

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037538.D
 Acq On : 06 Sep 2023 07:35
 Operator : JC/MD
 Sample : 04285-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 830

Quant Time: Sep 06 08:08:56 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)

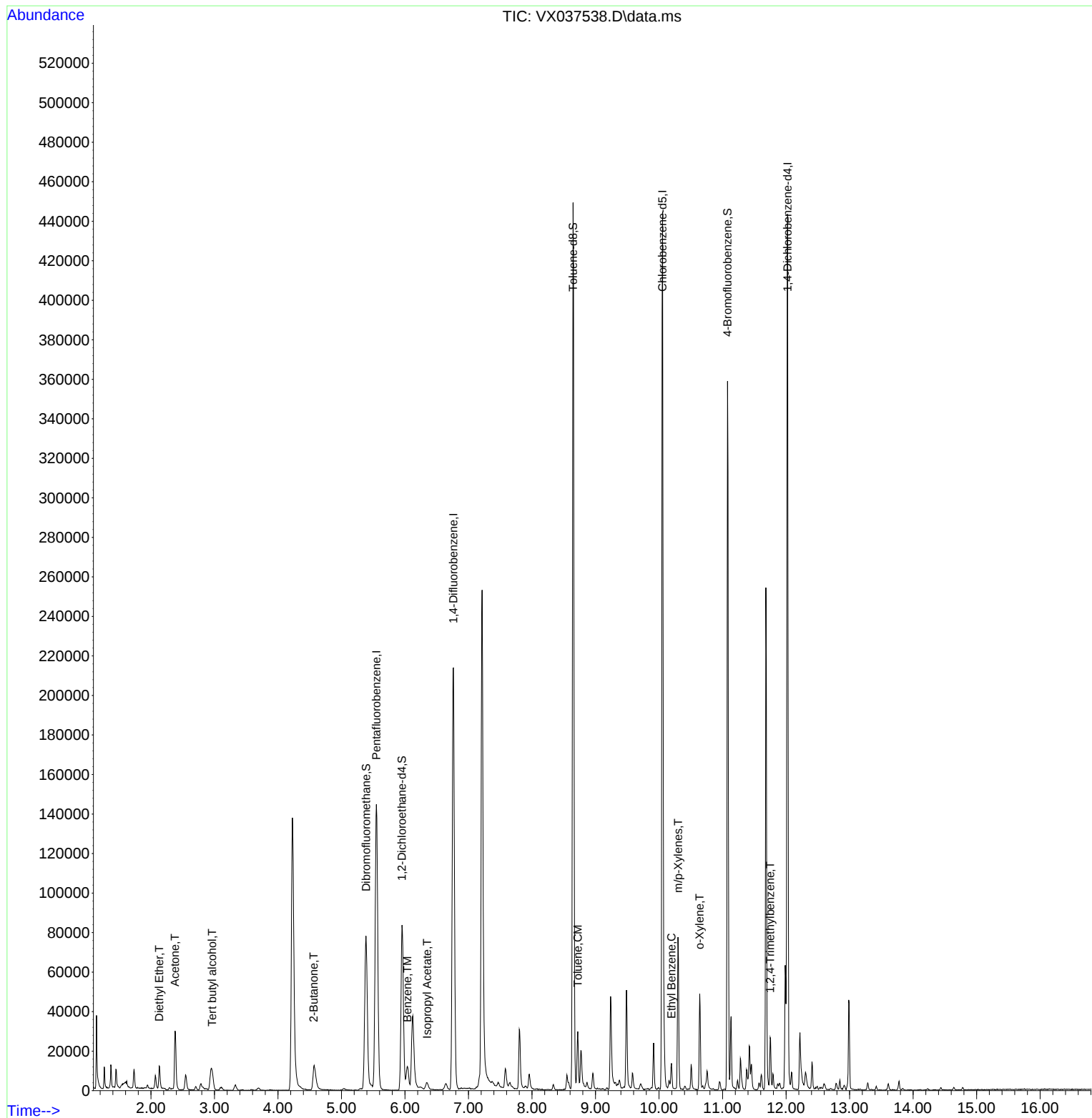
Internal Standards						
1) Pentafluorobenzene	5.550	168	141170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81972	40.277	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.560%
35) Dibromofluoromethane	5.385	113	70797	45.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.060%
50) Toluene-d8	8.647	98	276455	49.010	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	101124	45.619	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.130	74	4145	4.188	ug/l	74
11) Tert butyl alcohol	2.965	59	13650	28.591	ug/l	97
16) Acetone	2.380	43	31652	39.754	ug/l #	88
25) 2-Butanone	4.562	43	16757	13.978	ug/l #	89
40) Benzene	6.038	78	15678	2.474	ug/l	97
43) Isopropyl Acetate	6.348	43	4615	1.288	ug/l	99
52) Toluene	8.720	92	11519	2.751	ug/l	99
67) Ethyl Benzene	10.195	91	7904	1.014	ug/l	95
68) m/p-Xylenes	10.299	106	18201	6.046	ug/l	99
69) o-Xylene	10.640	106	10584	3.564	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	12190	2.042	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
Data File : VX037538.D
Acq On : 06 Sep 2023 07:35
Operator : JC/MD
Sample : 04285-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
830

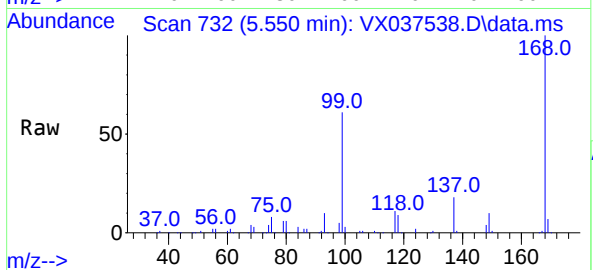
Quant Time: Sep 06 08:08:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



