

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037103.D
 Acq On : 19 Aug 2023 02:51
 Operator : JC/MD
 Sample : 04071-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7

Quant Time: Aug 21 01:38:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

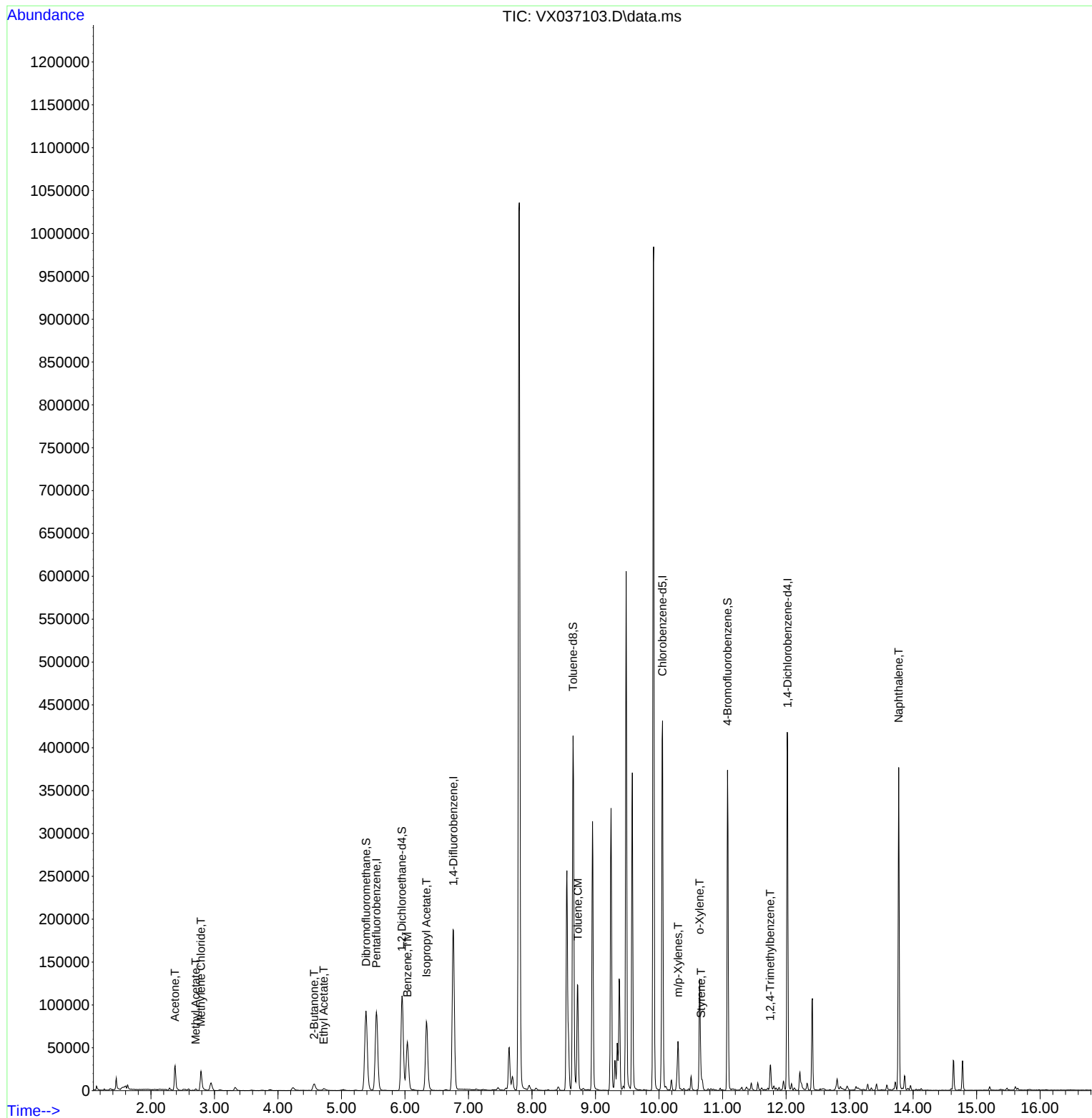
Internal Standards						
1) Pentafluorobenzene	5.550	168	85093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111190	90.637	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 181.280%#	
35) Dibromofluoromethane	5.385	113	80880	61.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 123.340%	
50) Toluene-d8	8.647	98	250705	52.699	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.400%	
62) 4-Bromofluorobenzene	11.079	95	101569	54.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.660%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	30536	63.627	ug/l	93
18) Methyl Acetate	2.703	43	2209	1.222	ug/l	94
20) Methylene Chloride	2.788	84	12277	11.439	ug/l	88
25) 2-Butanone	4.568	43	10237	14.166	ug/l	97
37) Ethyl Acetate	4.721	43	3731	1.960	ug/l #	94
40) Benzene	6.038	78	70051	13.109	ug/l	95
43) Isopropyl Acetate	6.336	43	108925	36.047	ug/l #	93
52) Toluene	8.720	92	47841	13.550	ug/l	96
68) m/p-Xylenes	10.299	106	13038	4.606	ug/l	98
69) o-Xylene	10.640	106	8710	3.119	ug/l	97
70) Styrene	10.659	104	8609	1.871	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	11304	2.122	ug/l	76
95) Naphthalene	13.774	128	220672	30.434	ug/l	99

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

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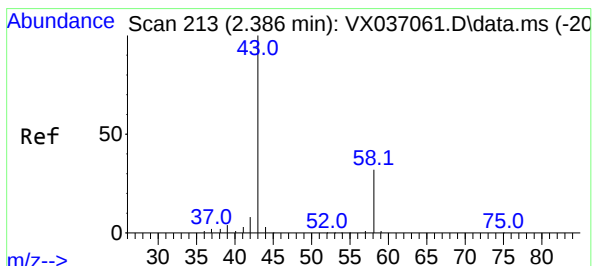
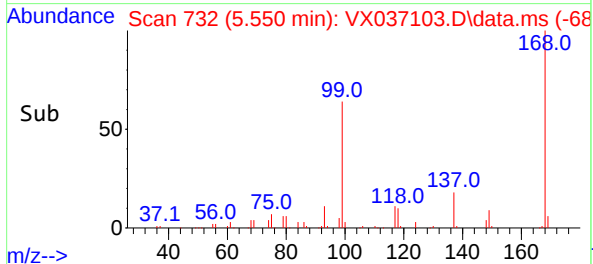
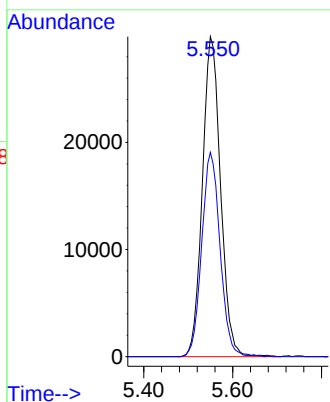
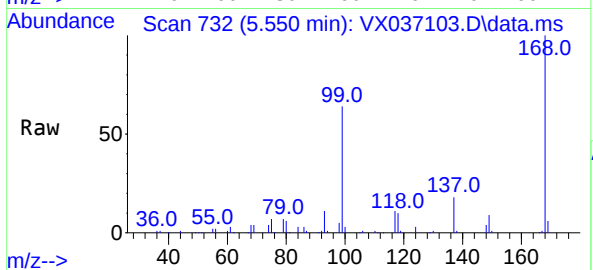




