

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034078.D
 Acq On : 08 Feb 2023 12:23
 Operator : JC/MD
 Sample : PB150737TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB150737TB

Quant Time: Feb 08 13:20:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

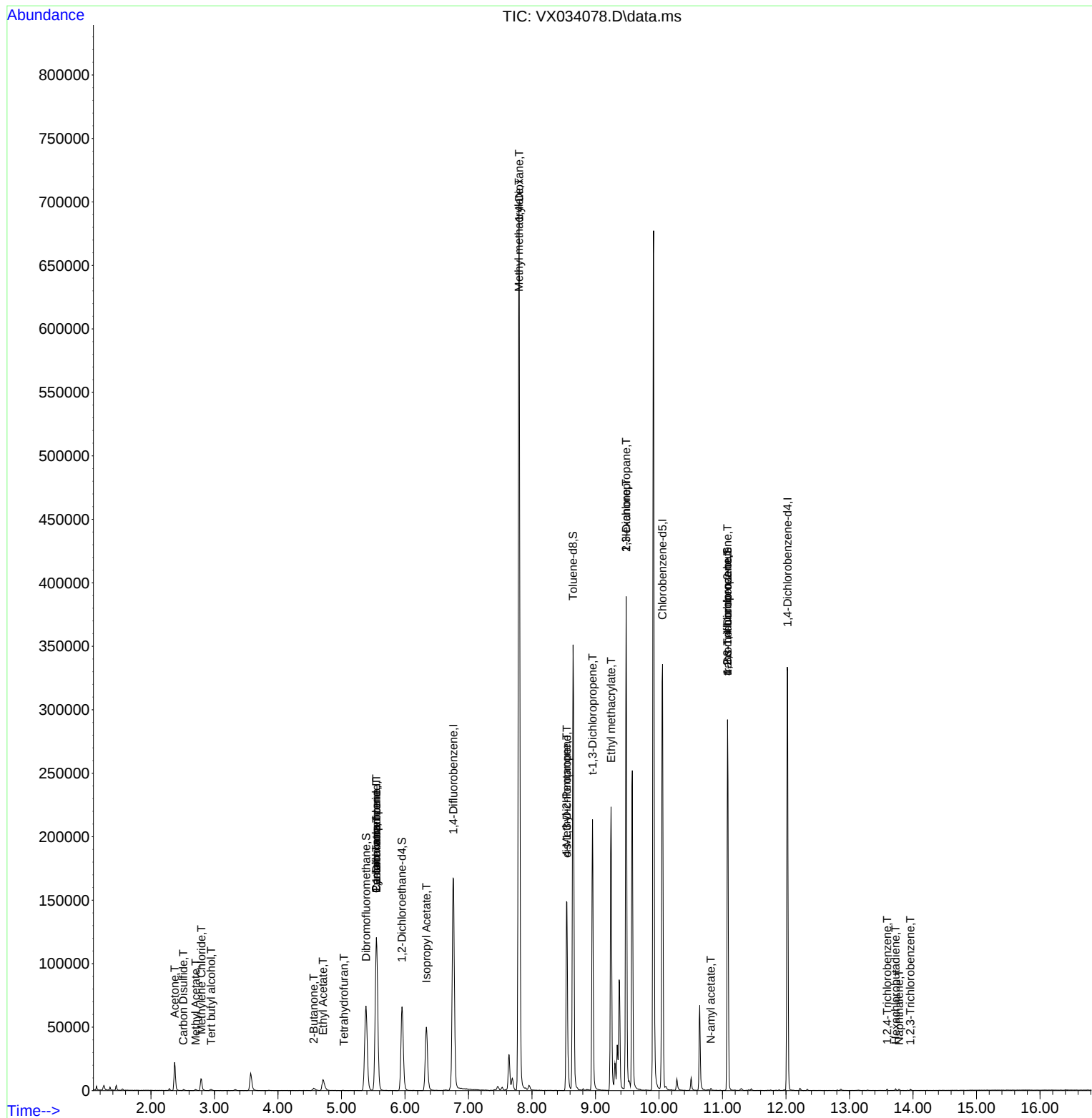
Internal Standards						
1) Pentafluorobenzene	5.550	168	130849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184798	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63670	50.474	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.940%			
35) Dibromofluoromethane	5.385	113	58894	50.075	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.160%			
50) Toluene-d8	8.647	98	211115	49.821	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.640%			
62) 4-Bromofluorobenzene	11.079	95	74907	49.495	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.000%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1035	5.856	ug/l #	86
16) Acetone	2.374	43	23742	44.562	ug/l	94
17) Carbon Disulfide	2.508	76	631	0.232	ug/l #	76
18) Methyl Acetate	2.703	43	1194	0.720	ug/l #	89
20) Methylene Chloride	2.794	84	4798	3.936	ug/l #	81
25) 2-Butanone	4.562	43	3146	4.055	ug/l	94
29) Tetrahydrofuran	5.038	42	183	0.371	ug/l #	34
31) Cyclohexane	5.550	56	1913	1.041	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7756	4.810	ug/l #	48
37) Ethyl Acetate	4.709	43	15767	10.496	ug/l	98
38) Carbon Tetrachloride	5.550	117	11674	6.788	ug/l #	15
43) Isopropyl Acetate	6.336	43	68388	29.192	ug/l	97
48) Methyl methacrylate	7.793	41	59951	49.565	ug/l #	45
49) 1,4-Dioxane	7.799	88	22	0.945	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	54298	36.951	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	461	0.293	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	26181	14.638	ug/l #	62
56) Ethyl methacrylate	9.244	69	487	0.289	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3550	1.799	ug/l #	43
59) 2-Hexanone	9.482	43	46900	43.613	ug/l #	50
74) N-amyl acetate	10.817	43	736	0.414	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	35407	25.519	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	35407	78.591	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	418	0.221	ug/l #	91
94) Hexachlorobutadiene	13.725	225	359	0.383	ug/l	92
95) Naphthalene	13.780	128	1102	0.212	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.957	180	424	0.223	ug/l	92

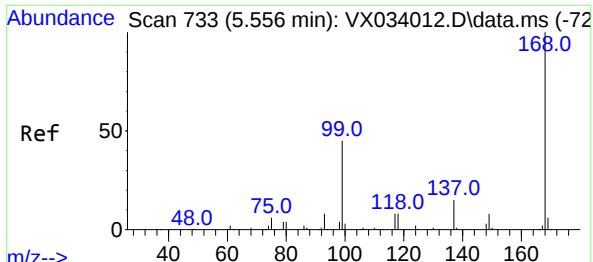
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
Data File : VX034078.D
Acq On : 08 Feb 2023 12:23
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Instrument :
MSVOA_X
ClientSampleId :
PB150737TB

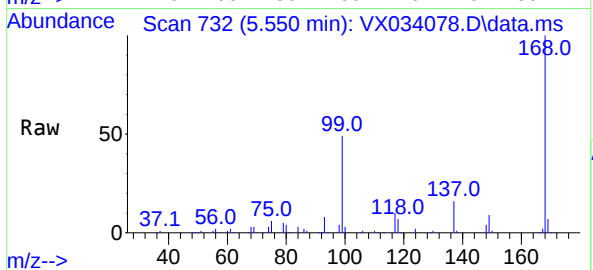
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration



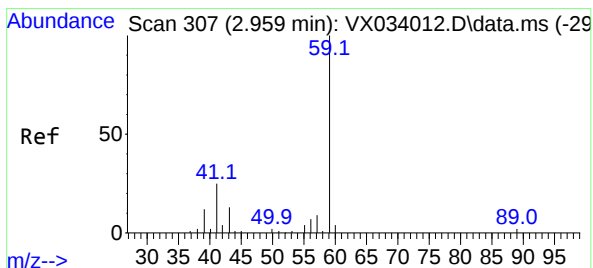
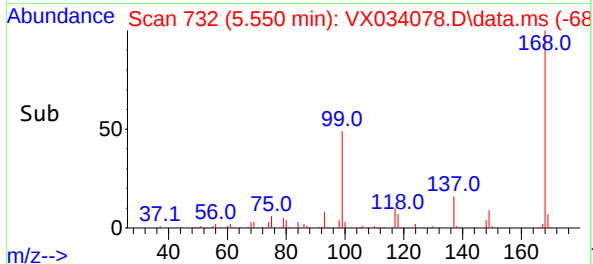
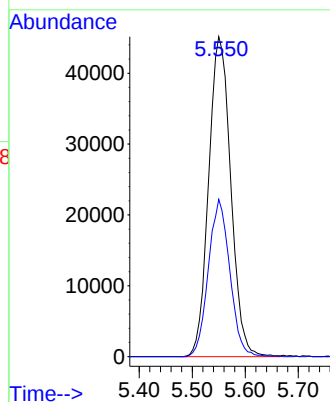


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Instrument :
MSVOA_X
ClientSampleId :
PB150737TB

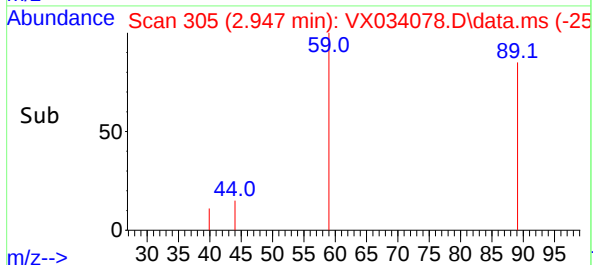
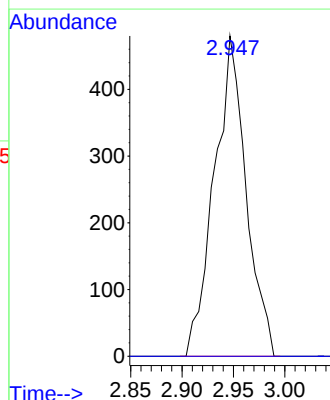
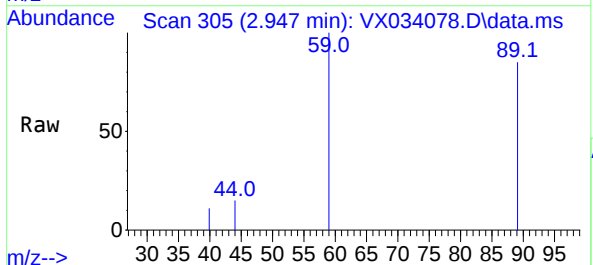