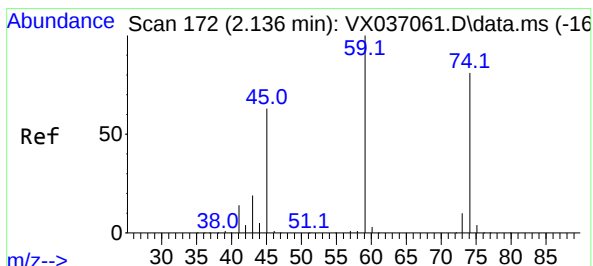
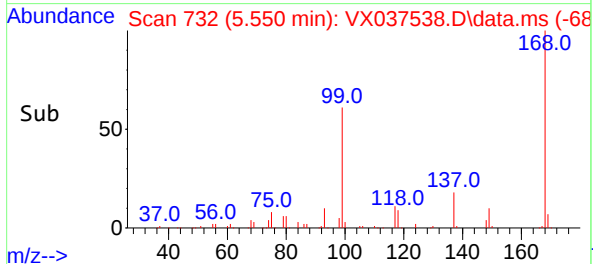
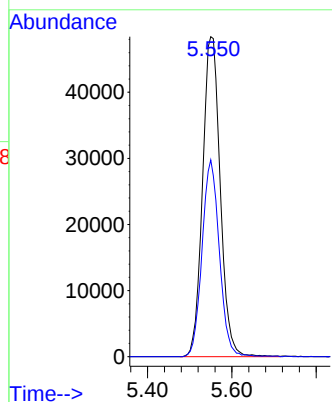


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

Instrument :
MSVOA_X
ClientSampleId :
830

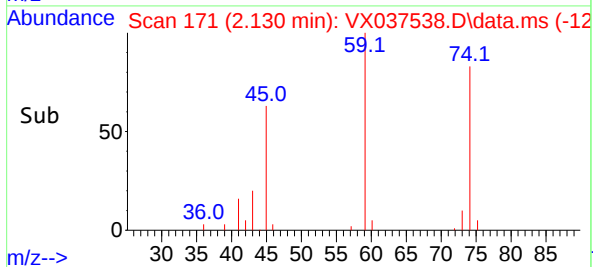
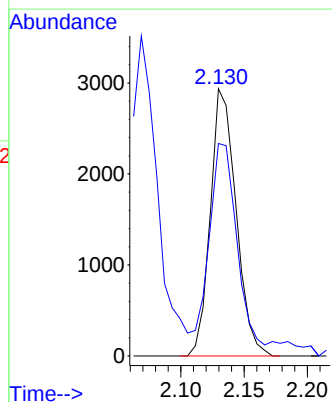
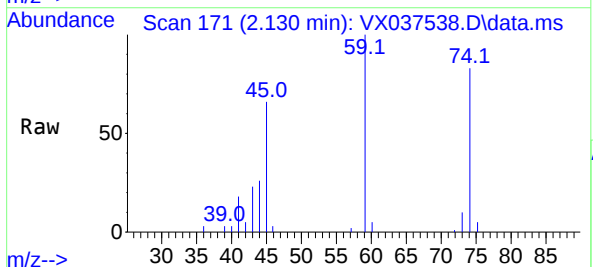


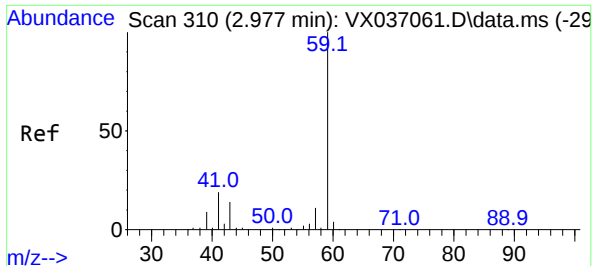
Tgt Ion:168 Resp: 141170
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#8
Diethyl Ether
Concen: 4.188 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

Tgt Ion: 74 Resp: 4145
Ion Ratio Lower Upper
74 100
45 79.5 53.3 159.8





#11

Tert butyl alcohol

Concen: 28.591 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX037538.D

Acq: 06 Sep 2023 07:35

Instrument :

MSVOA_X

ClientSampleId :

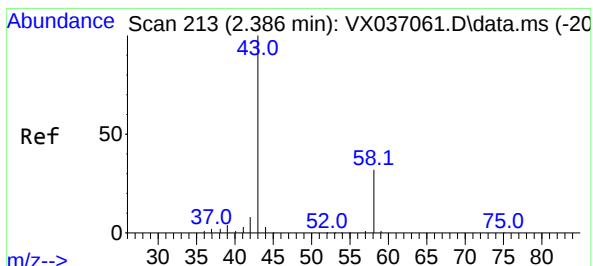
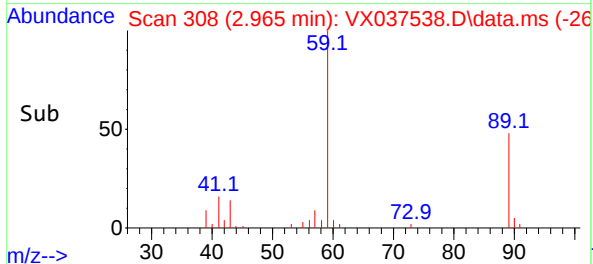
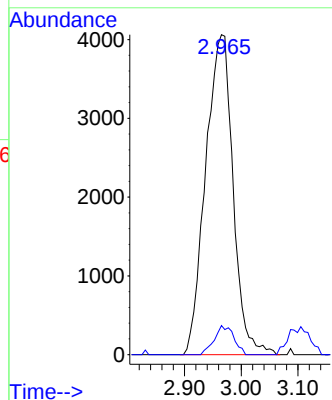
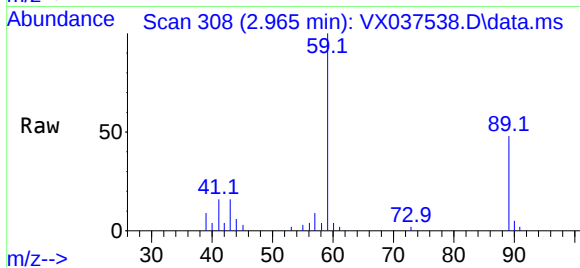
830

