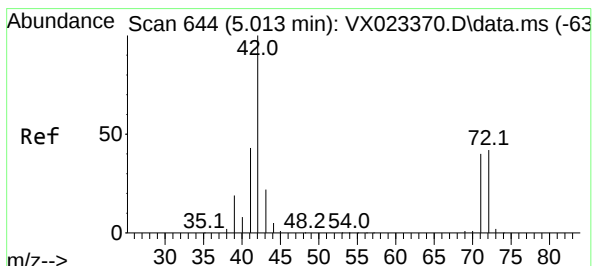
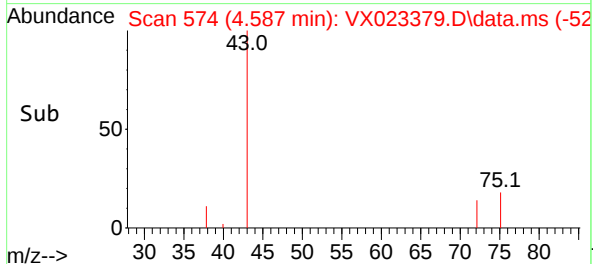
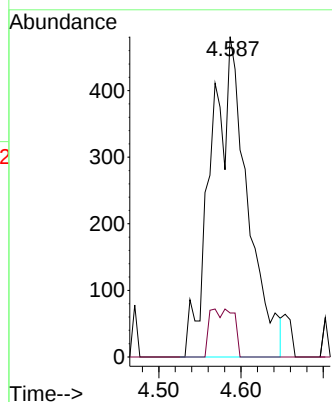
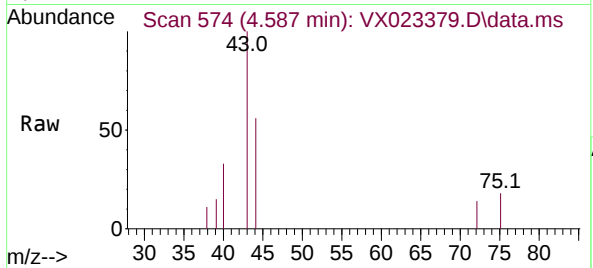




#25
2-Butanone
Concen: 0.840 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

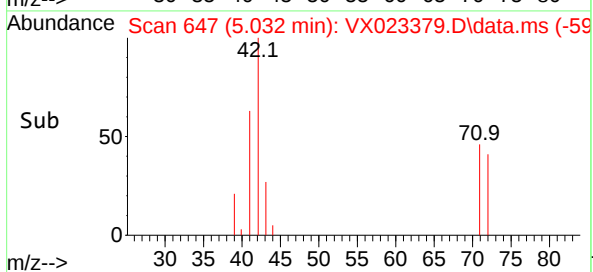
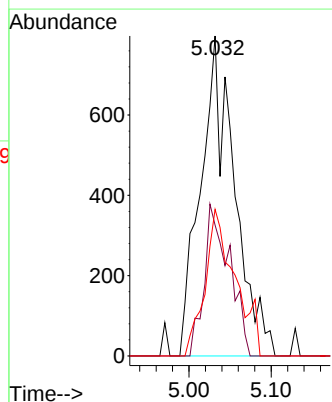
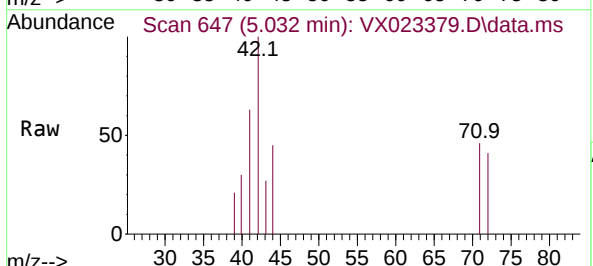
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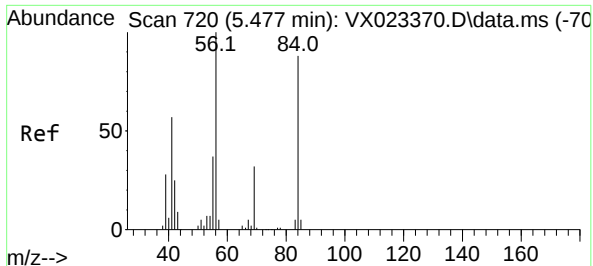
Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
72 13.7 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.993 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Tgt Ion: 42 Resp: 2284
Ion Ratio Lower Upper
42 100
72 35.3 41.7 62.5#
71 40.6 38.4 57.6