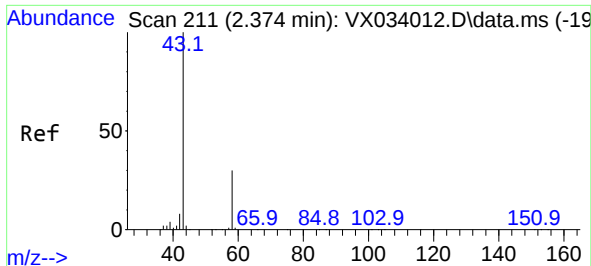
Tgt Ion:168 Resp: 130849
Ion Ratio Lower Upper
168 100
99 49.1 39.6 59.4



#11
Tert butyl alcohol
Concen: 5.856 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Tgt Ion: 59 Resp: 1035
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

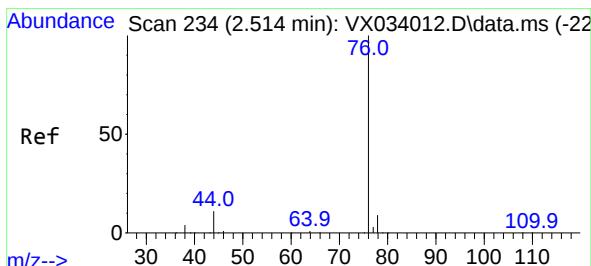
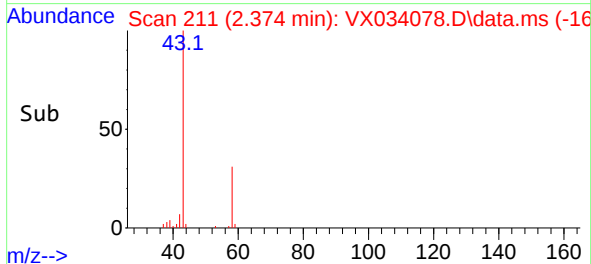
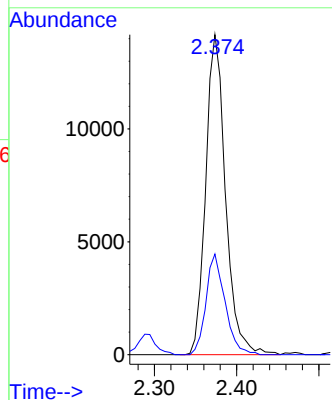
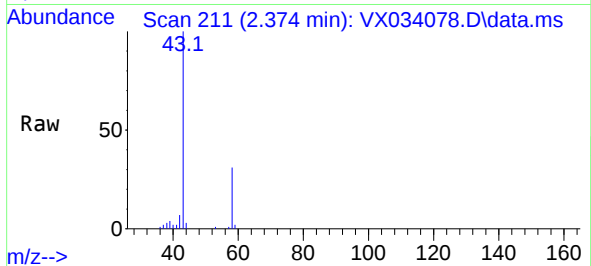




#16
Acetone
Concen: 44.562 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

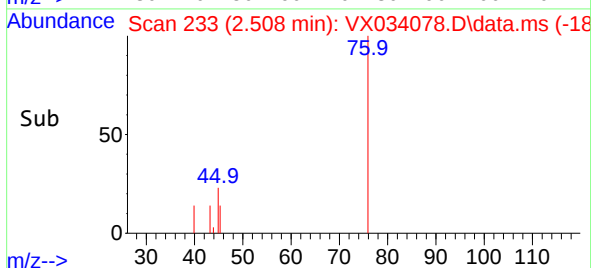
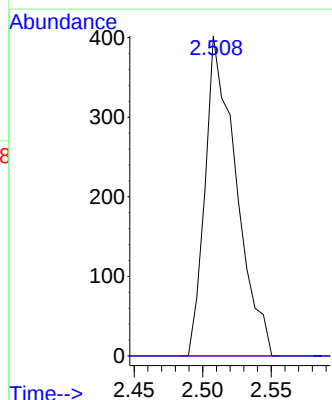
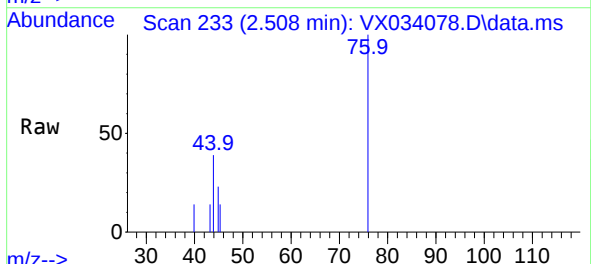
Instrument :
MSVOA_X
ClientSampleId :
PB150737TB

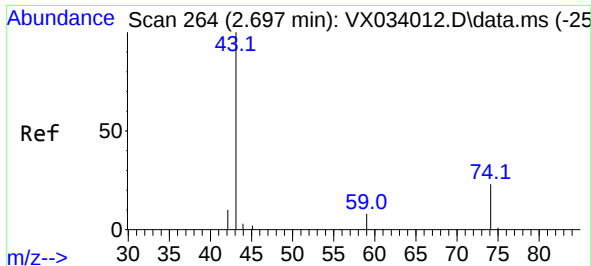
Tgt Ion: 43 Resp: 23742
Ion Ratio Lower Upper
43 100
58 31.5 22.6 33.8



#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Tgt Ion: 76 Resp: 631
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

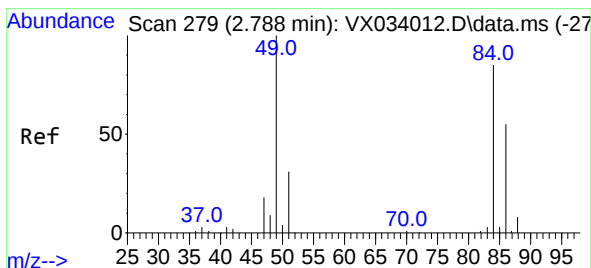
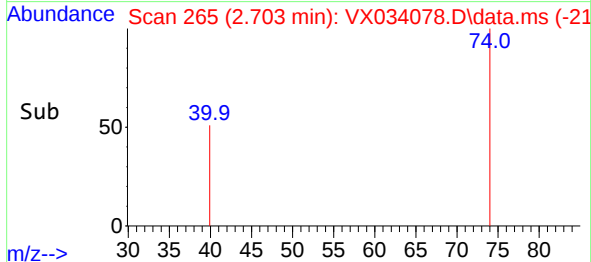
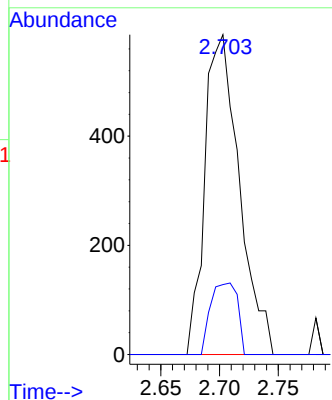
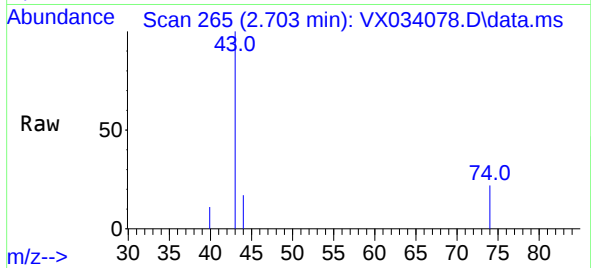




#18
Methyl Acetate
Concen: 0.720 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

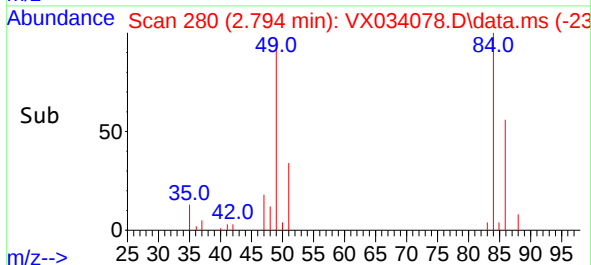
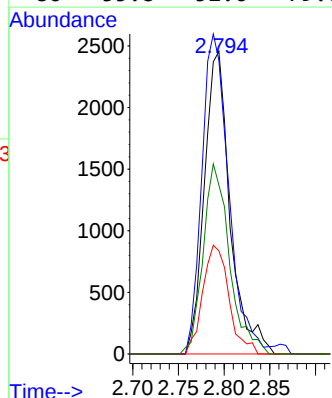
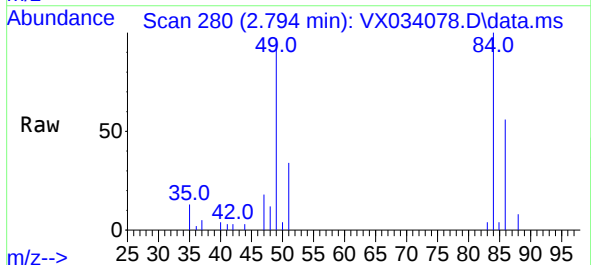
Instrument :
MSVOA_X
ClientSampleId :
PB150737TB

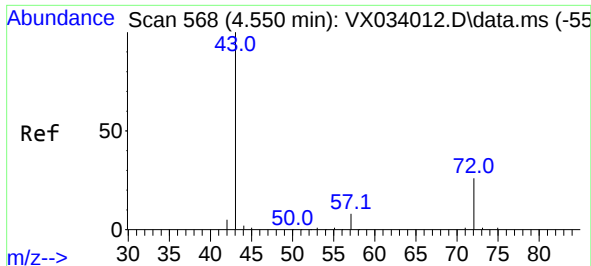
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
74 17.4 18.2 27.4#



#20
Methylene Chloride
Concen: 3.936 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Tgt Ion: 84 Resp: 4798
Ion Ratio Lower Upper
84 100
49 97.0 101.1 151.7#
51 34.0 31.0 46.6
86 55.8 52.6 79.0