Tgt Ion: 59 Resp: 13650

Ion Ratio Lower Upper

59 100

57 6.5 6.0 9.0



#16

Acetone

Concen: 39.754 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037538.D

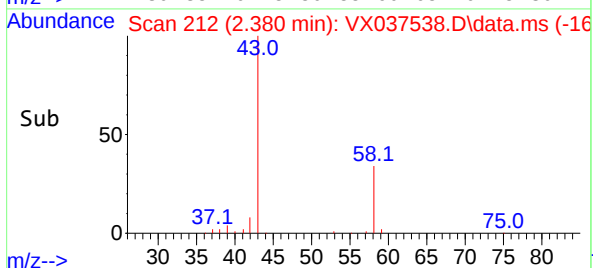
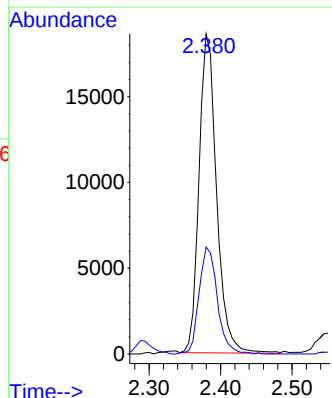
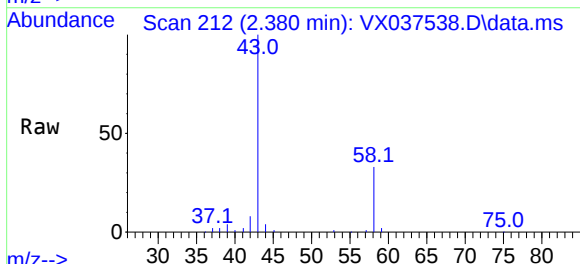
Acq: 06 Sep 2023 07:35

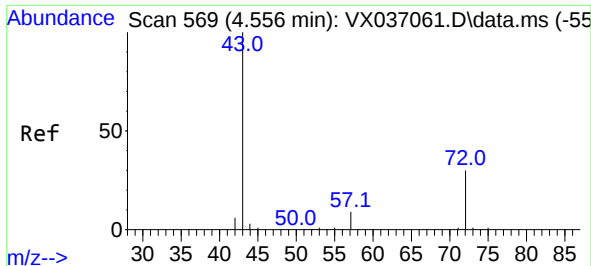
Tgt Ion: 43 Resp: 31652

Ion Ratio Lower Upper

43 100

58 33.5 21.9 32.9#

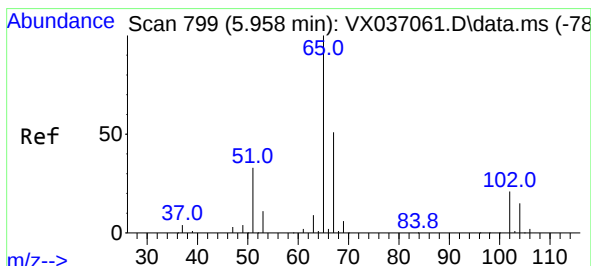
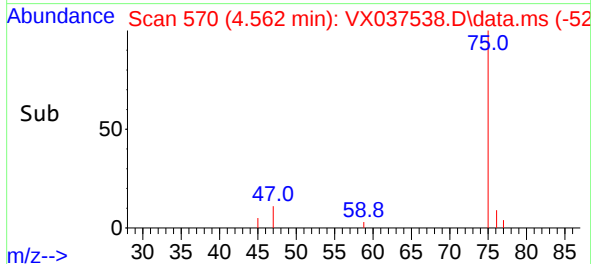
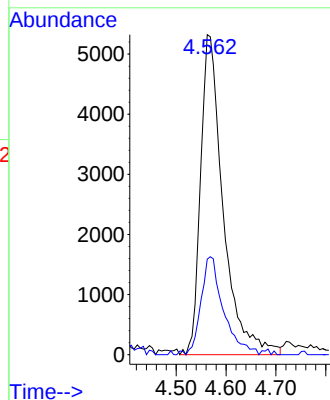
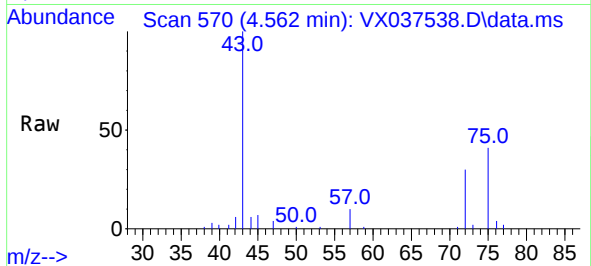




#25
2-Butanone
Concen: 13.978 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

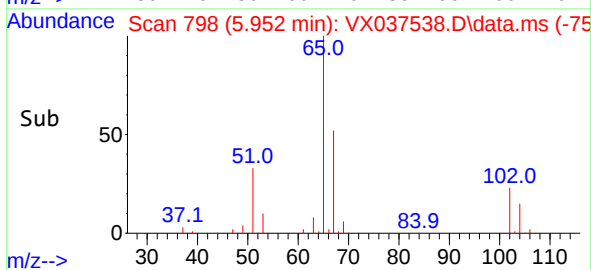
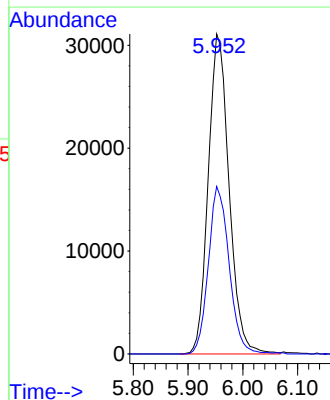
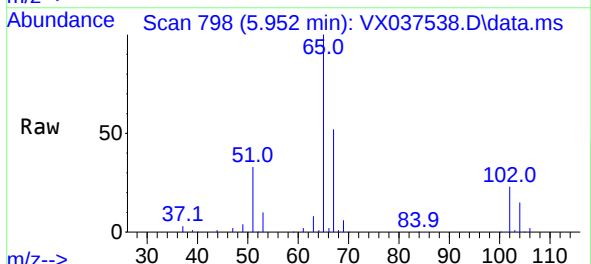
Instrument :
MSVOA_X
ClientSampleId :
830