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

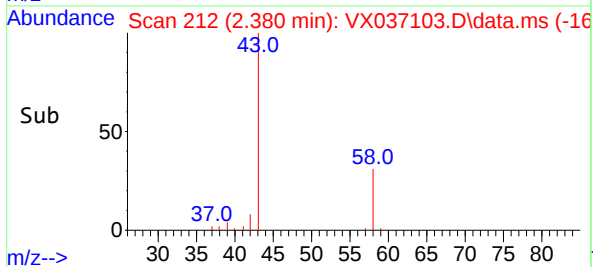
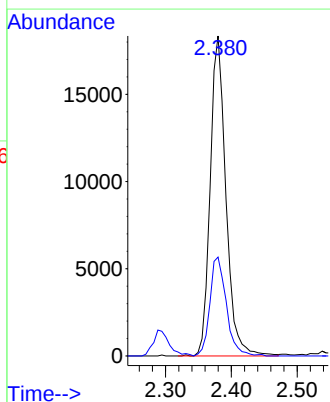
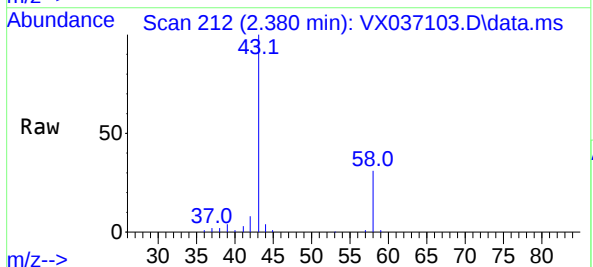
Instrument :
MSVOA_X
ClientSampleId :
SB-7

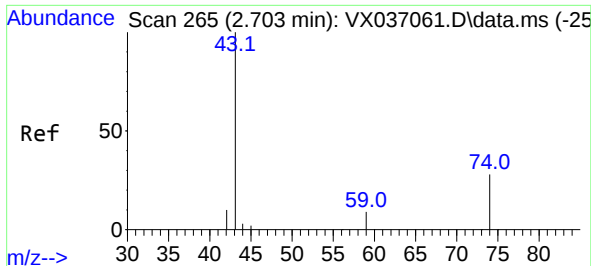
Tgt Ion:168 Resp: 85093
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#16
Acetone
Concen: 63.627 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 43 Resp: 30536
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#18

Methyl Acetate

Concen: 1.222 ug/l

RT: 2.703 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

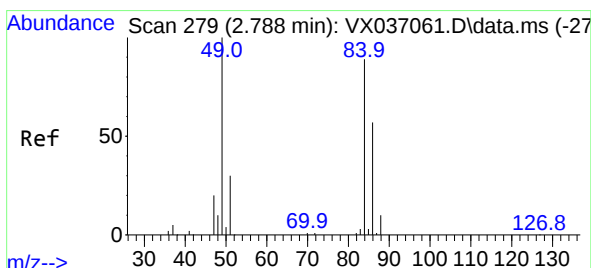
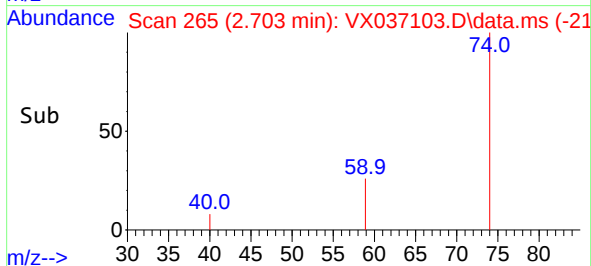
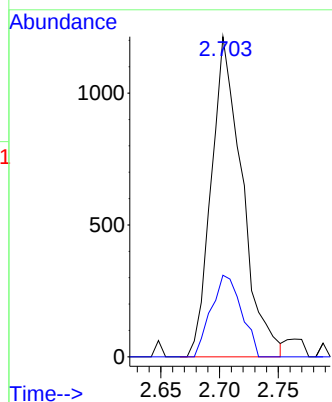
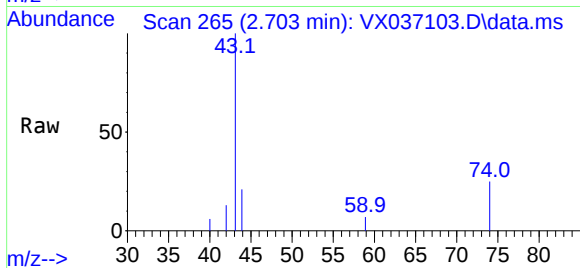
SB-7

Tgt Ion: 43 Resp: 2209

Ion Ratio Lower Upper

43 100

74 25.1 17.8 26.8



#20

Methylene Chloride

Concen: 11.439 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Tgt Ion: 84 Resp: 12277