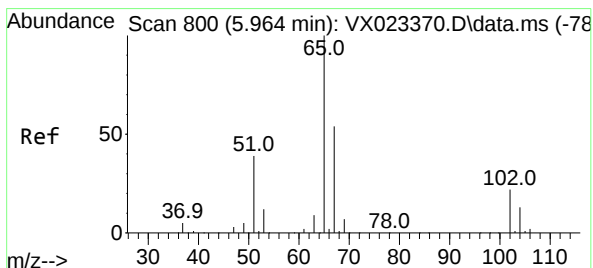
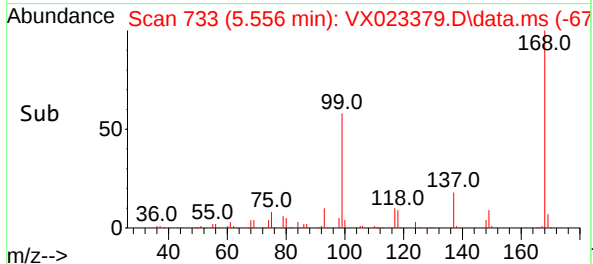
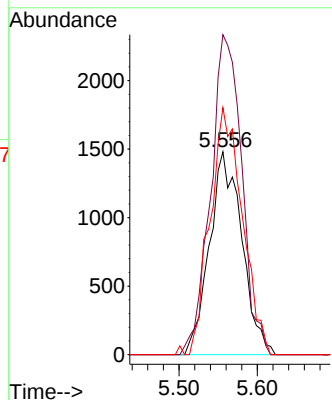
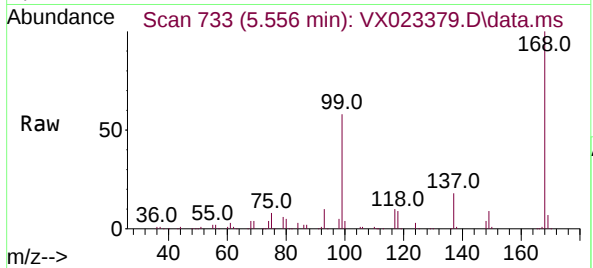




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

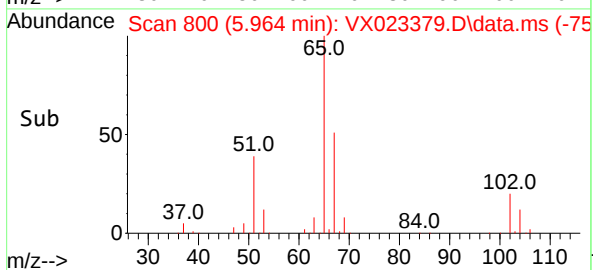
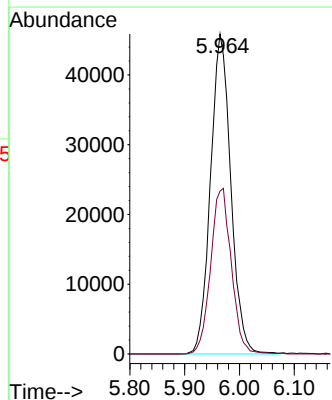
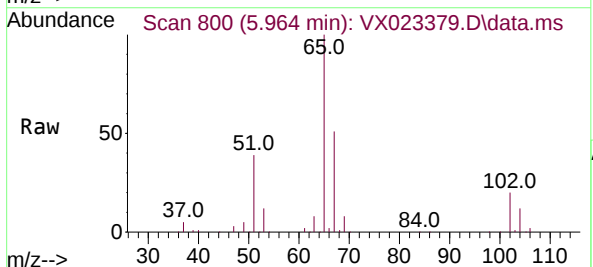
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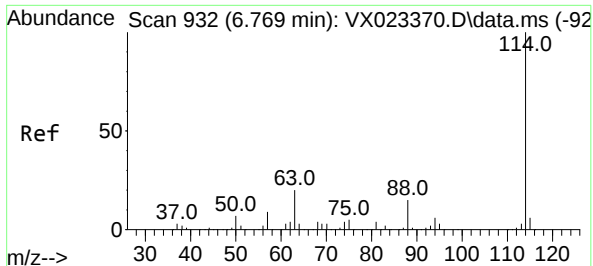
Tgt Ion: 56 Resp: 4254
Ion Ratio Lower Upper
56 100
69 157.7 25.3 37.9#
84 121.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.372 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Tgt Ion: 65 Resp: 117948
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