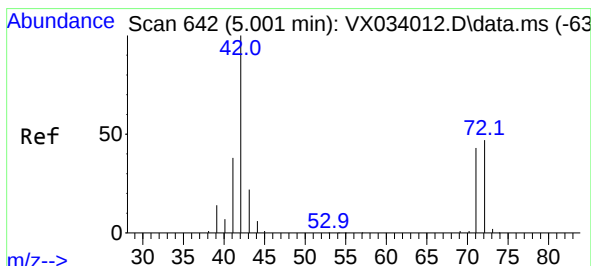
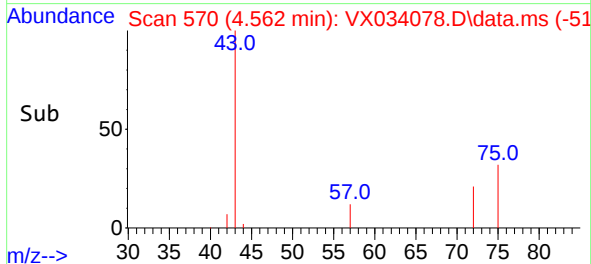
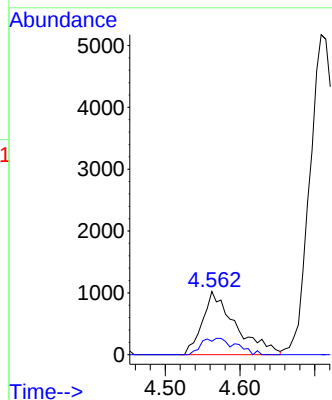
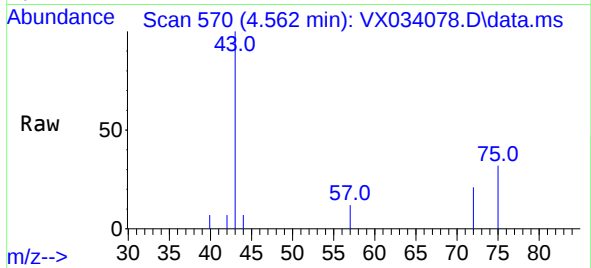




#25
2-Butanone
Concen: 4.055 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

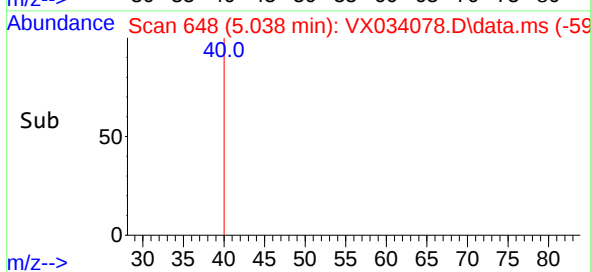
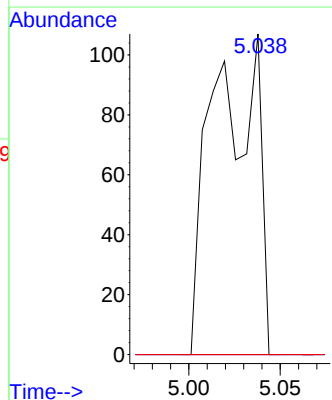
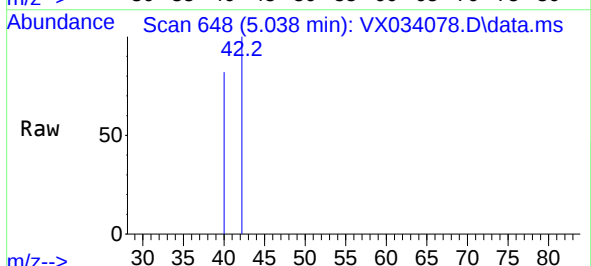
Instrument :
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ClientSampleId :
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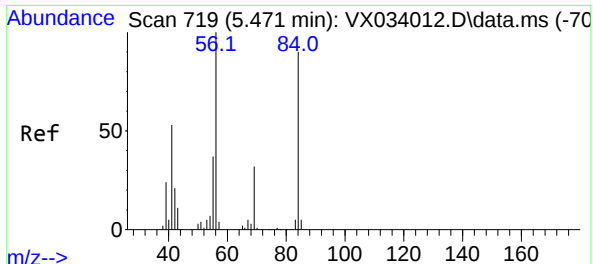
Tgt Ion: 43 Resp: 3146
Ion Ratio Lower Upper
43 100
72 21.3 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.371 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.037 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

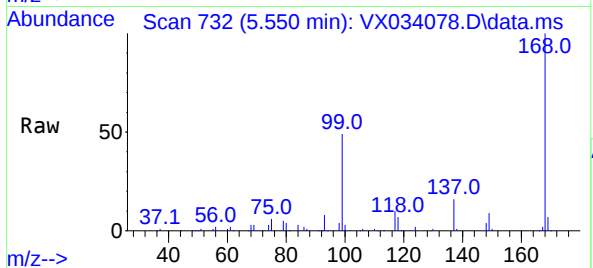
Tgt Ion: 42 Resp: 183
Ion Ratio Lower Upper
42 100
72 0.0 34.8 52.2#
71 0.0 32.2 48.2#



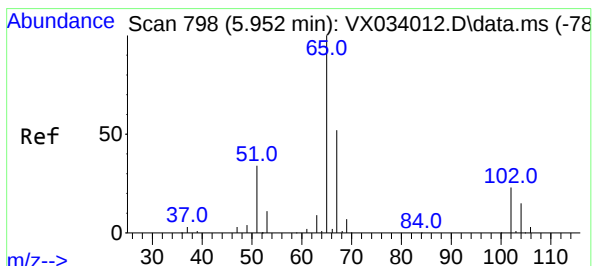
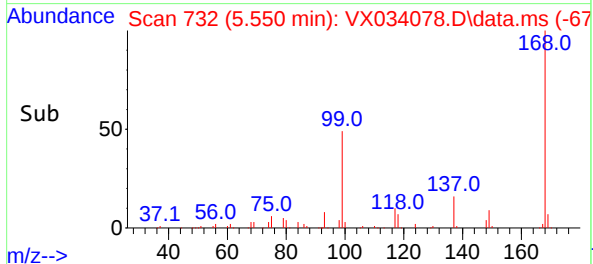
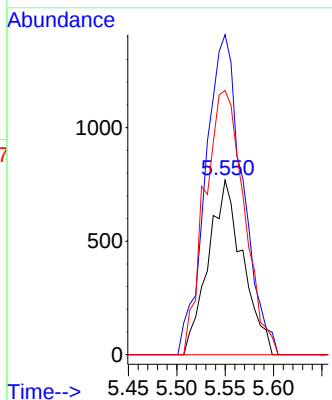


#31
Cyclohexane
Concen: 1.041 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Instrument :
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ClientSampleId :
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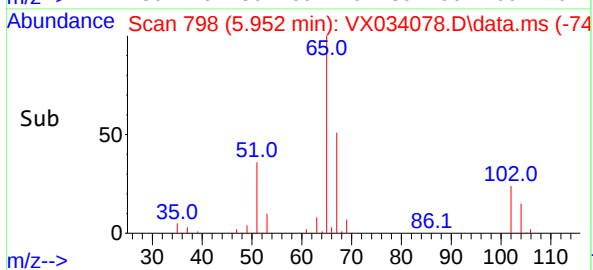
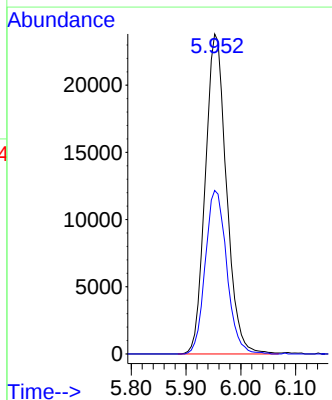
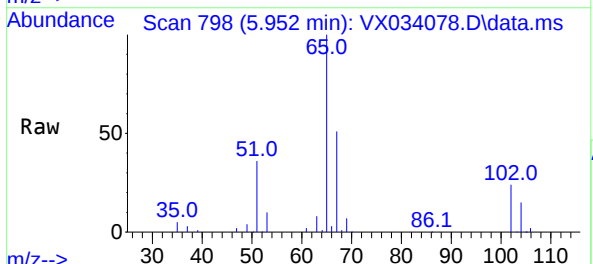


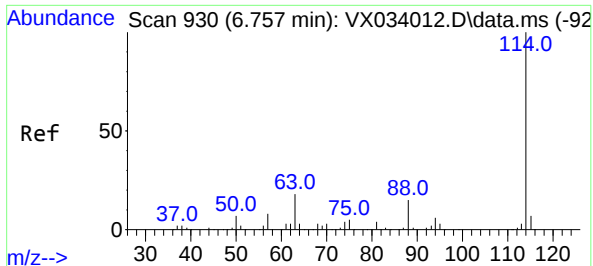
Tgt Ion: 56 Resp: 1913
Ion Ratio Lower Upper
56 100
69 183.5 24.6 37.0#
84 151.4 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 50.474 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Tgt Ion: 65 Resp: 63670
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

PB150737TB

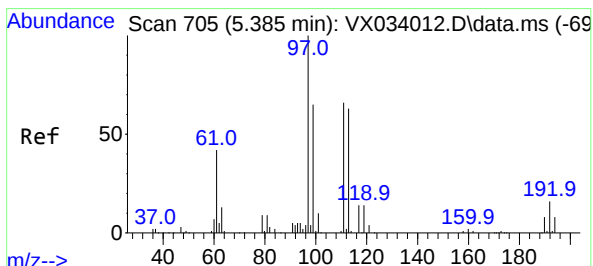
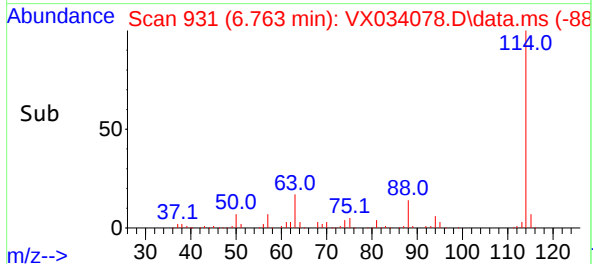
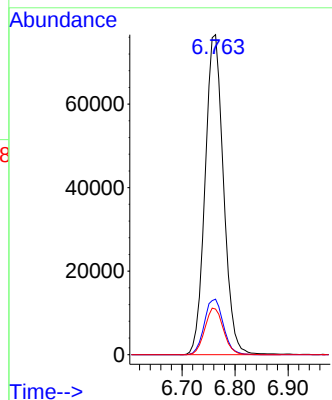
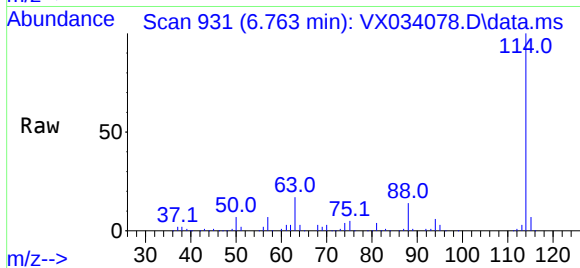
Tgt Ion:114 Resp: 184798

Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.075 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