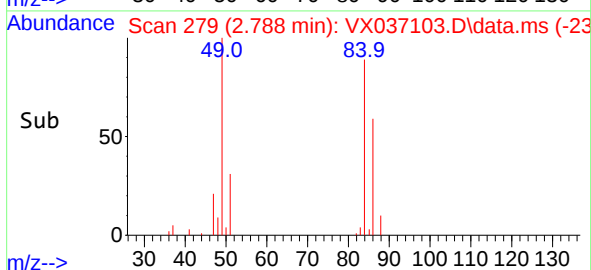
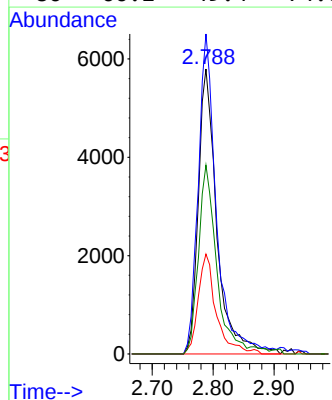
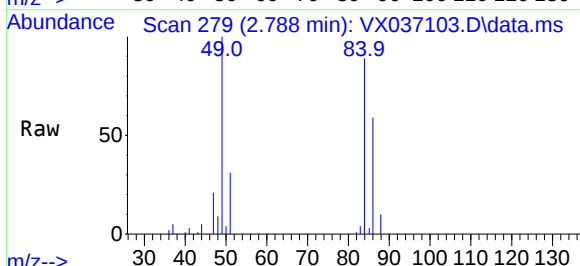
Ion Ratio Lower Upper

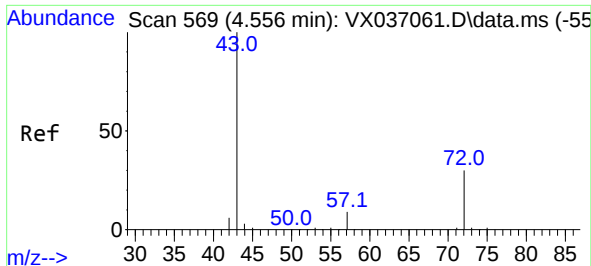
84 100

49 112.3 103.6 155.4

51 35.0 33.8 50.6

86 66.2 49.4 74.0





#25

2-Butanone

Concen: 14.166 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

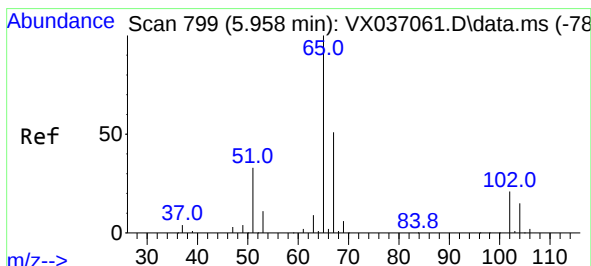
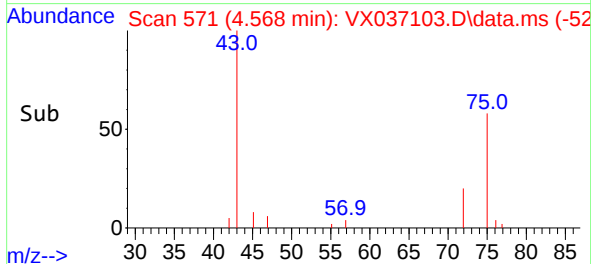
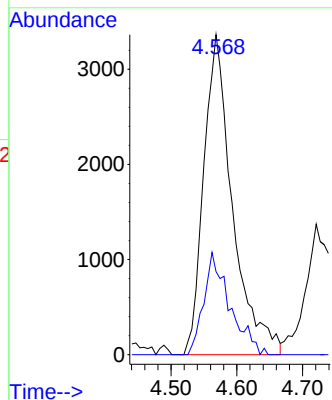
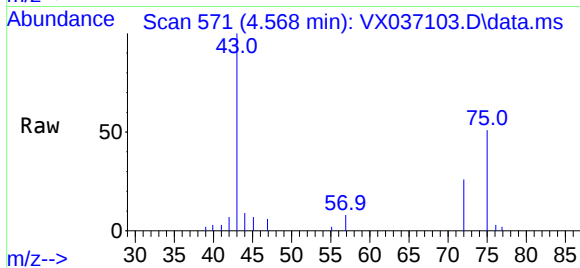
SB-7

Tgt Ion: 43 Resp: 10237

Ion Ratio Lower Upper

43 100

72 26.0 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 90.637 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037103.D

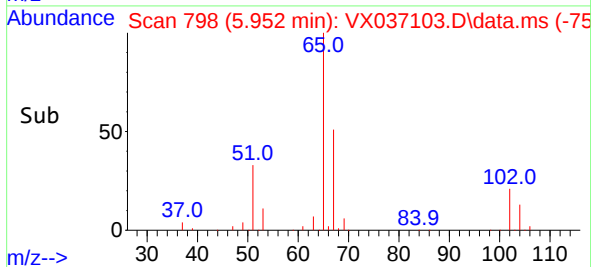
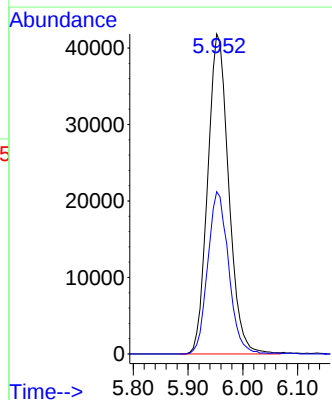
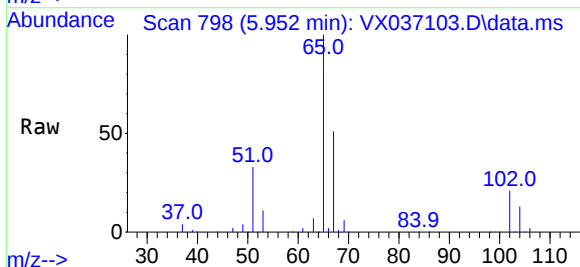
Acq: 19 Aug 2023 02:51