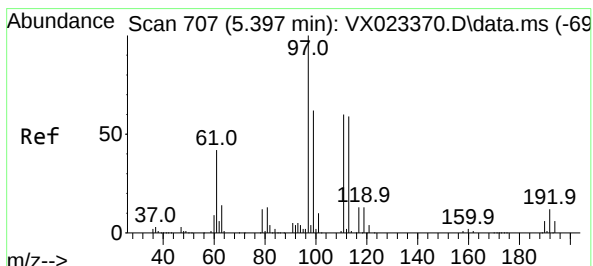
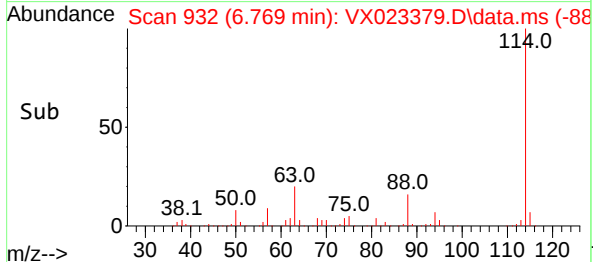
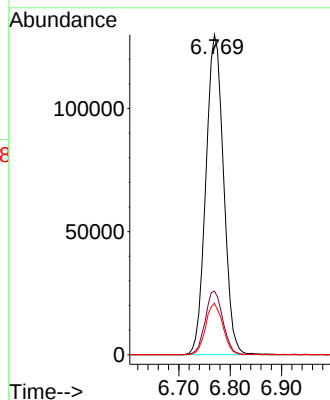
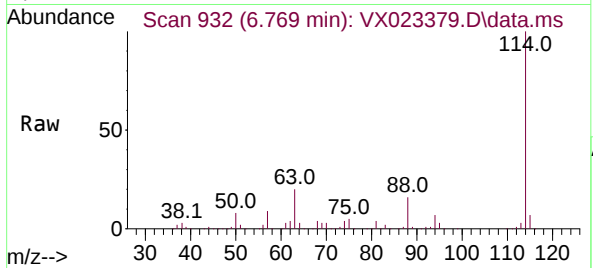




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

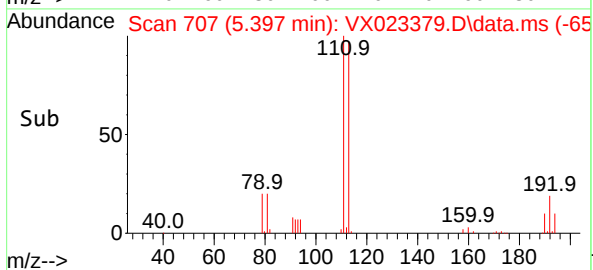
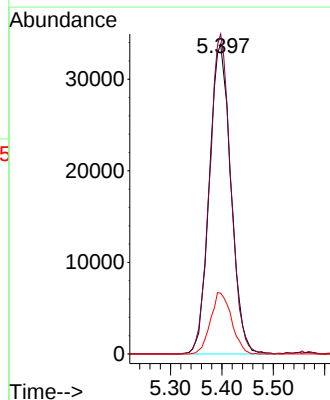
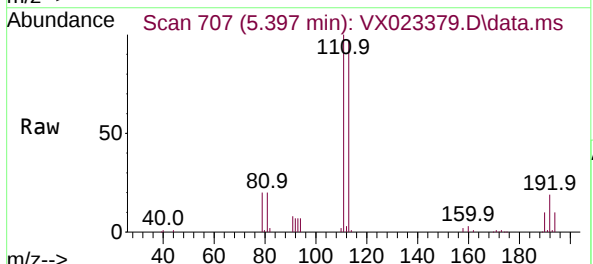
Instrument :
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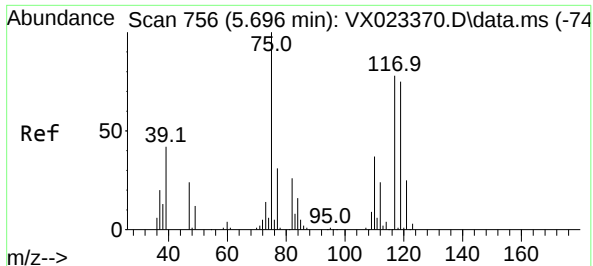
Tgt Ion:114 Resp: 310731
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.753 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Tgt Ion:113 Resp: 98605
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.3 16.7 25.1