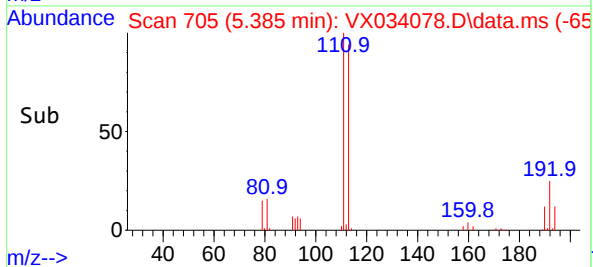
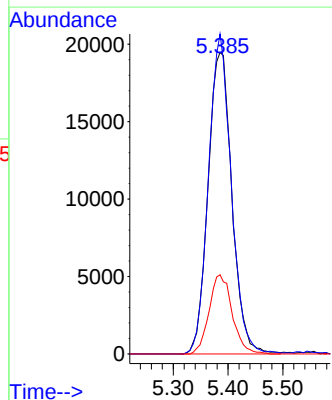
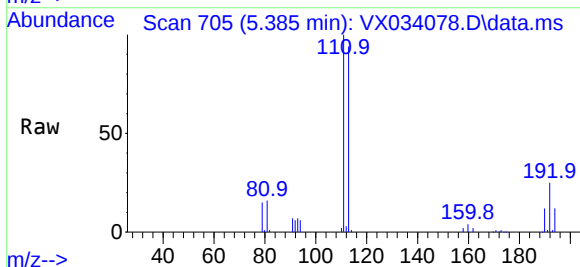
Tgt Ion:113 Resp: 58894

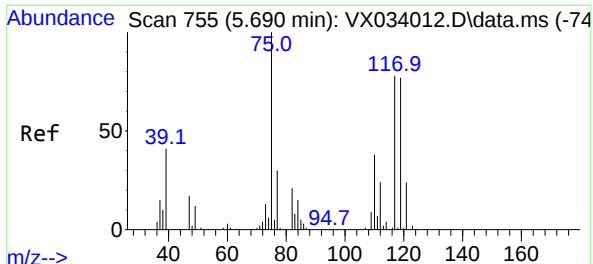
Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.6

192 25.4 19.0 28.4





#36

1,1-Dichloropropene

Concen: 4.810 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

PB150737TB

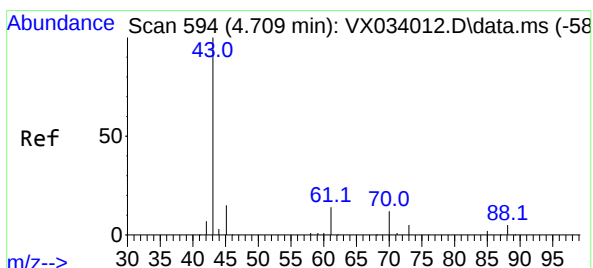
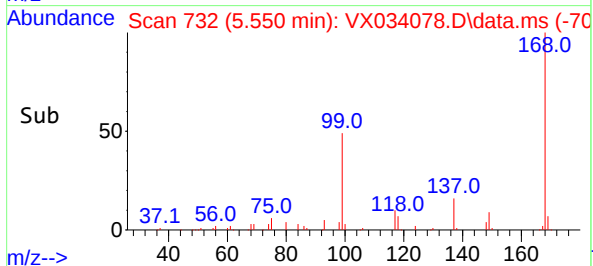
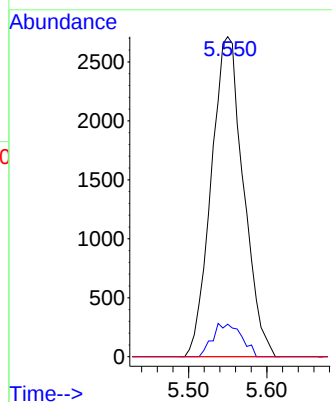
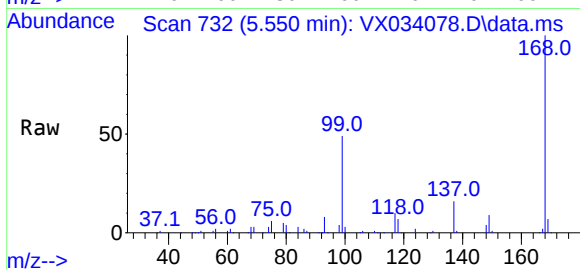
Tgt Ion: 75 Resp: 7756

Ion Ratio Lower Upper

75 100

110 9.2 18.8 56.4#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 10.496 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

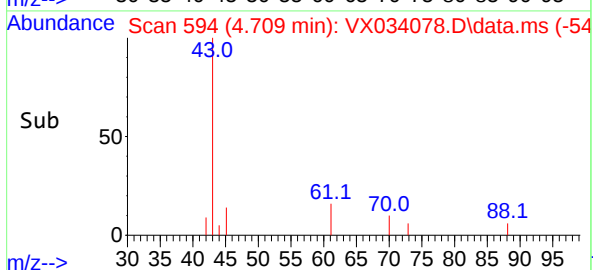
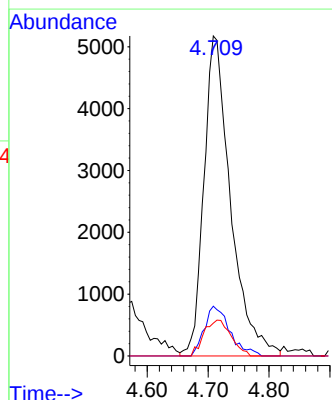
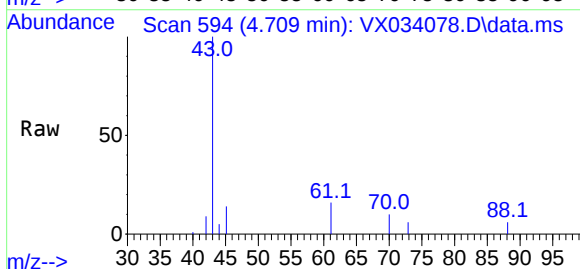
Tgt Ion: 43 Resp: 15767

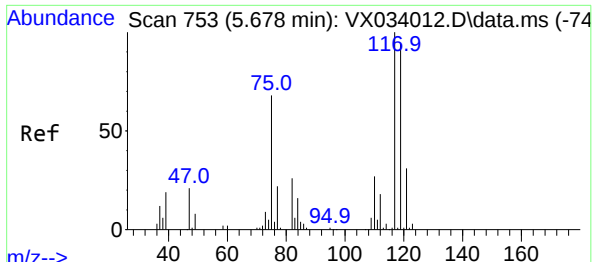
Ion Ratio Lower Upper

43 100

61 14.9 11.1 16.7

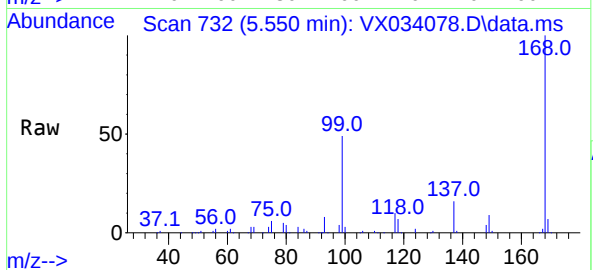
70 11.4 8.5 12.7



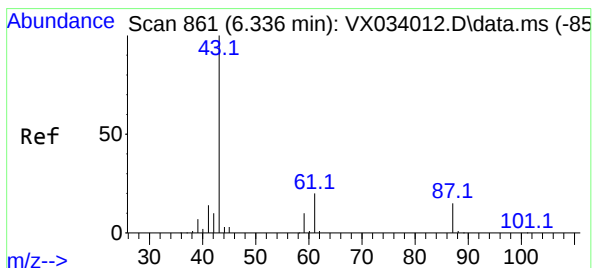
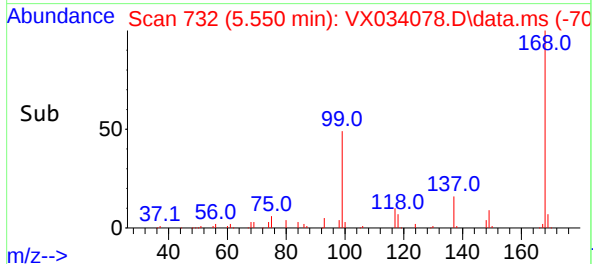
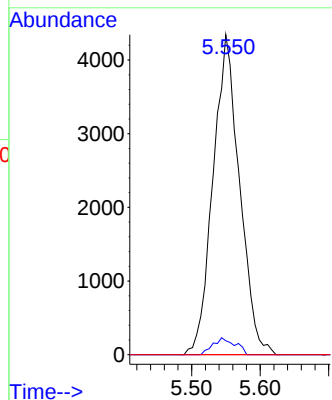


#38
Carbon Tetrachloride
Concen: 6.788 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Instrument :
MSVOA_X
ClientSampleId :
PB150737TB

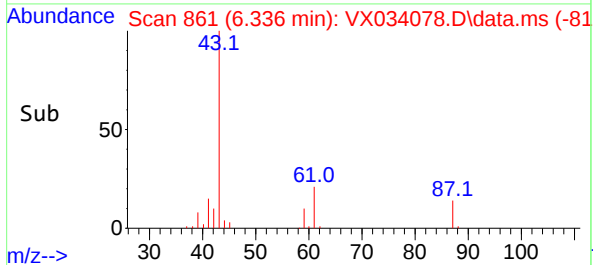
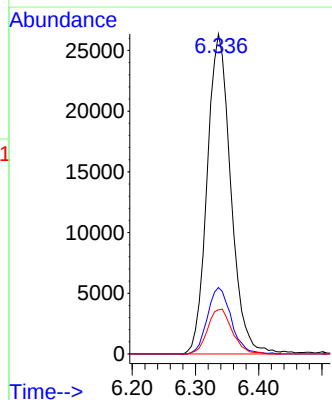
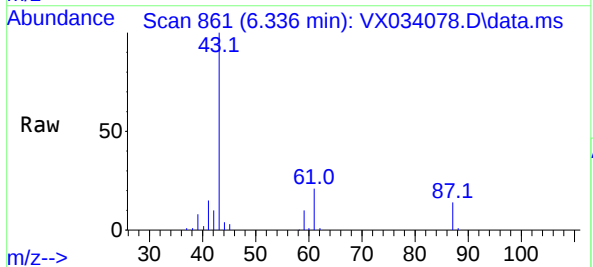