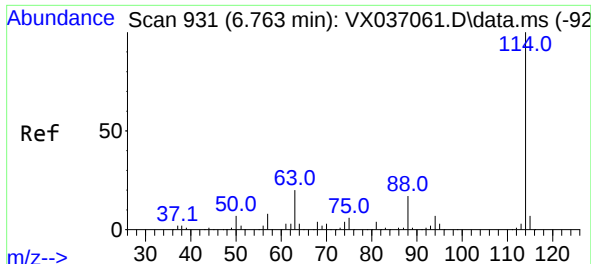
Tgt Ion: 43 Resp: 16757
Ion Ratio Lower Upper
43 100
72 29.9 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 40.277 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

Tgt Ion: 65 Resp: 81972
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

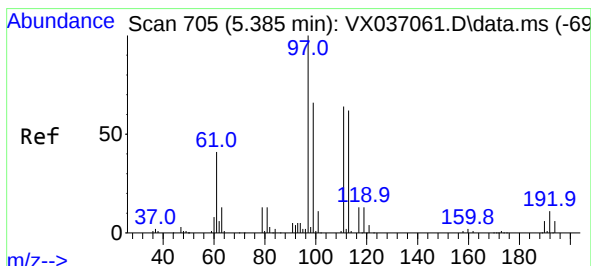
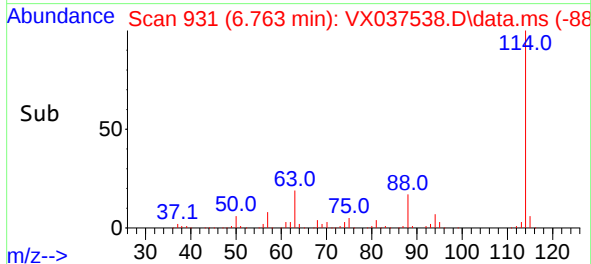
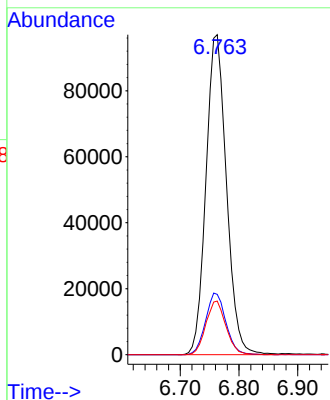
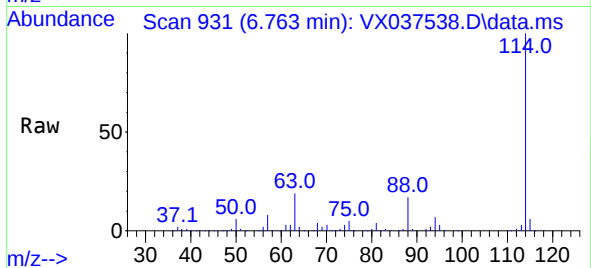




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

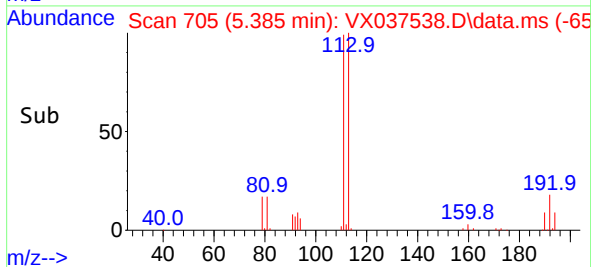
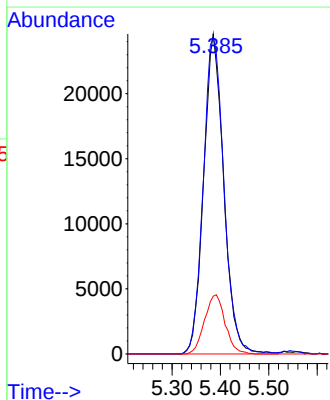
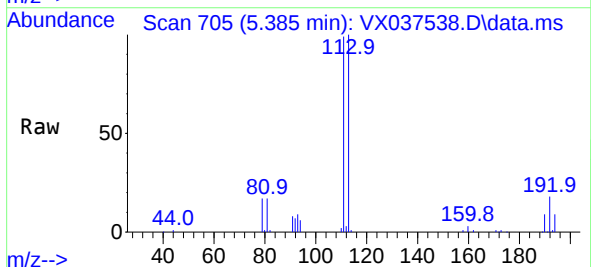
Instrument :
MSVOA_X
ClientSampleId :
830

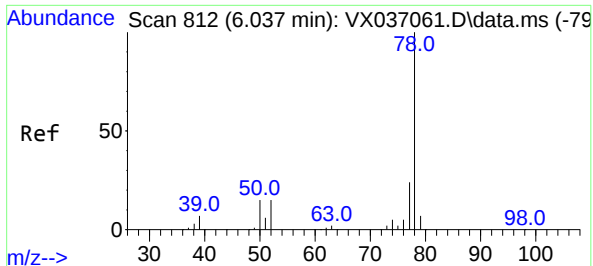
Tgt Ion:114 Resp: 234803
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.527 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

Tgt Ion:113 Resp: 70797
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 19.0 13.3 19.9