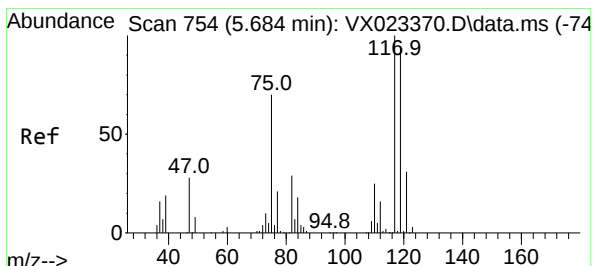
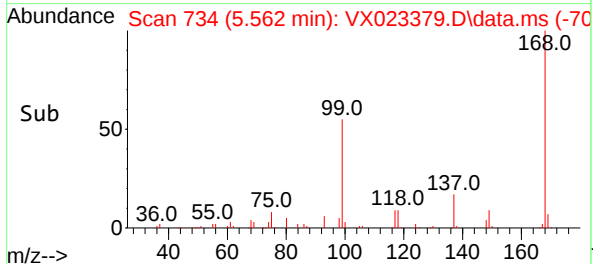
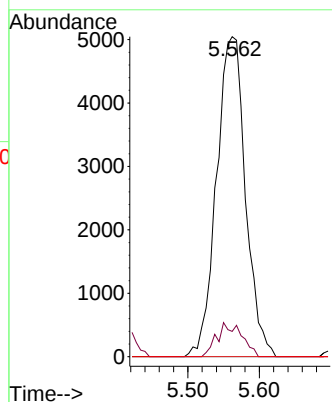
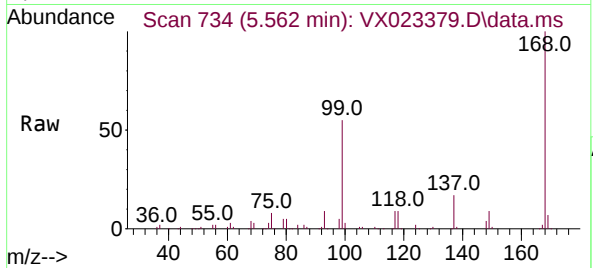




#36
1,1-Dichloropropene
Concen: 5.050 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

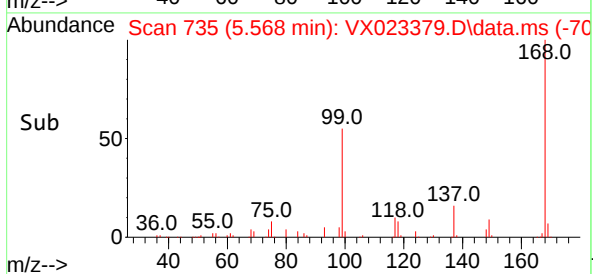
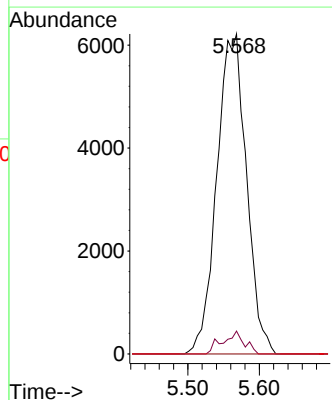
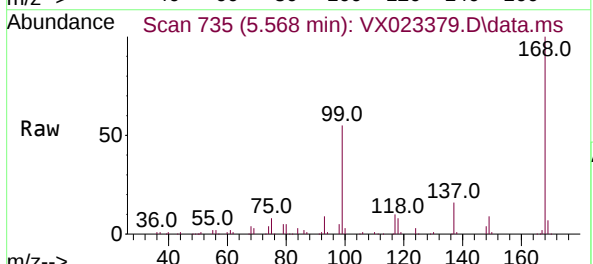
Instrument :
MSVOA_X
ClientSampleId :
PB137853TB