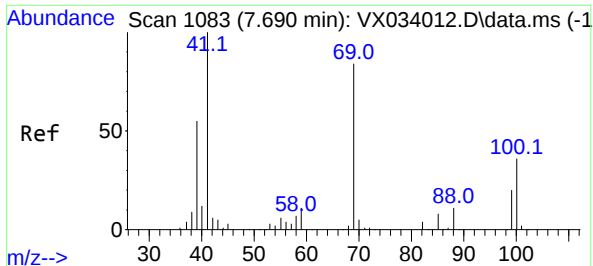
Tgt Ion:117 Resp: 11674
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 29.192 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Tgt Ion: 43 Resp: 68388
Ion Ratio Lower Upper
43 100
61 20.9 15.7 23.5
87 14.5 10.6 15.8





#48

Methyl methacrylate

Concen: 49.565 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.104 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

PB150737TB

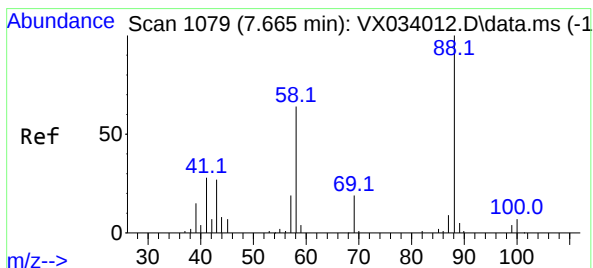
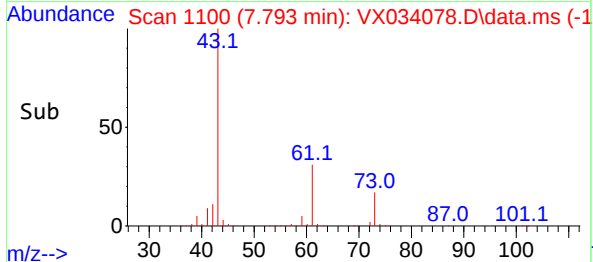
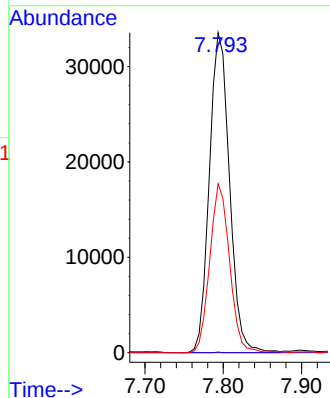
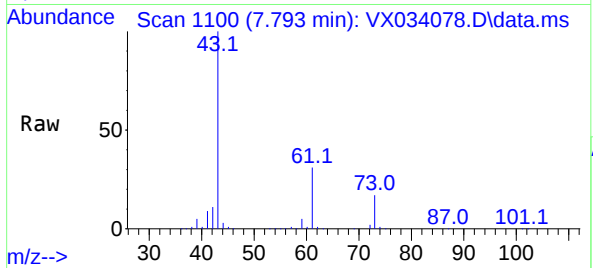
Tgt Ion: 41 Resp: 59951

Ion Ratio Lower Upper

41 100

69 0.0 63.1 94.7#

39 52.0 43.2 64.8



#49

1,4-Dioxane

Concen: 0.945 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

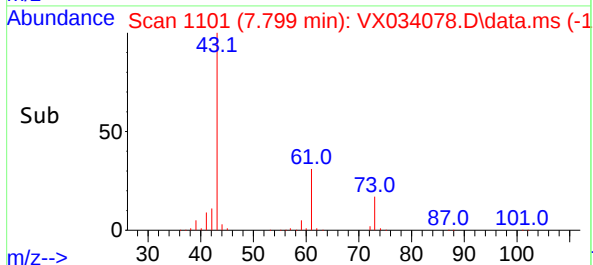
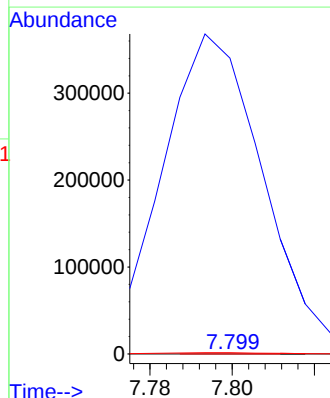
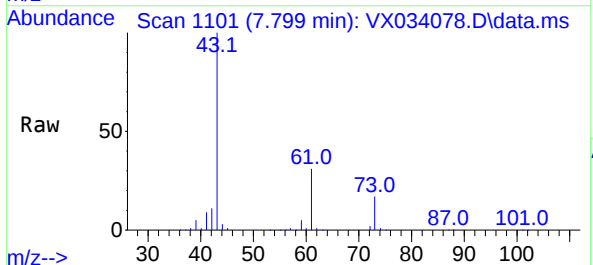
Tgt Ion: 88 Resp: 22

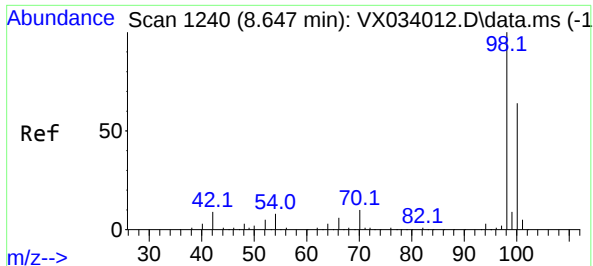
Ion Ratio Lower Upper

88 100

43 2942513.6 0.0 0.0#

58 12245.5 56.5 84.7#





#50

Toluene-d8

Concen: 49.821 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

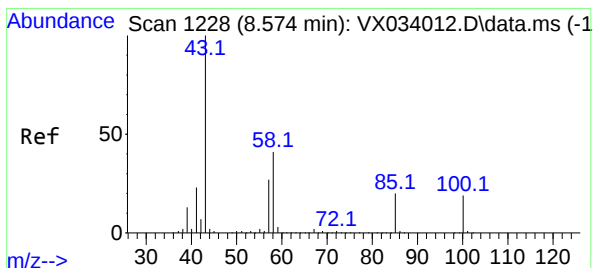
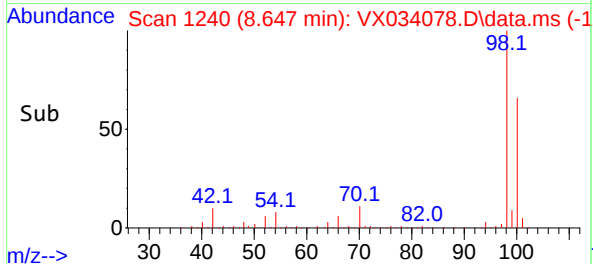
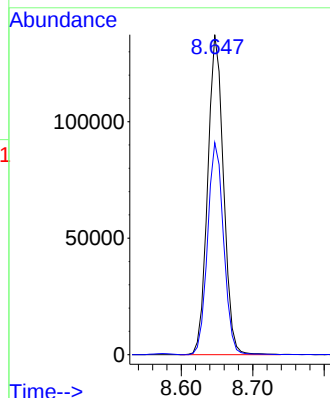
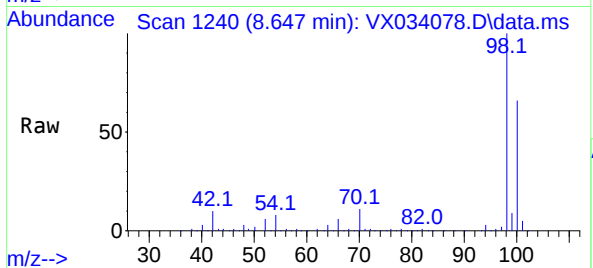
PB150737TB

Tgt Ion: 98 Resp: 211115

Ion Ratio Lower Upper

98 100

100 67.1 53.6 80.4



#51

4-Methyl-2-Pentanone

Concen: 36.951 ug/l

RT: 8.543 min Scan# 1223

Delta R.T. -0.030 min

Lab File: VX034078.D

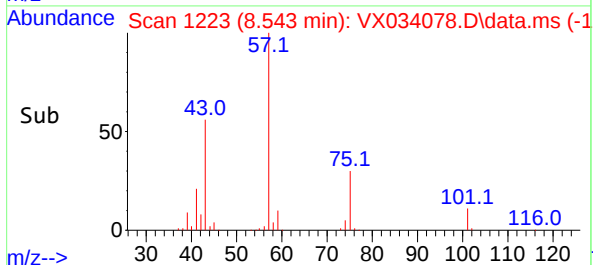
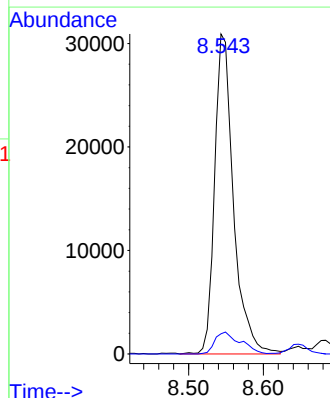
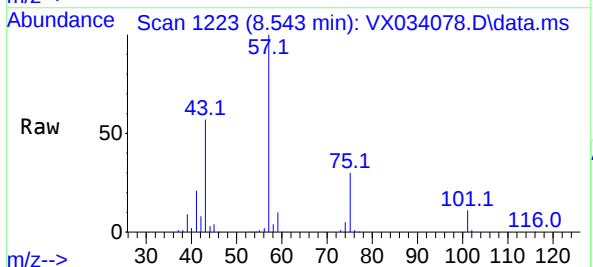
Acq: 08 Feb 2023 12:23