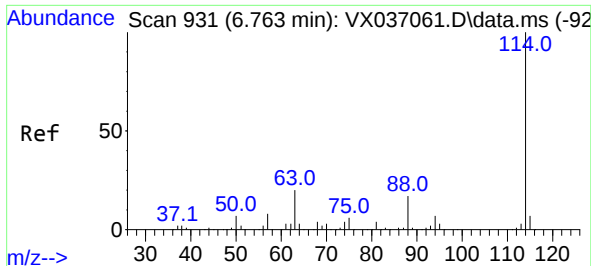
Tgt Ion: 65 Resp: 111190

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.2

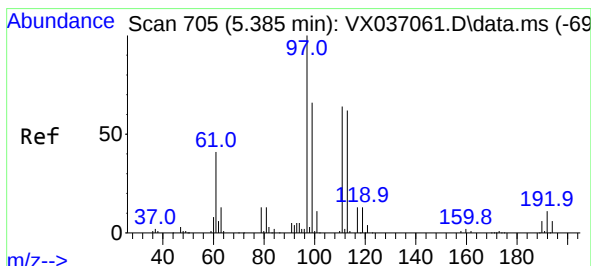
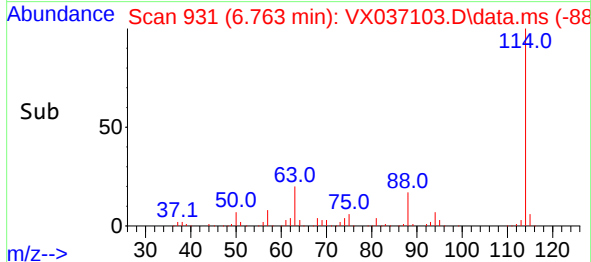
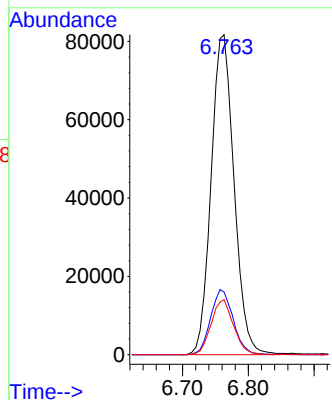
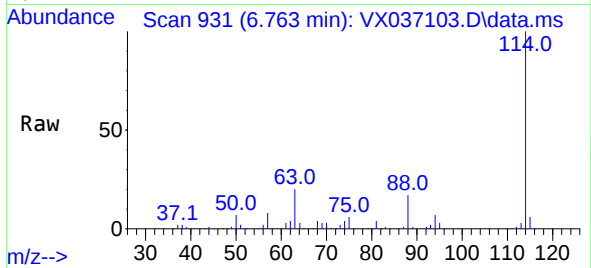




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

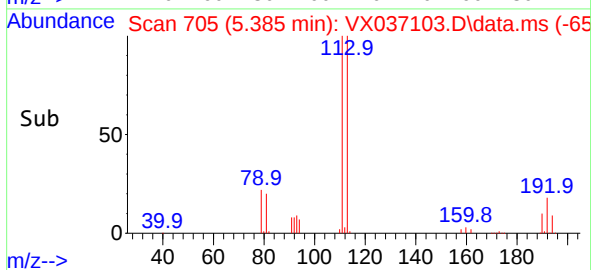
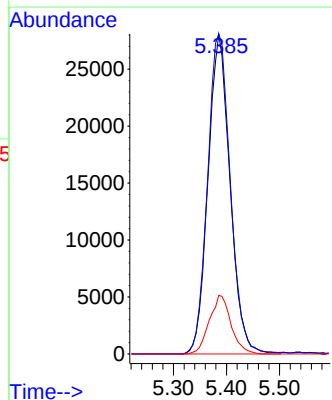
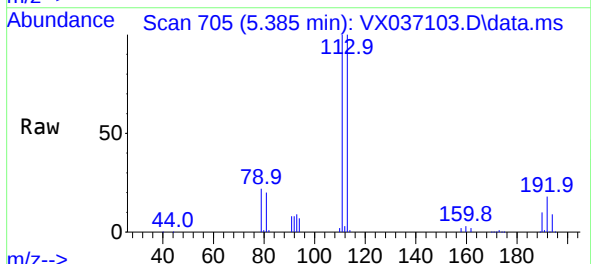
Instrument :
MSVOA_X
ClientSampleId :
SB-7

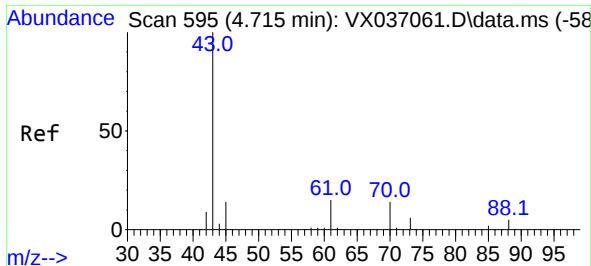
Tgt Ion:114 Resp: 198027
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 61.670 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion:113 Resp: 80880
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.0 13.3 19.9





#37

Ethyl Acetate

Concen: 1.960 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

SB-7

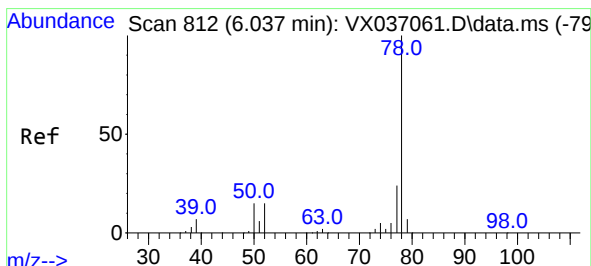
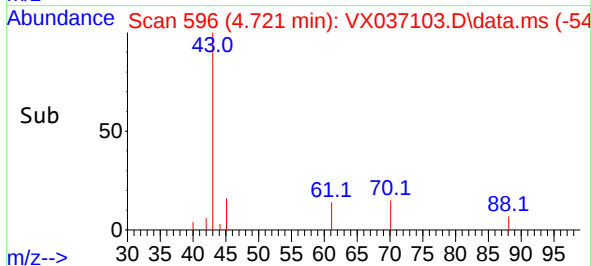
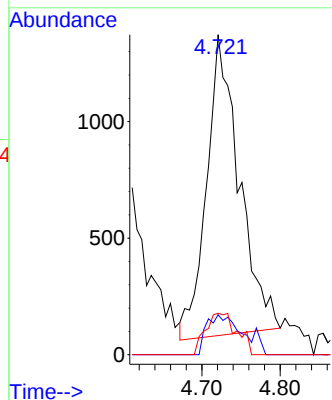
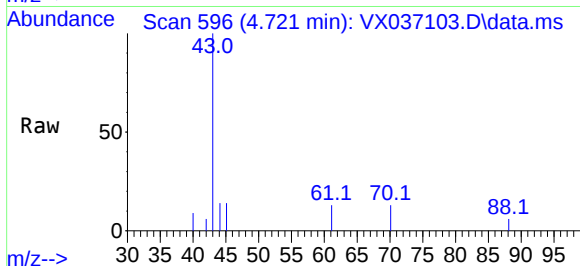
Tgt Ion: 43 Resp: 3731