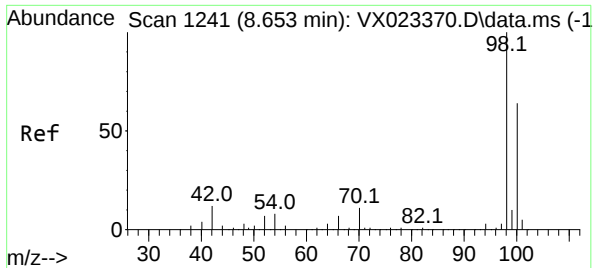
Tgt Ion: 75 Resp: 14196
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Tgt Ion: 117 Resp: 17884
Ion Ratio Lower Upper
117 100
119 7.2 76.2 114.2#
121 0.0 24.8 37.2#

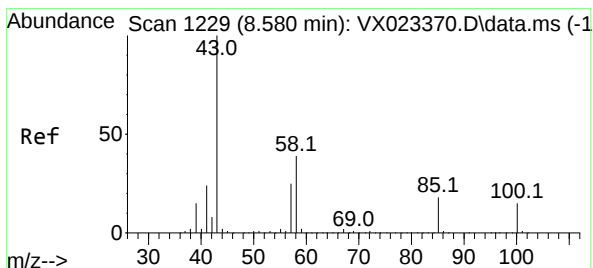
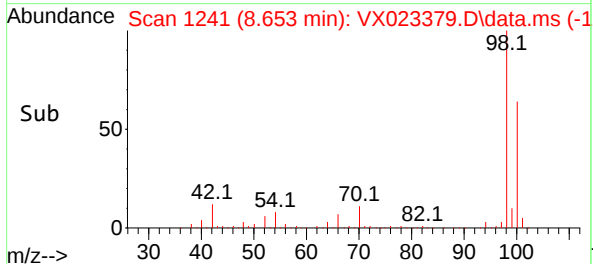
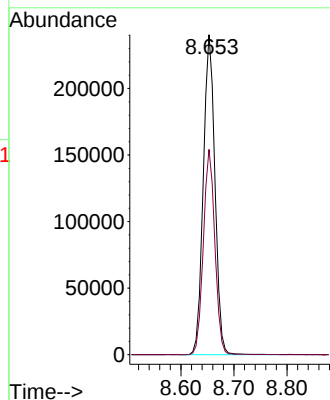
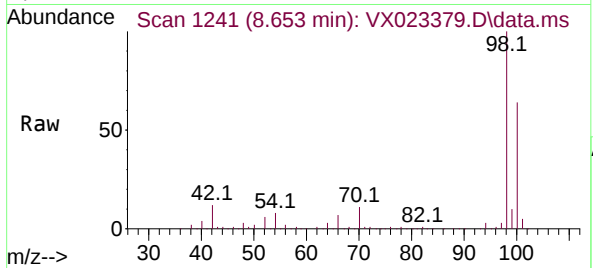




#50
Toluene-d8
Concen: 51.313 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

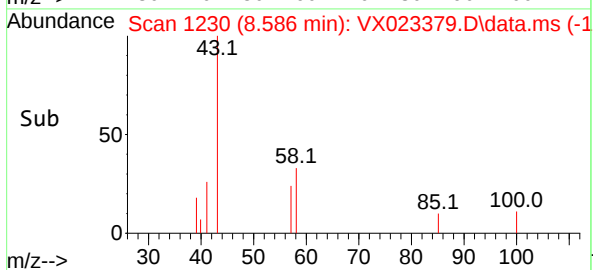
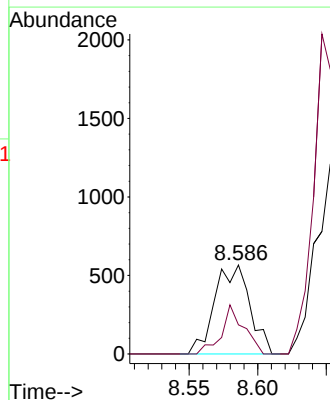
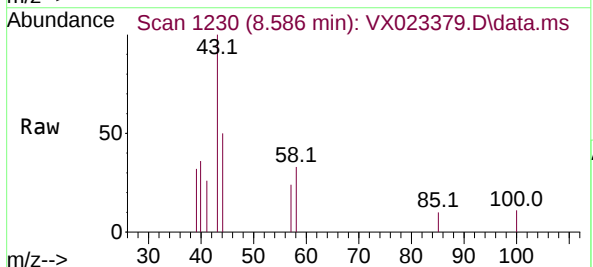
Instrument :
MSVOA_X
ClientSampleId :
PB137853TB