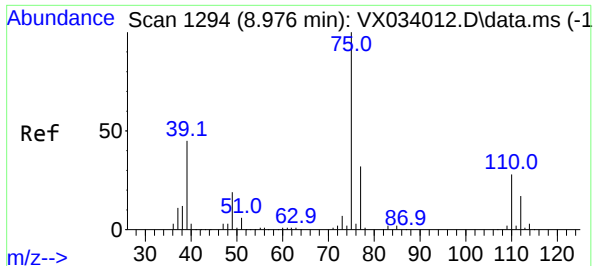
Tgt Ion: 43 Resp: 54298

Ion Ratio Lower Upper

43 100

58 9.4 31.2 46.8#





#53

t-1,3-Dichloropropene

Concen: 0.293 ug/l

RT: 8.952 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

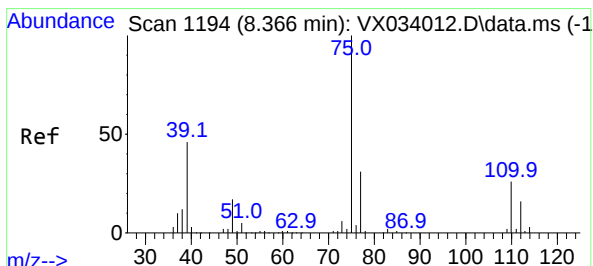
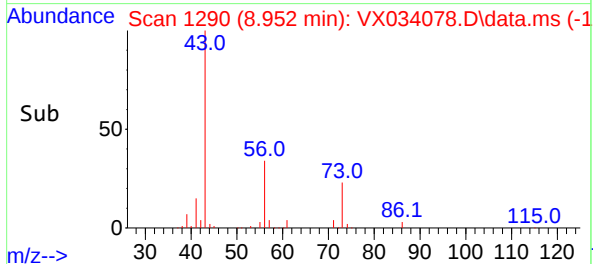
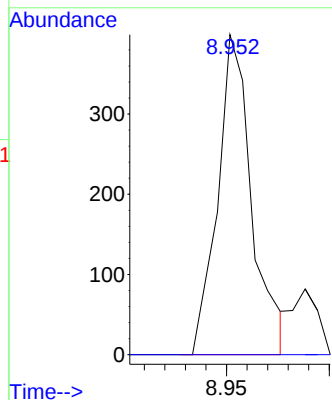
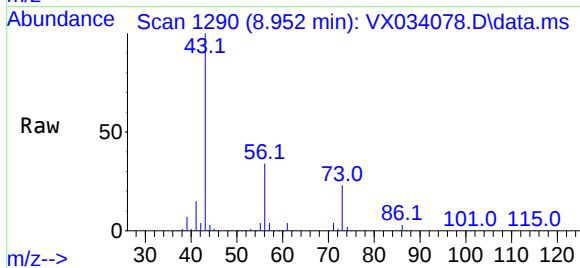
PB150737TB

Tgt Ion: 75 Resp: 461

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#



#54

cis-1,3-Dichloropropene

Concen: 14.638 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

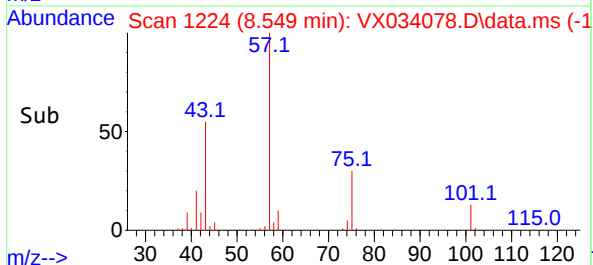
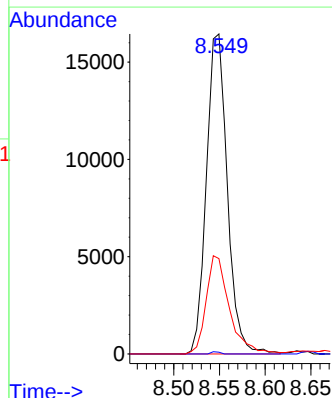
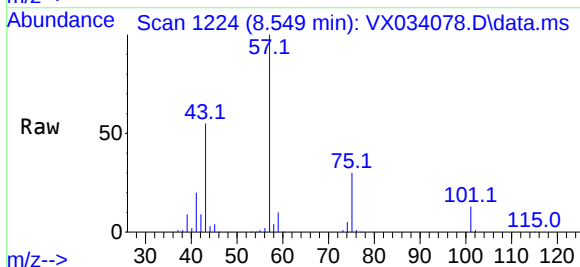
Tgt Ion: 75 Resp: 26181

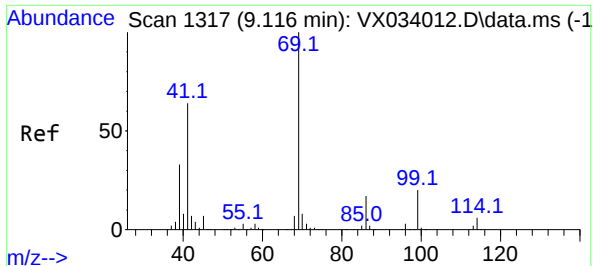
Ion Ratio Lower Upper

75 100

77 0.5 25.0 37.6#

39 29.8 38.6 58.0#





#56

Ethyl methacrylate

Concen: 0.289 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.128 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

PB150737TB

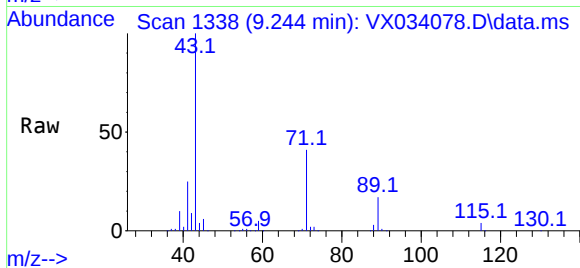
Tgt Ion: 69 Resp: 487

Ion Ratio Lower Upper

69 100

41 6978.0 55.1 82.7#

39 2837.2 28.5 42.7#



Abundance

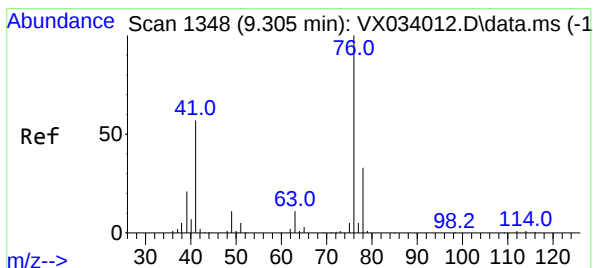
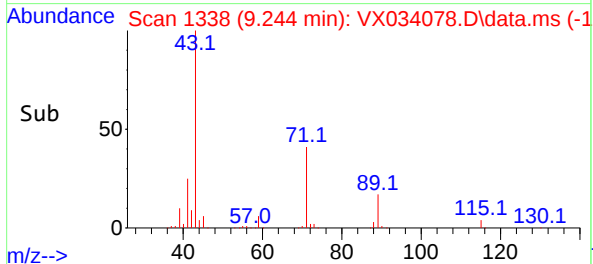
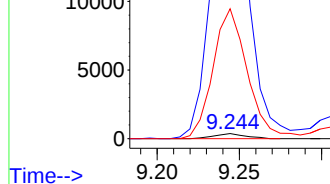
20000

15000

10000

5000

0



#57

1,3-Dichloropropane

Concen: 1.799 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX034078.D

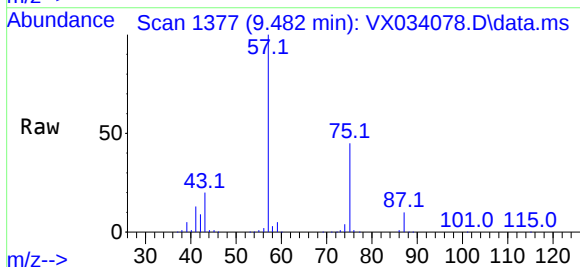
Acq: 08 Feb 2023 12:23

Tgt Ion: 76 Resp: 3550

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



Abundance

2500

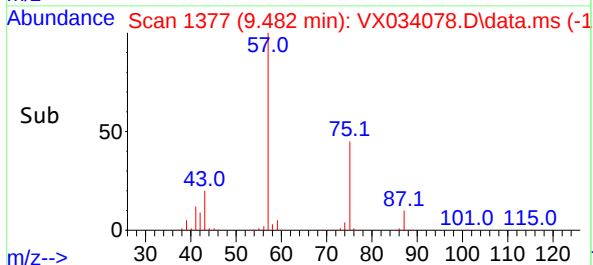
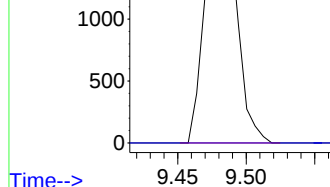
2000

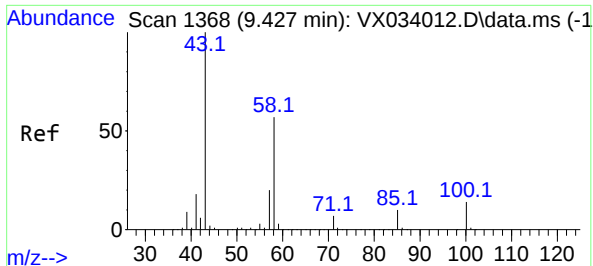
1500

1000

500

0





#59

2-Hexanone

Concen: 43.613 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.055 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

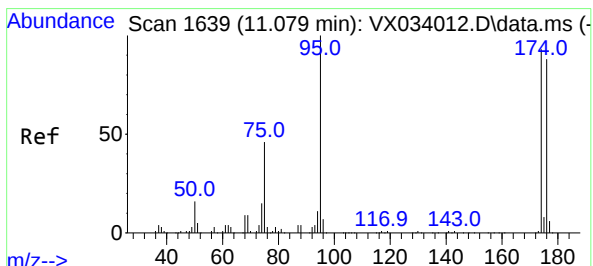
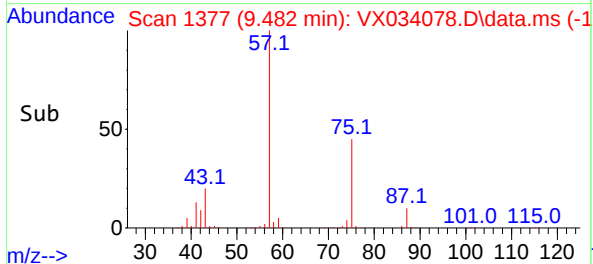
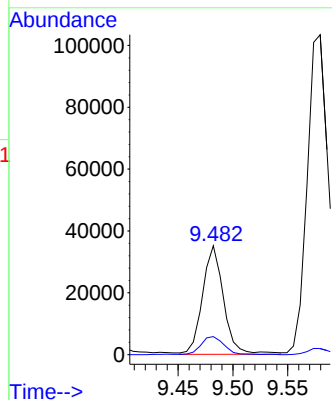
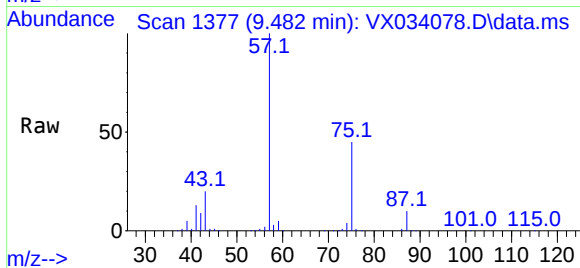
PB150737TB