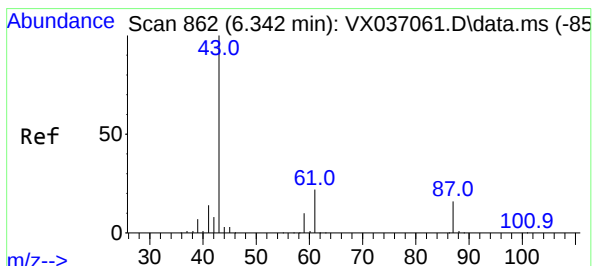
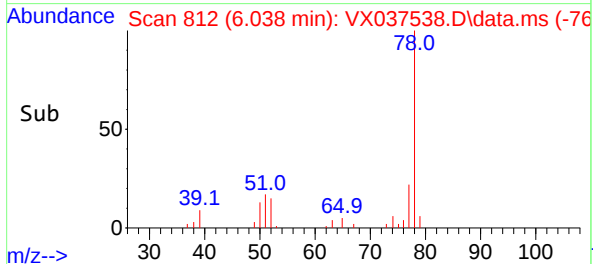
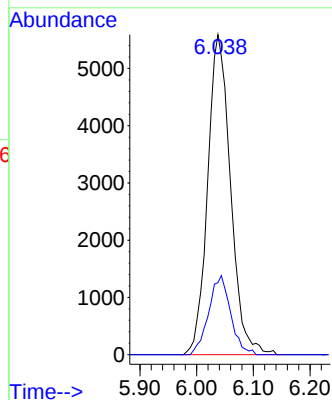
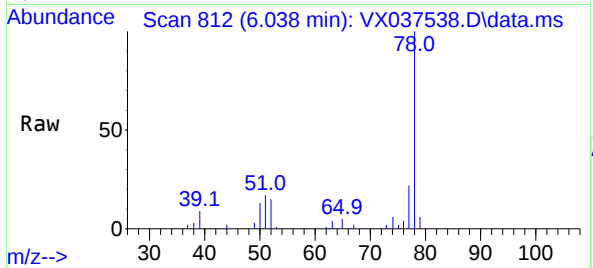




#40
Benzene
Concen: 2.474 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

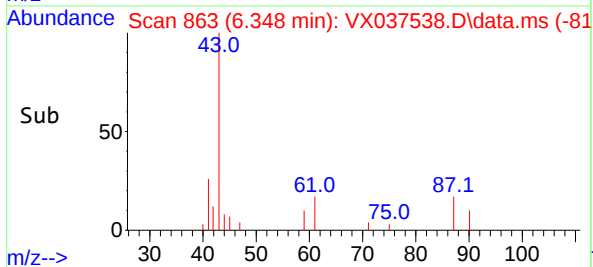
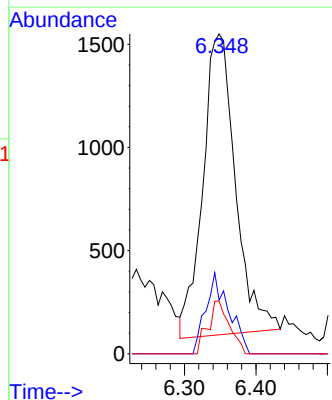
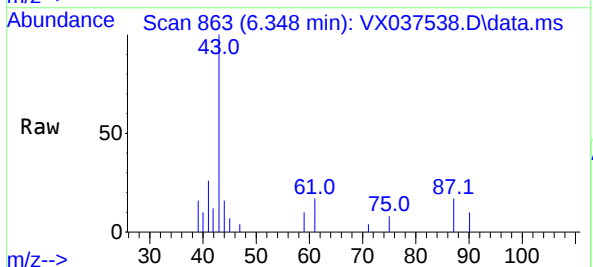
Instrument :
MSVOA_X
ClientSampleId :
830

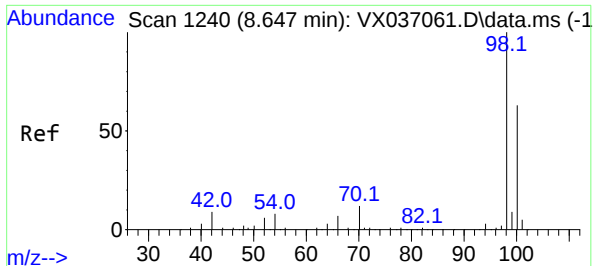
Tgt Ion: 78 Resp: 15678
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9



#43
Isopropyl Acetate
Concen: 1.288 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

Tgt Ion: 43 Resp: 4615
Ion Ratio Lower Upper
43 100
61 19.2 15.2 22.8
87 11.6 9.8 14.6

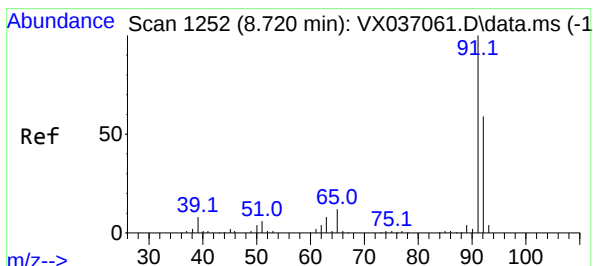
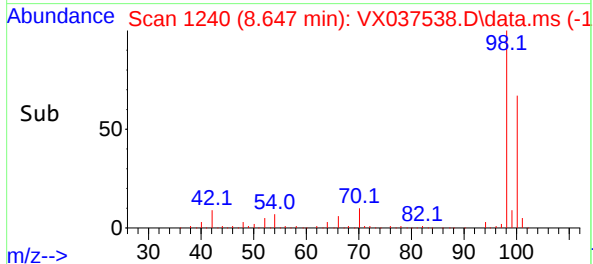
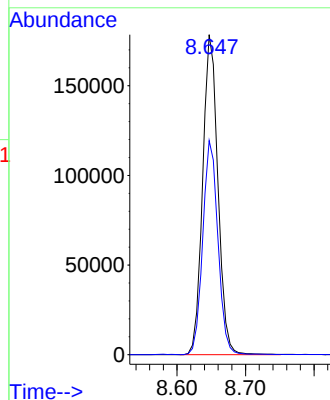
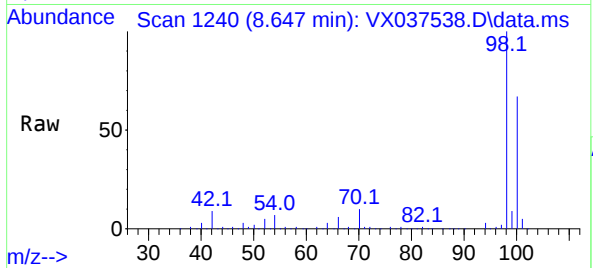