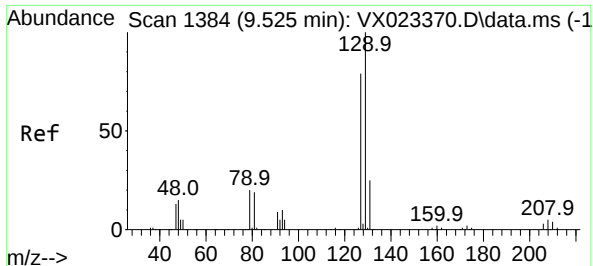
Tgt Ion: 98 Resp: 366270
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.301 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
58 34.9 35.4 53.0#





#60

Dibromochloromethane

Concen: 1.991 ug/l

RT: 9.287 min Scan# 1345

Delta R.T. -0.238 min

Lab File: VX023379.D

Acq: 22 Jul 2021 17:25

Instrument :

MSVOA_X

ClientSampleId :

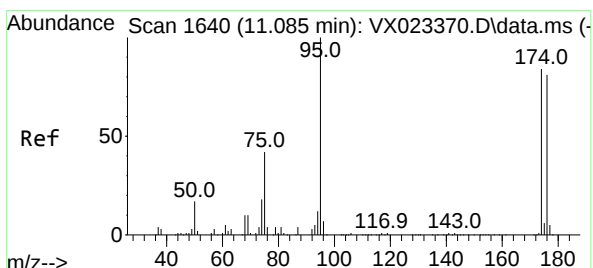
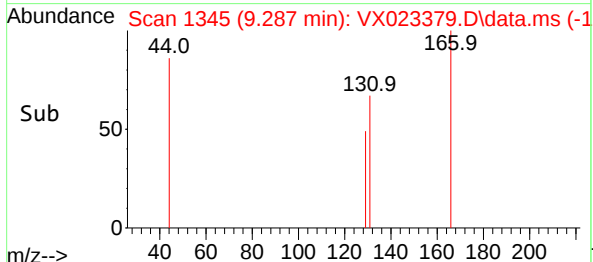
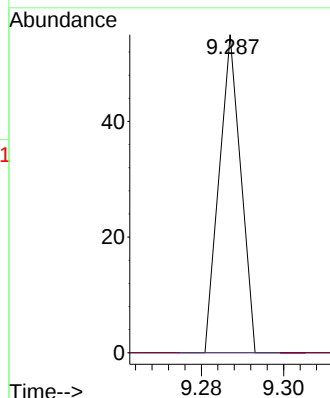
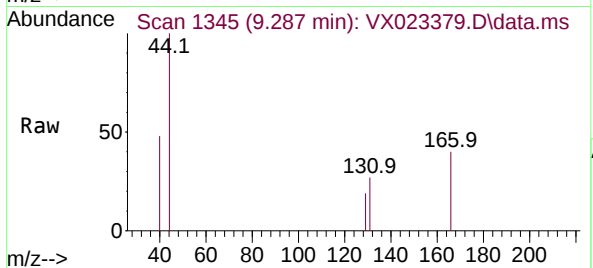
PB137853TB

Tgt Ion:129 Resp: 20

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 48.234 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023379.D