Tgt Ion: 43 Resp: 46900

Ion Ratio Lower Upper

43 100

58 18.9 27.4 82.0#



#62

4-Bromofluorobenzene

Concen: 49.495 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034078.D

Acq: 08 Feb 2023 12:23

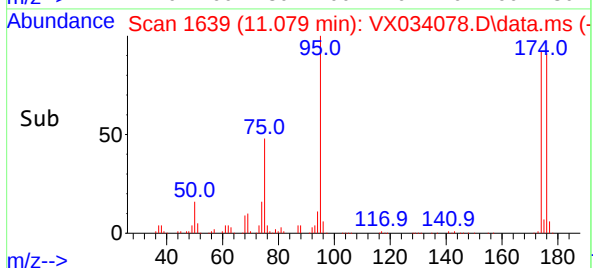
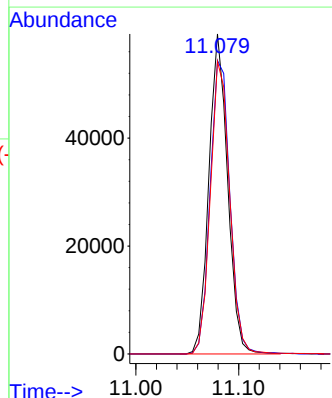
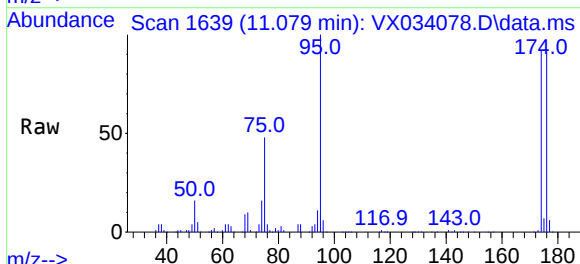
Tgt Ion: 95 Resp: 74907

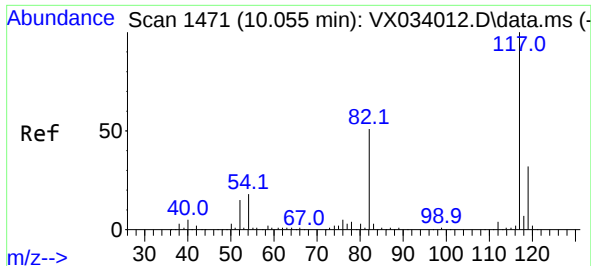
Ion Ratio Lower Upper

95 100

174 97.1 0.0 184.4

176 94.5 0.0 178.8

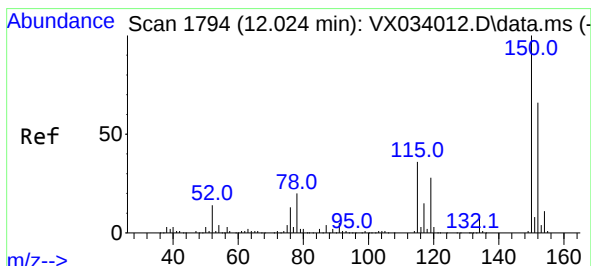
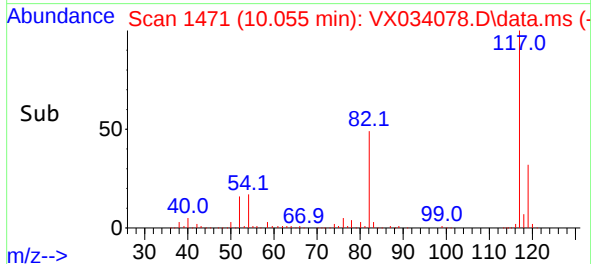
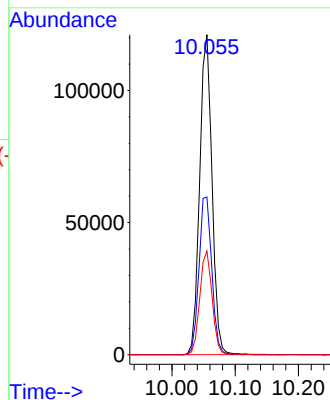
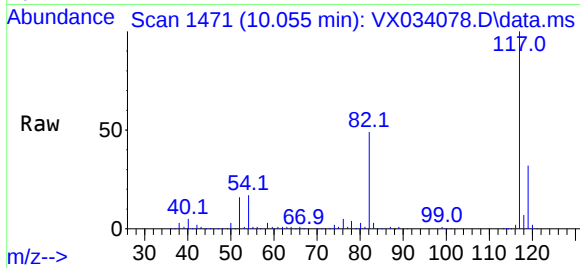




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

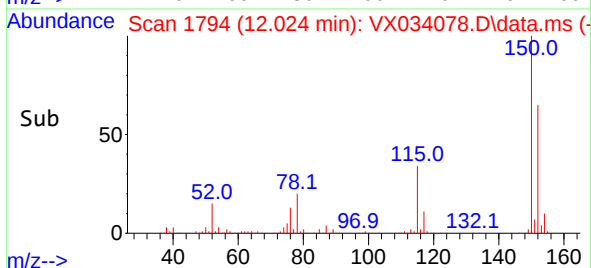
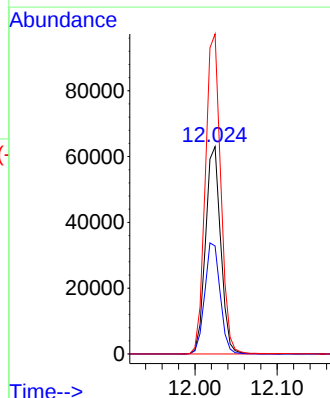
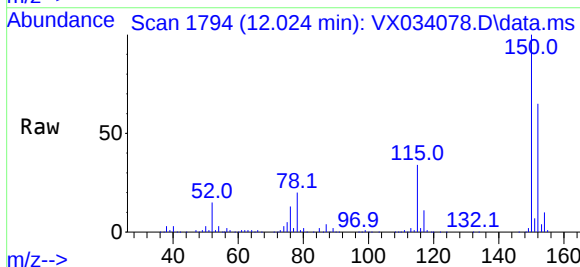
Instrument :
MSVOA_X
ClientSampleId :
PB150737TB

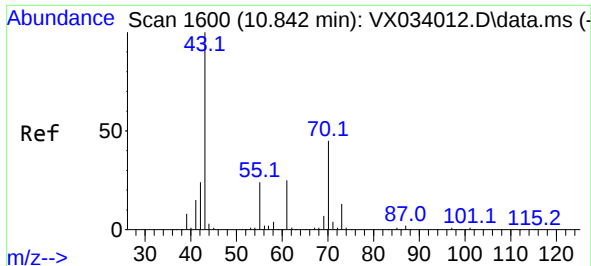
Tgt Ion:117 Resp: 164715
Ion Ratio Lower Upper
117 100
82 49.2 40.6 60.8
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Tgt Ion:152 Resp: 80803
Ion Ratio Lower Upper
152 100
115 54.4 38.7 116.1
150 157.0 0.0 348.2

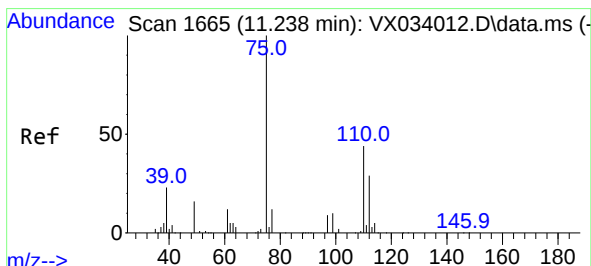
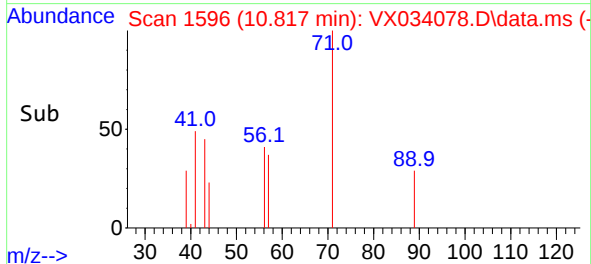
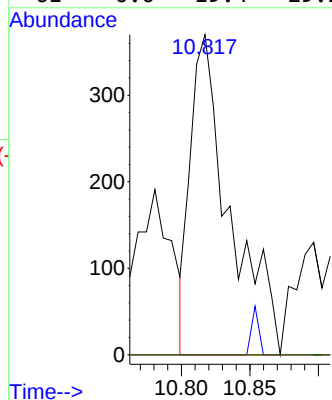
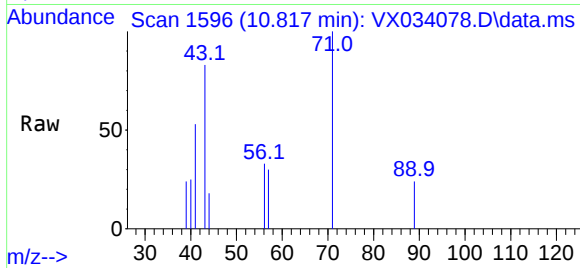




#74
N-amy1 acetate
Concen: 0.414 ug/l
RT: 10.817 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

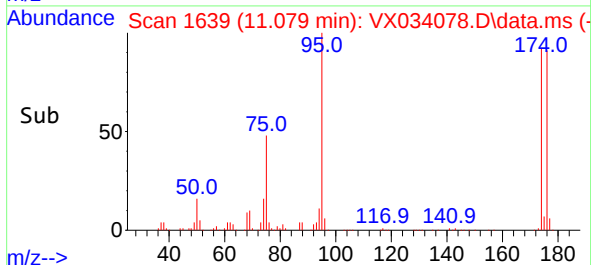
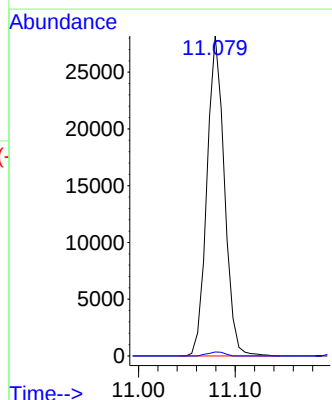
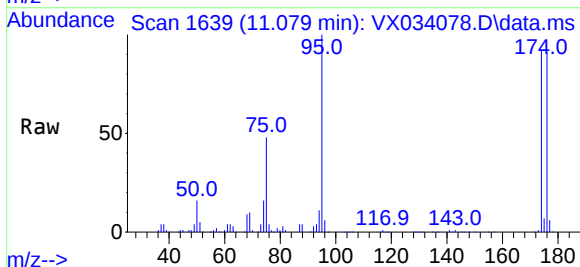
Instrument :
MSVOA_X
ClientSampleId :
PB150737TB