#50
Toluene-d8
Concen: 49.010 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

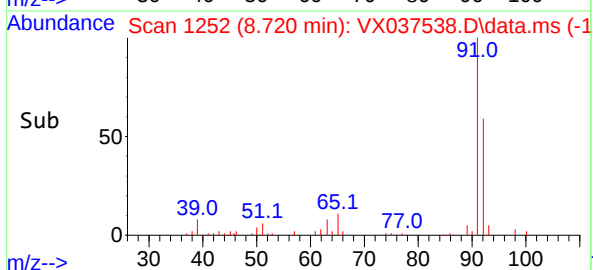
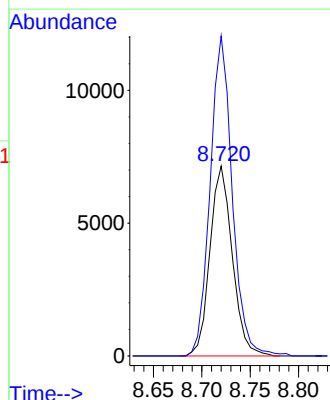
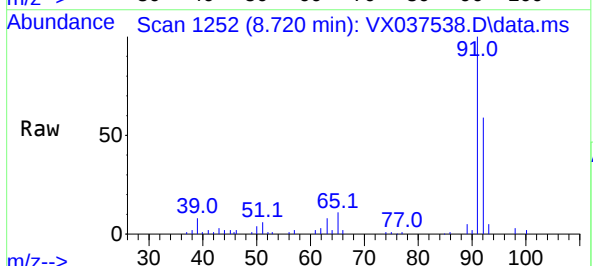
Instrument :
MSVOA_X
ClientSampleId :
830

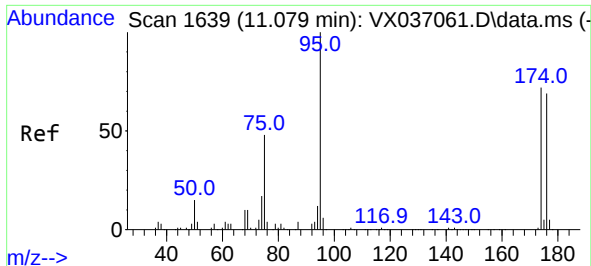
Tgt Ion: 98 Resp: 276455
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#52
Toluene
Concen: 2.751 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

Tgt Ion: 92 Resp: 11519
Ion Ratio Lower Upper
92 100
91 166.6 134.2 201.2

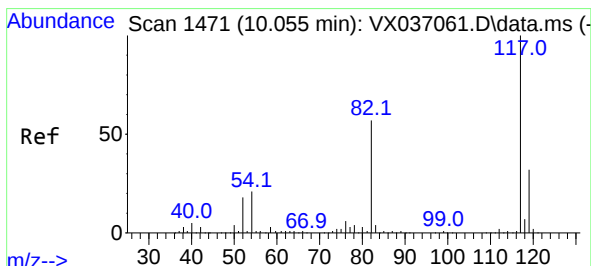
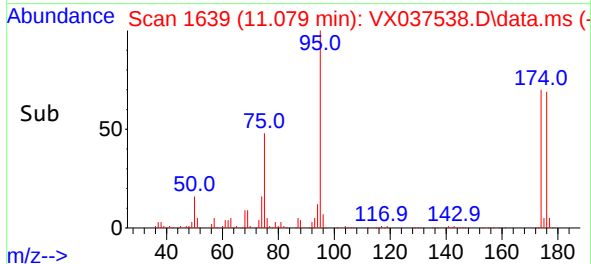
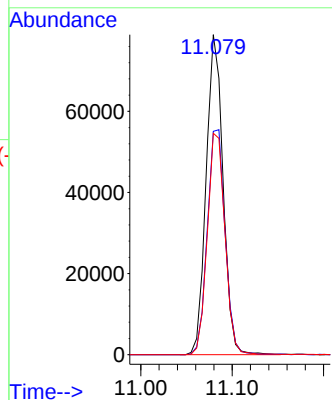
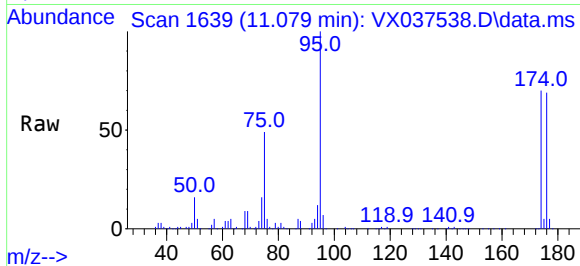




#62
4-Bromofluorobenzene
Concen: 45.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