Acq: 22 Jul 2021 17:25

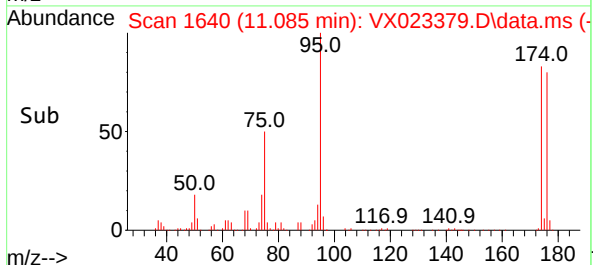
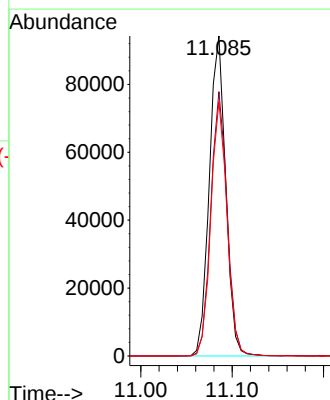
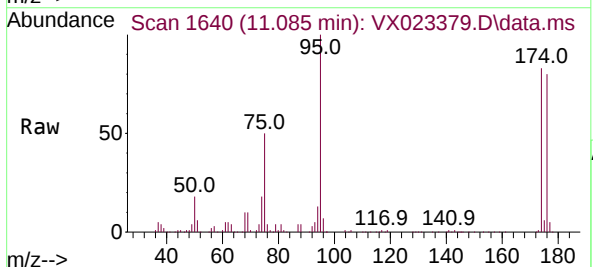
Tgt Ion: 95 Resp: 117073

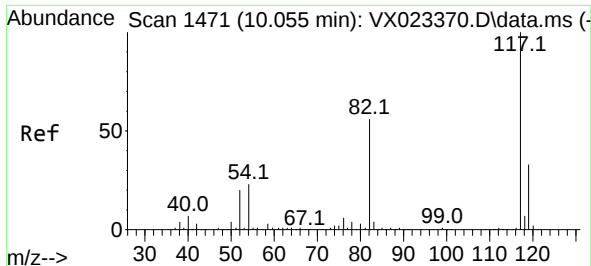
Ion Ratio Lower Upper

95 100

174 82.7 0.0 154.6

176 78.6 0.0 155.8

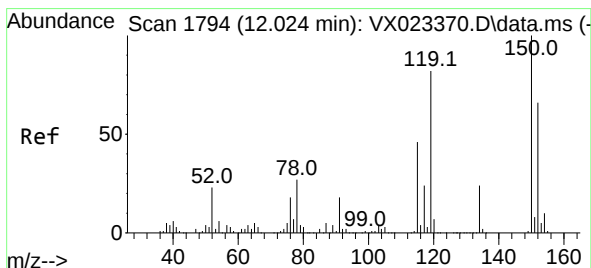
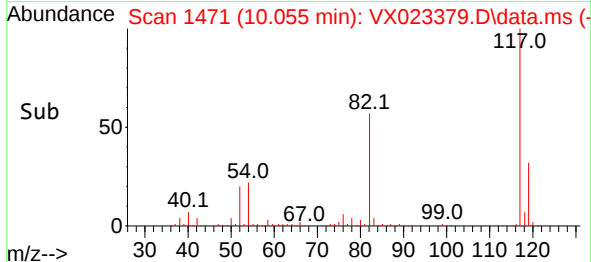
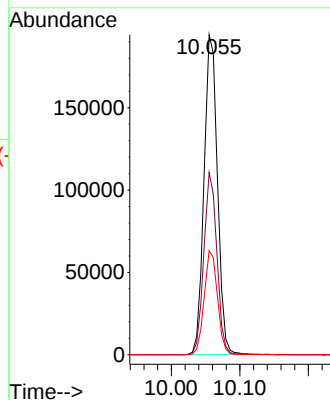
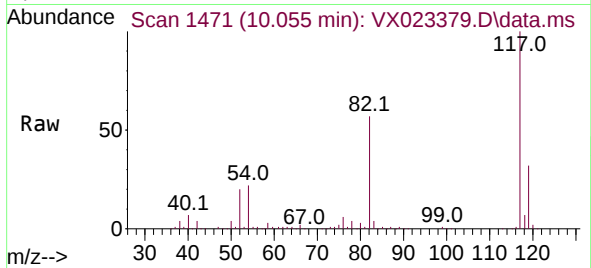