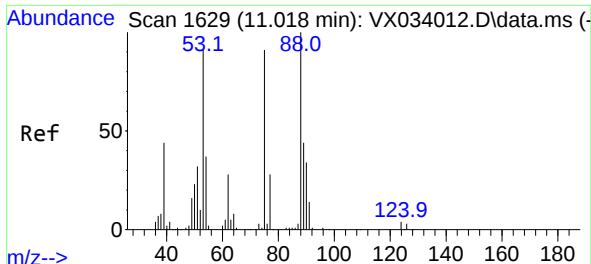
Tgt Ion: 43	Resp:	736
Ion	Ratio	Lower Upper
43	100	
70	0.0	34.8 52.2#
55	0.0	19.4 29.0#
61	0.0	19.4 29.2#



#76
1,2,3-Trichloropropane
Concen: 25.519 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Tgt Ion: 75	Resp:	35407
Ion	Ratio	Lower Upper
75	100	
77	1.2	21.8 65.4#

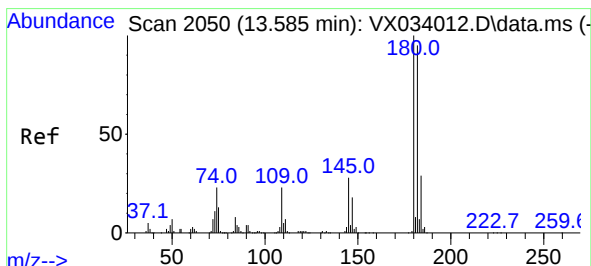
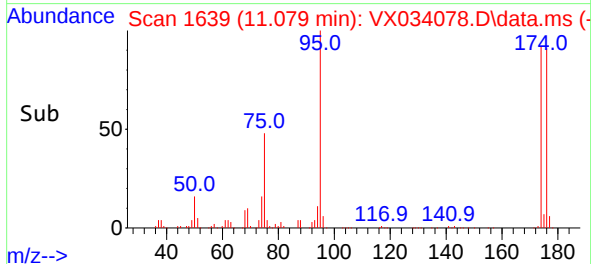
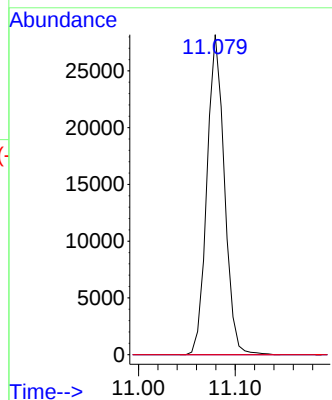
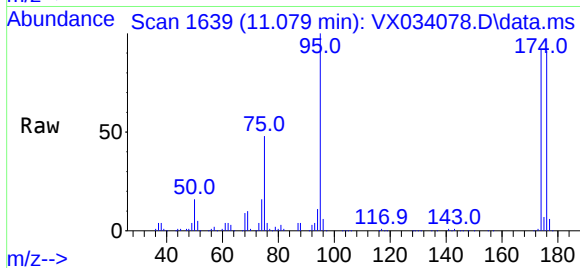




#81
trans-1,4-Dichloro-2-butene
Concen: 78.591 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

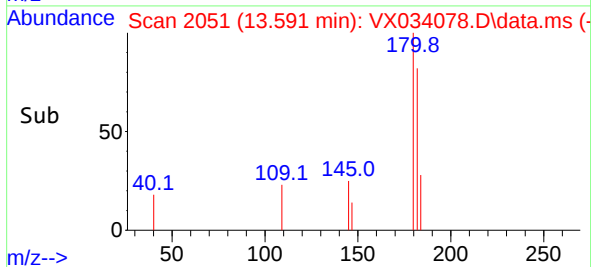
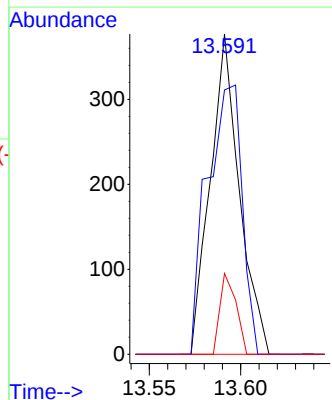
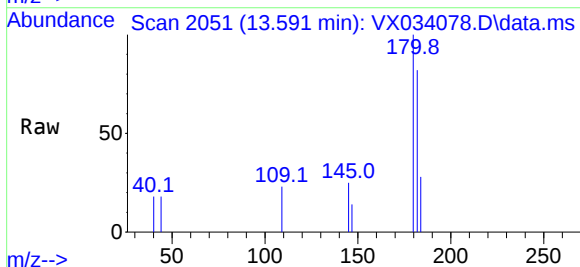
Instrument :
MSVOA_X
ClientSampleId :
PB150737TB

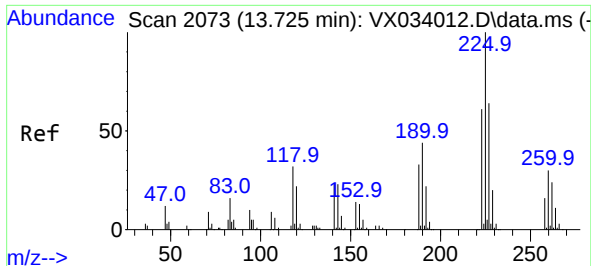
Tgt Ion: 75 Resp: 35407
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.221 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Tgt Ion:180 Resp: 418
Ion Ratio Lower Upper
180 100
182 99.8 47.9 143.6
145 13.9 14.1 42.2#

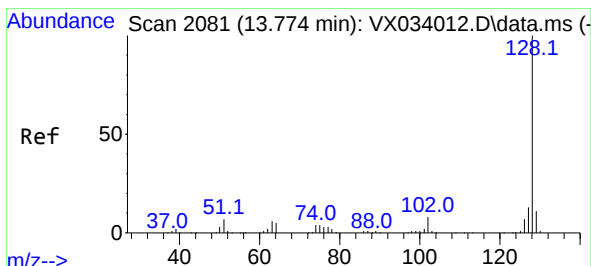
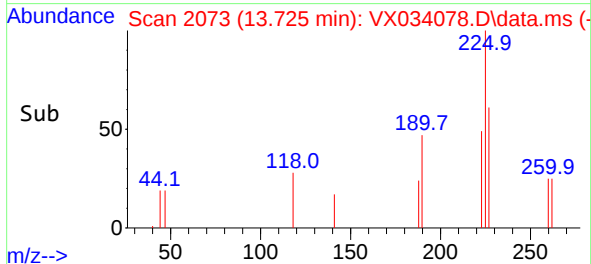
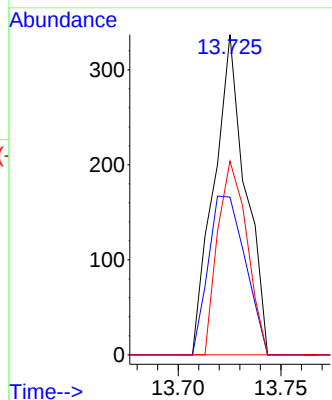
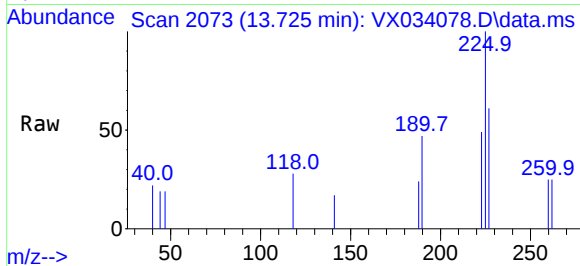




#94
Hexachlorobutadiene
Concen: 0.383 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

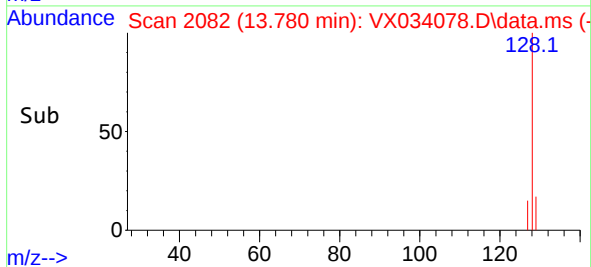
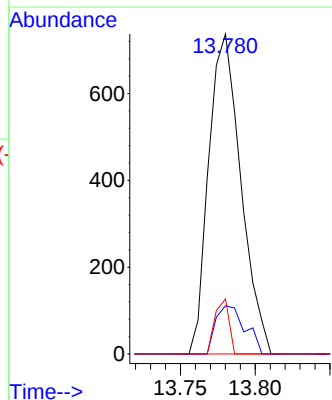
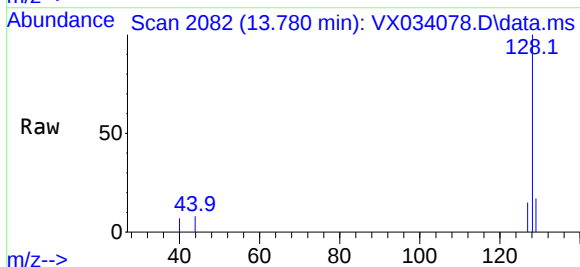
Instrument :
MSVOA_X
ClientSampleId :
PB150737TB

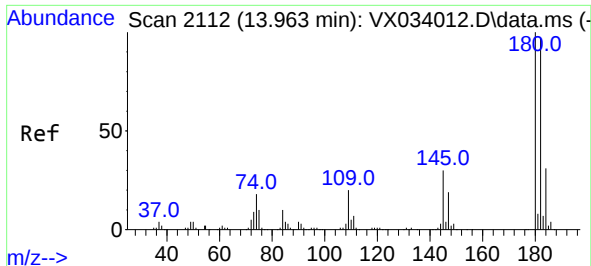
Tgt Ion:	225	Resp:	359
Ion	Ratio	Lower	Upper
225	100		
223	58.2	31.3	93.9
227	56.3	32.3	96.9



#95
Naphthalene
Concen: 0.212 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034078.D
Acq: 08 Feb 2023 12:23

Tgt Ion:	128	Resp:	1102
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	7.5	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.223 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX034078.D
 Acq: 08 Feb 2023 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 PB150737TB

Tgt Ion:180 Resp: 424
 Ion Ratio Lower Upper
 180 100
 182 86.8 47.6 142.9
 145 26.9 15.1 45.3