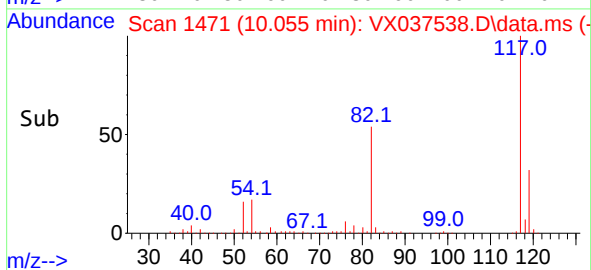
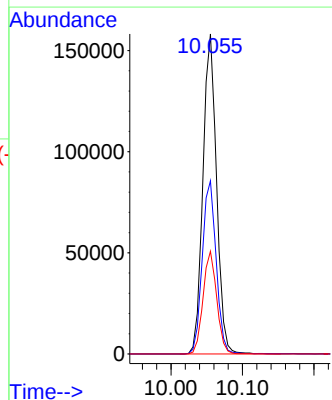
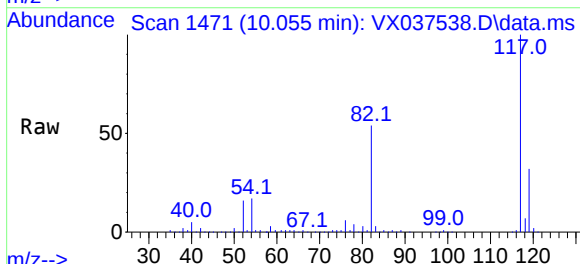
Instrument :
MSVOA_X
ClientSampleId :
830

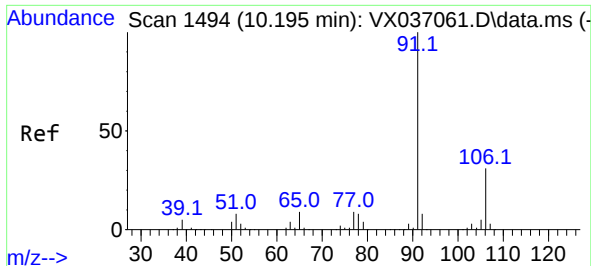
Tgt Ion: 95 Resp: 101124
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 72.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

Tgt Ion: 117 Resp: 209599
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.1 25.5 38.3

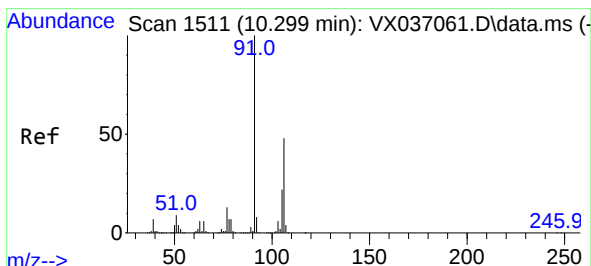
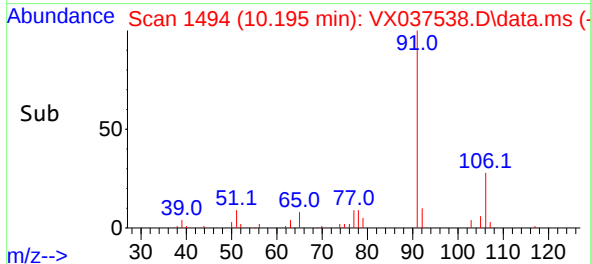
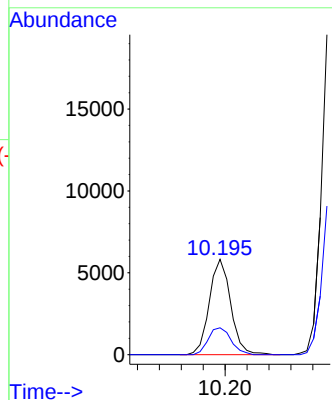
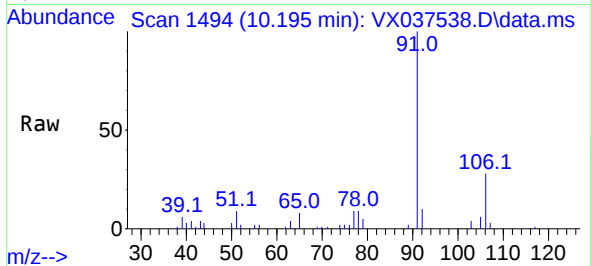




#67
Ethyl Benzene
Concen: 1.014 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

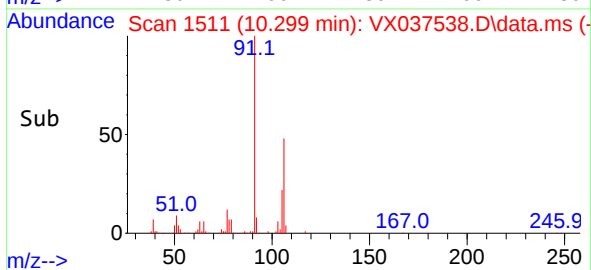
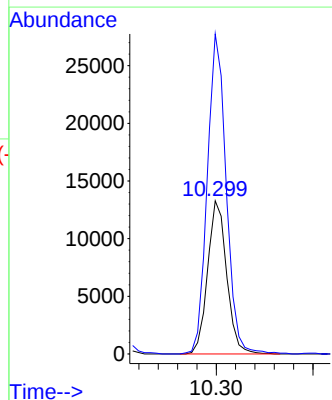
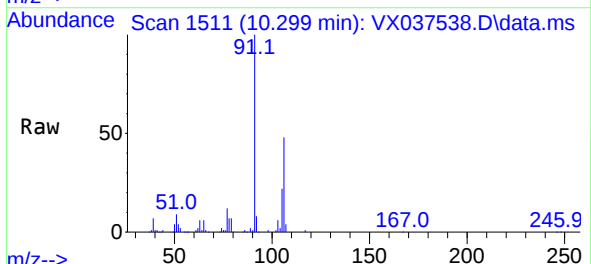
Instrument :
MSVOA_X
ClientSampleId :
830

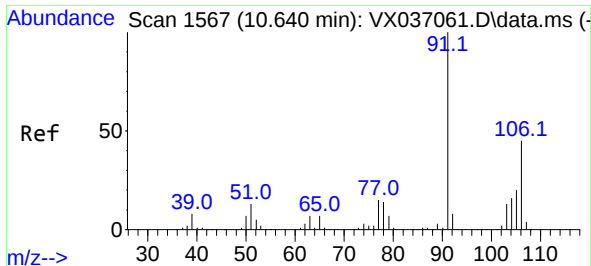
Tgt Ion: 91 Resp: 7904
Ion Ratio Lower Upper
91 100
106 28.1 24.9 37.3