Ion Ratio Lower Upper

43 100

61 14.9 10.6 16.0

70 13.3 8.3 12.5#



#40

Benzene

Concen: 13.109 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX037103.D

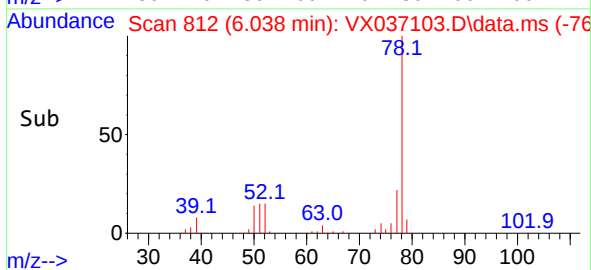
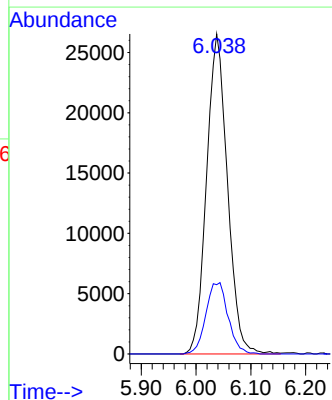
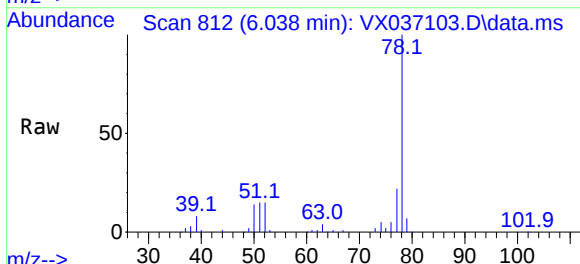
Acq: 19 Aug 2023 02:51

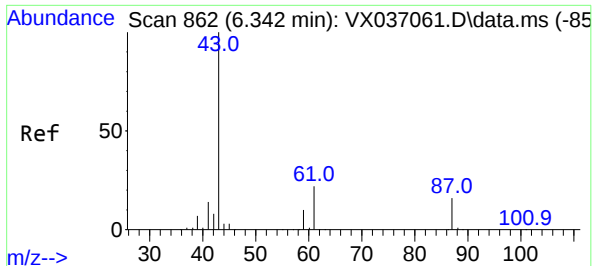
Tgt Ion: 78 Resp: 70051

Ion Ratio Lower Upper

78 100

77 21.6 19.3 28.9

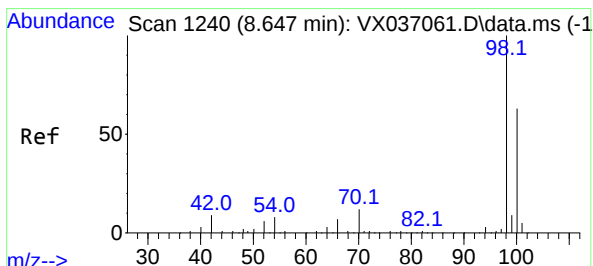
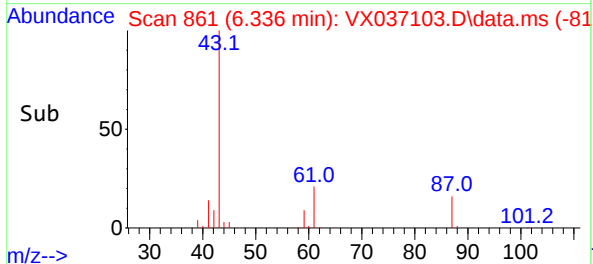
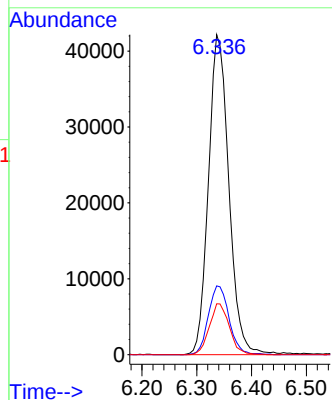
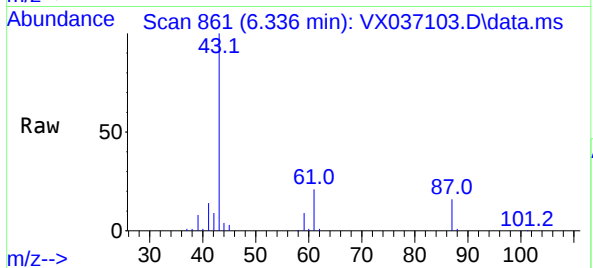




#43
Isopropyl Acetate
Concen: 36.047 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

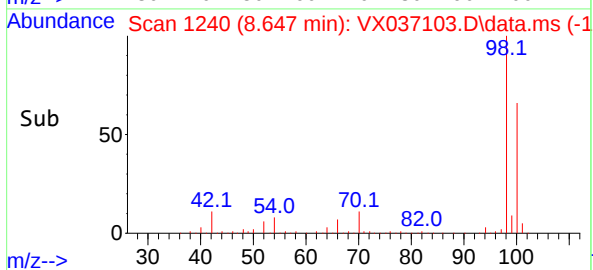
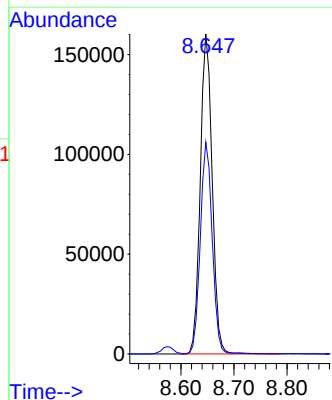
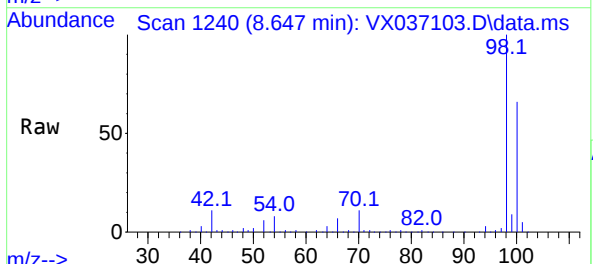
Instrument :
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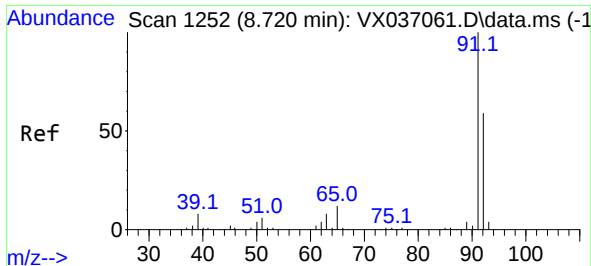
Tgt Ion: 43 Resp: 108925
Ion Ratio Lower Upper
43 100
61 21.8 15.2 22.8
87 15.6 9.8 14.6#