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

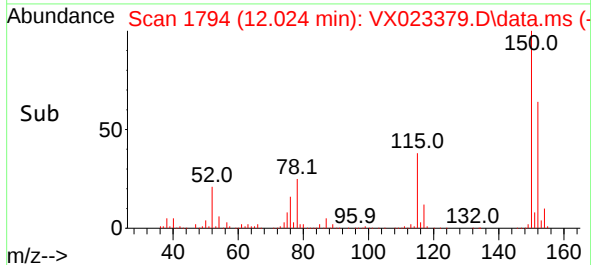
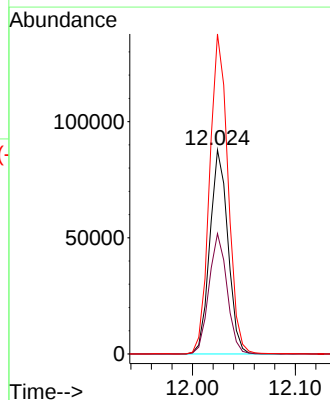
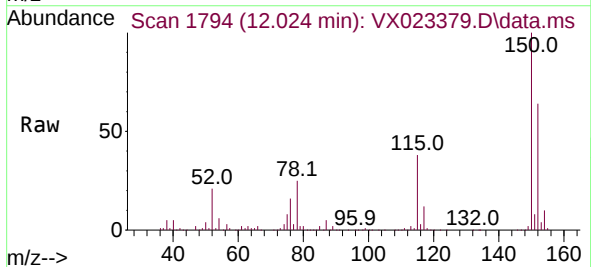
Instrument :
MSVOA_X
ClientSampleId :
PB137853TB

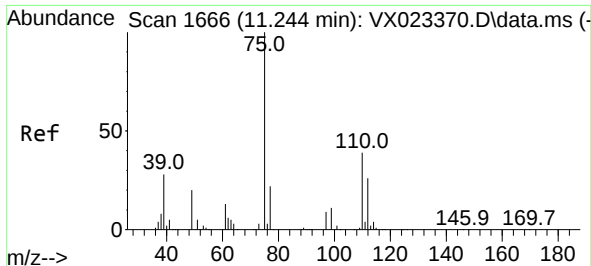
Tgt Ion:117 Resp: 266152
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Tgt Ion:152 Resp: 107192
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 159.3 0.0 349.0

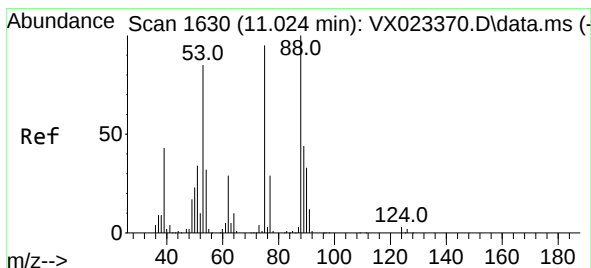
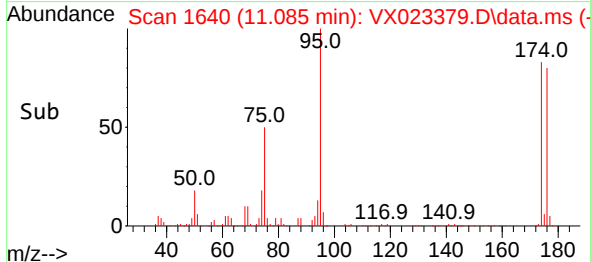
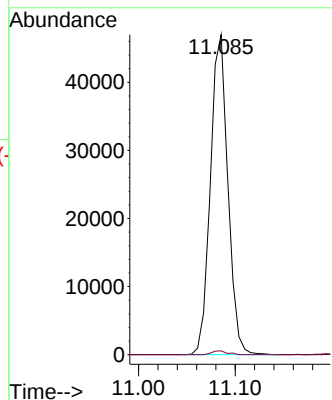
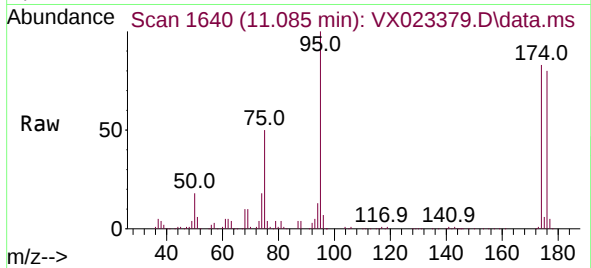




#76
1,2,3-Trichloropropane
Concen: 25.043 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Instrument :
MSVOA_X
ClientSampleId :
PB137853TB

Tgt Ion: 75 Resp: 59073
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.338 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023379.D
Acq: 22 Jul 2021 17:25

Tgt Ion: 75 Resp: 59073
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