#68
m/p-Xylenes
Concen: 6.046 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037538.D
Acq: 06 Sep 2023 07:35

Tgt Ion: 106 Resp: 18201
Ion Ratio Lower Upper
106 100
91 207.8 165.5 248.3





#69

o-Xylene

Concen: 3.564 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037538.D

Acq: 06 Sep 2023 07:35

Instrument :

MSVOA_X

ClientSampleId :

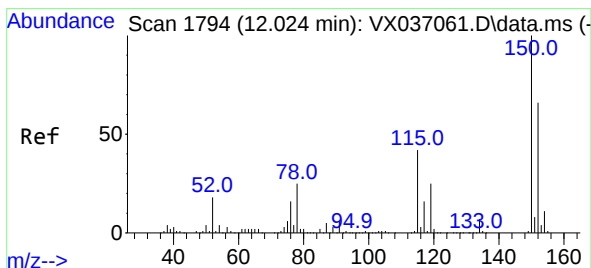
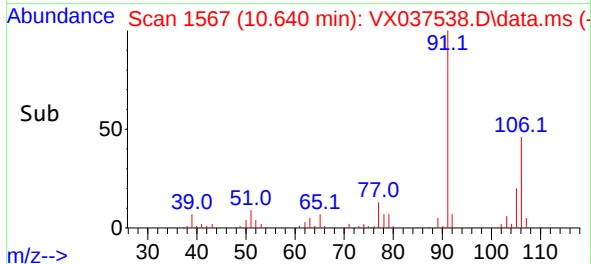
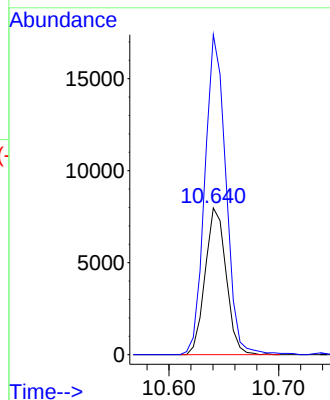
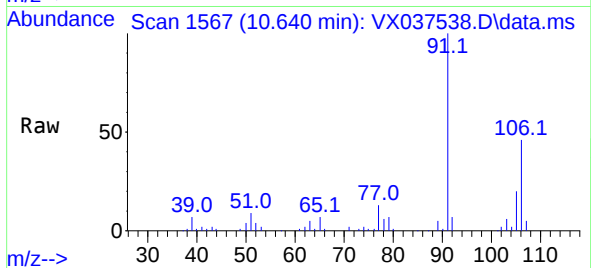
830

Tgt Ion:106 Resp: 10584

Ion Ratio Lower Upper

106 100

91 219.5 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037538.D

Acq: 06 Sep 2023 07:35

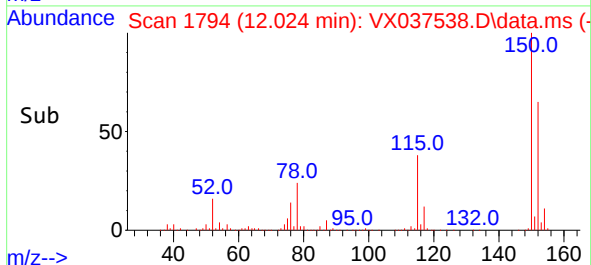
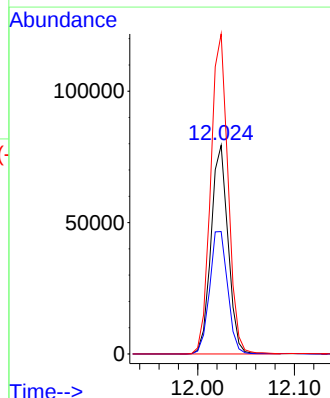
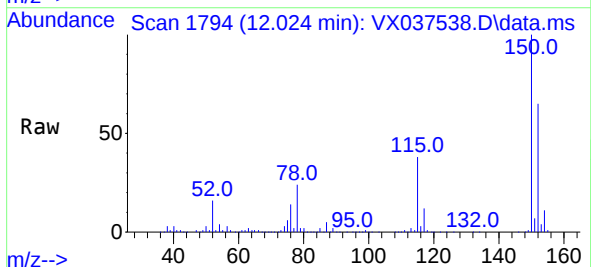
Tgt Ion:152 Resp: 97410

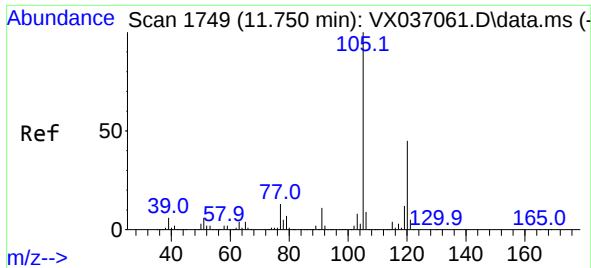
Ion Ratio Lower Upper

152 100

115 61.8 43.3 129.9

150 156.2 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 2.042 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037538.D

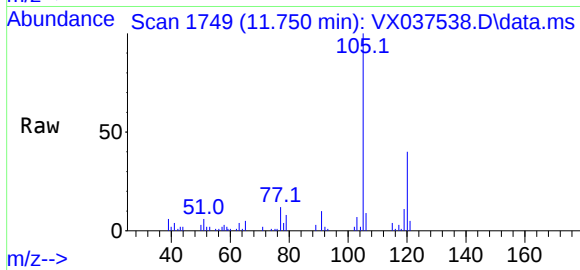
Acq: 06 Sep 2023 07:35

Instrument :

MSVOA_X

ClientSampleId :

830



Tgt Ion:105 Resp: 12190

Ion Ratio Lower Upper

105 100

120 43.4 21.2 63.6