#50
Toluene-d8
Concen: 52.699 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 98 Resp: 250705
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





#52

Toluene

Concen: 13.550 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

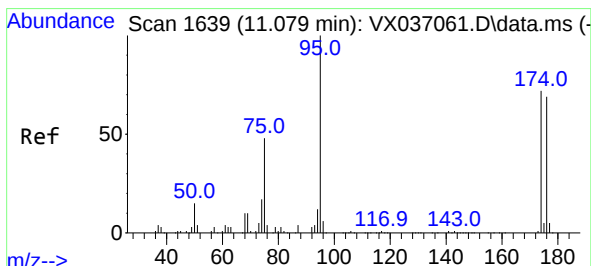
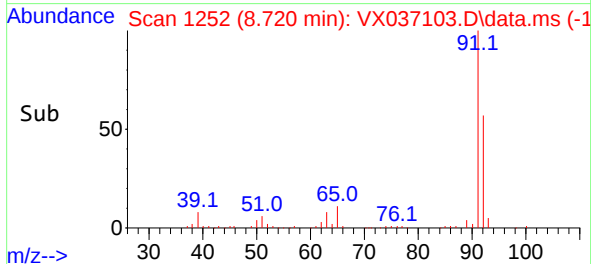
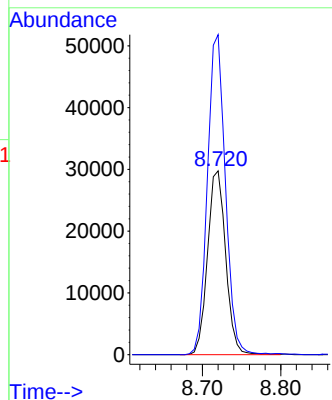
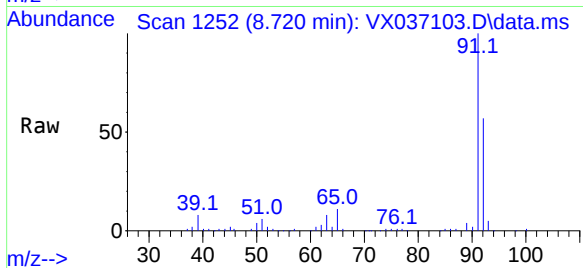
SB-7

Tgt Ion: 92 Resp: 47841

Ion Ratio Lower Upper

92 100

91 172.8 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 54.328 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

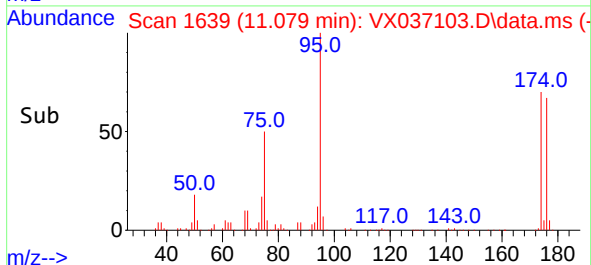
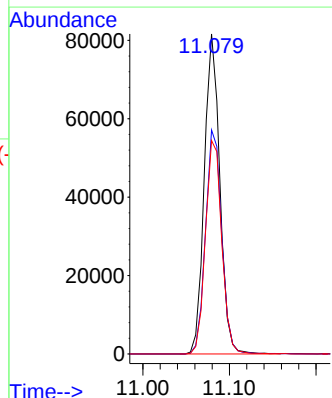
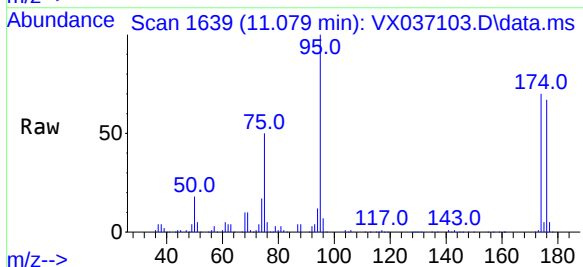
Tgt Ion: 95 Resp: 101569

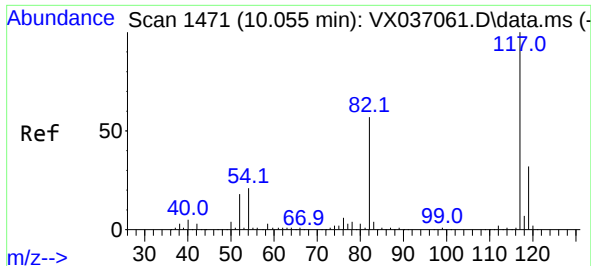
Ion Ratio Lower Upper

95 100

174 72.9 0.0 135.6

176 70.2 0.0 131.0

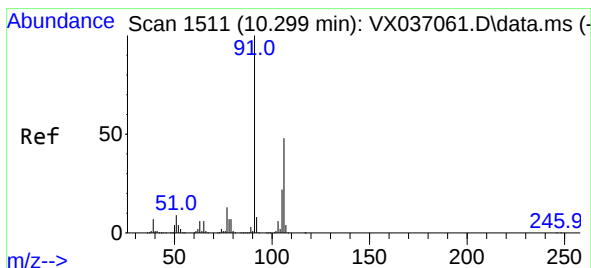
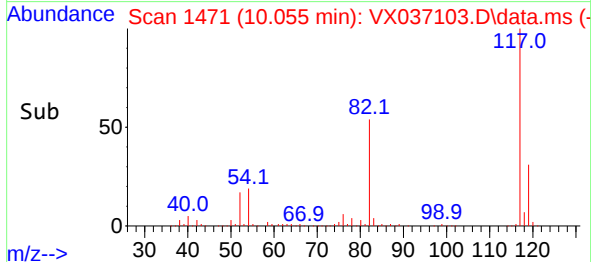
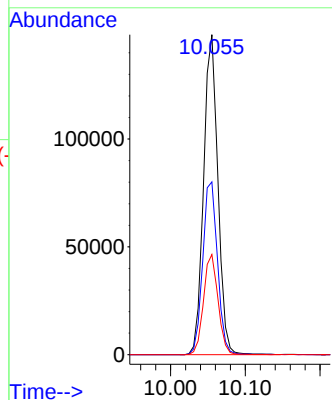
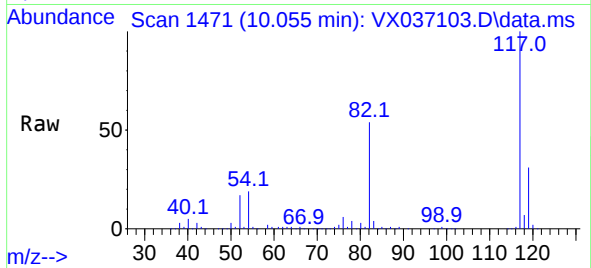




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

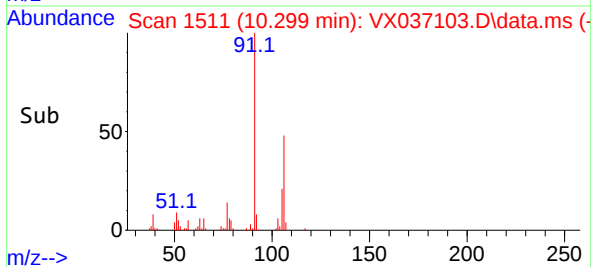
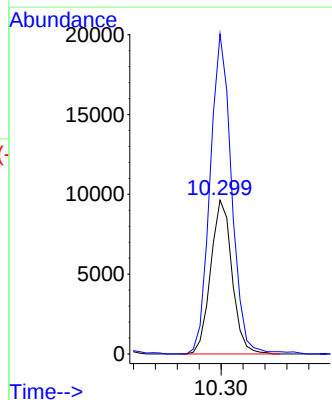
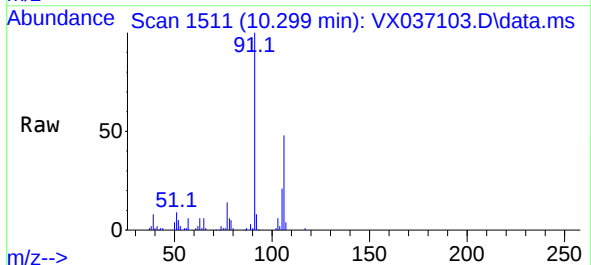
Instrument :
MSVOA_X
ClientSampleId :
SB-7

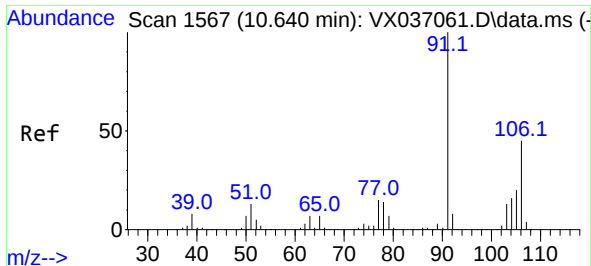
Tgt Ion:117 Resp: 197098
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 4.606 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion:106 Resp: 13038
Ion Ratio Lower Upper
106 100
91 209.6 165.5 248.3

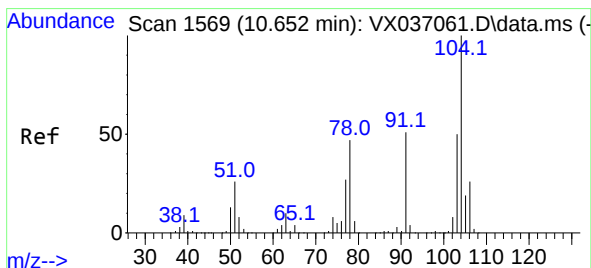
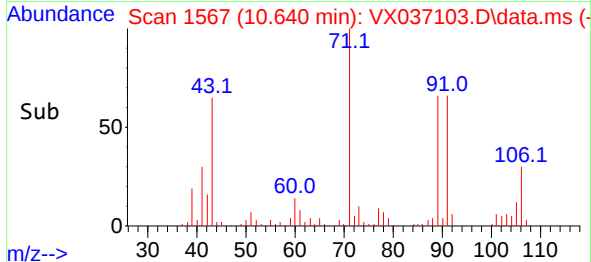
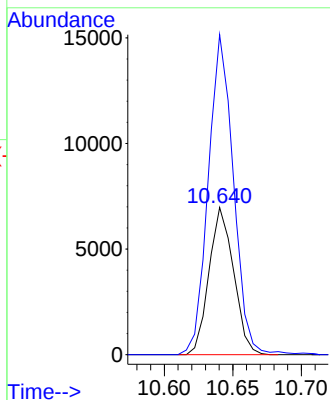
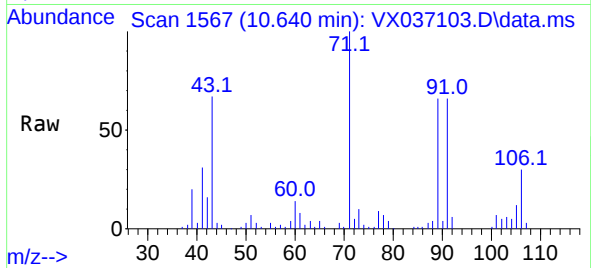




#69
o-Xylene
Concen: 3.119 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

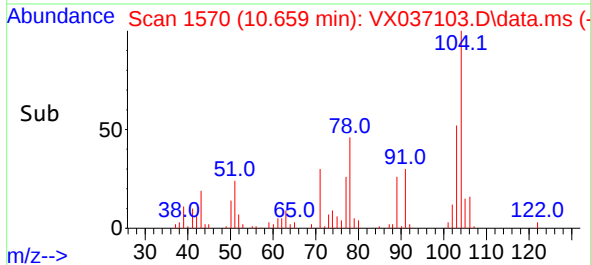
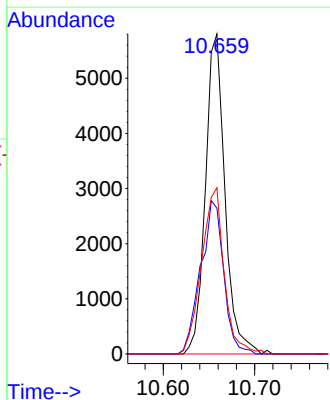
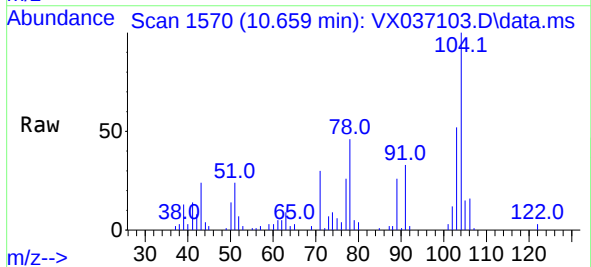
Instrument :
MSVOA_X
ClientSampleId :
SB-7

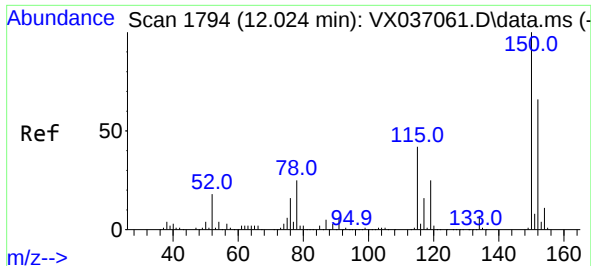
Tgt Ion:106 Resp: 8710
Ion Ratio Lower Upper
106 100
91 222.6 108.9 326.8



#70
Styrene
Concen: 1.871 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion:104 Resp: 8609
Ion Ratio Lower Upper
104 100
78 56.4 43.6 65.4
103 60.5 43.6 65.4

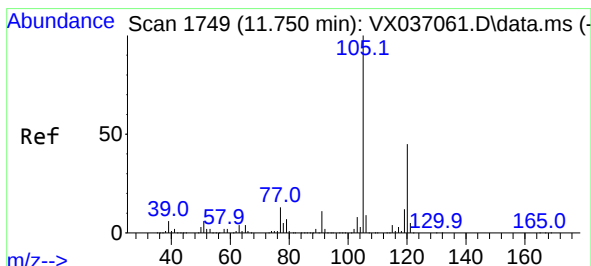
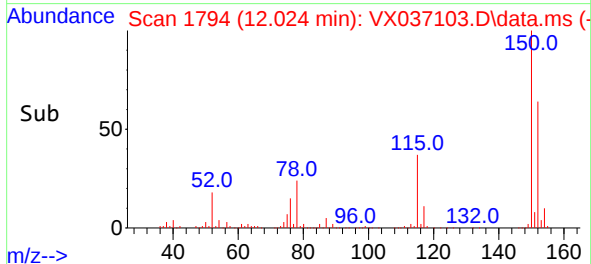
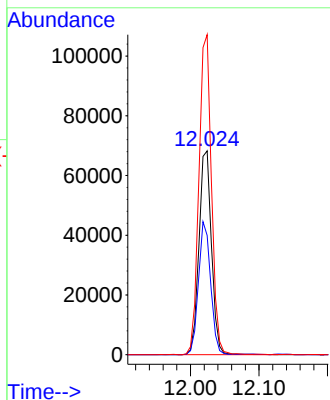
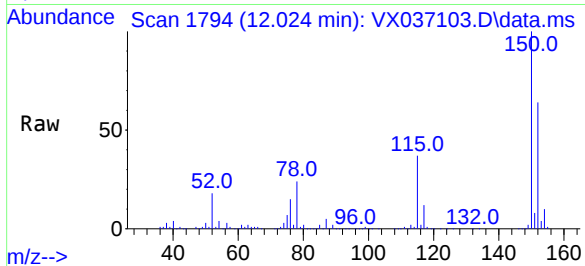




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

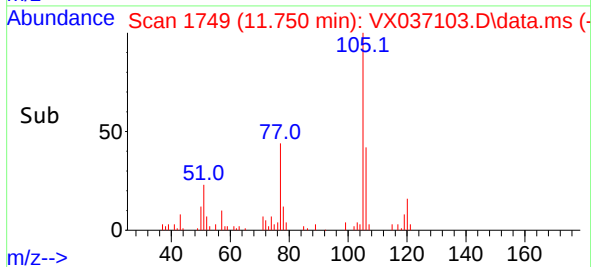
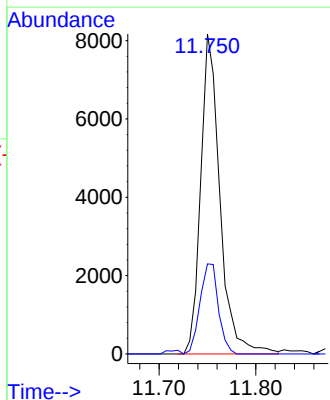
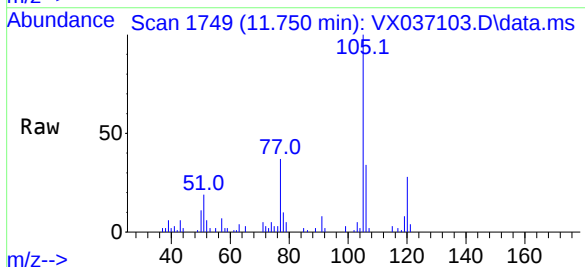
Instrument :
MSVOA_X
ClientSampleId :
SB-7

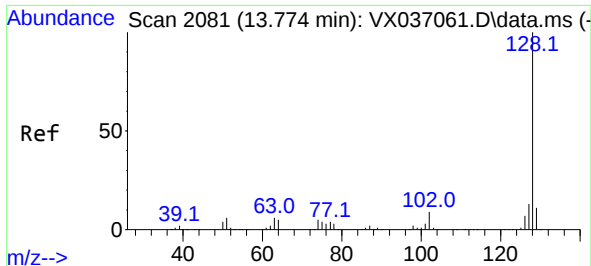
Tgt Ion:152 Resp: 86927
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 157.3 0.0 345.0



#84
1,2,4-Trimethylbenzene
Concen: 2.122 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion:105 Resp: 11304
Ion Ratio Lower Upper
105 100
120 26.9 21.2 63.6





#95
Naphthalene
Concen: 30.434 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Instrument :
MSVOA_X
ClientSampleId :
SB-7

Tgt Ion:128 Resp: 220672
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.8 13.2

