

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038817.D
 Acq On : 14 Nov 2023 19:26
 Operator : JC/MD
 Sample : 05382-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-15

Quant Time: Nov 15 14:47:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

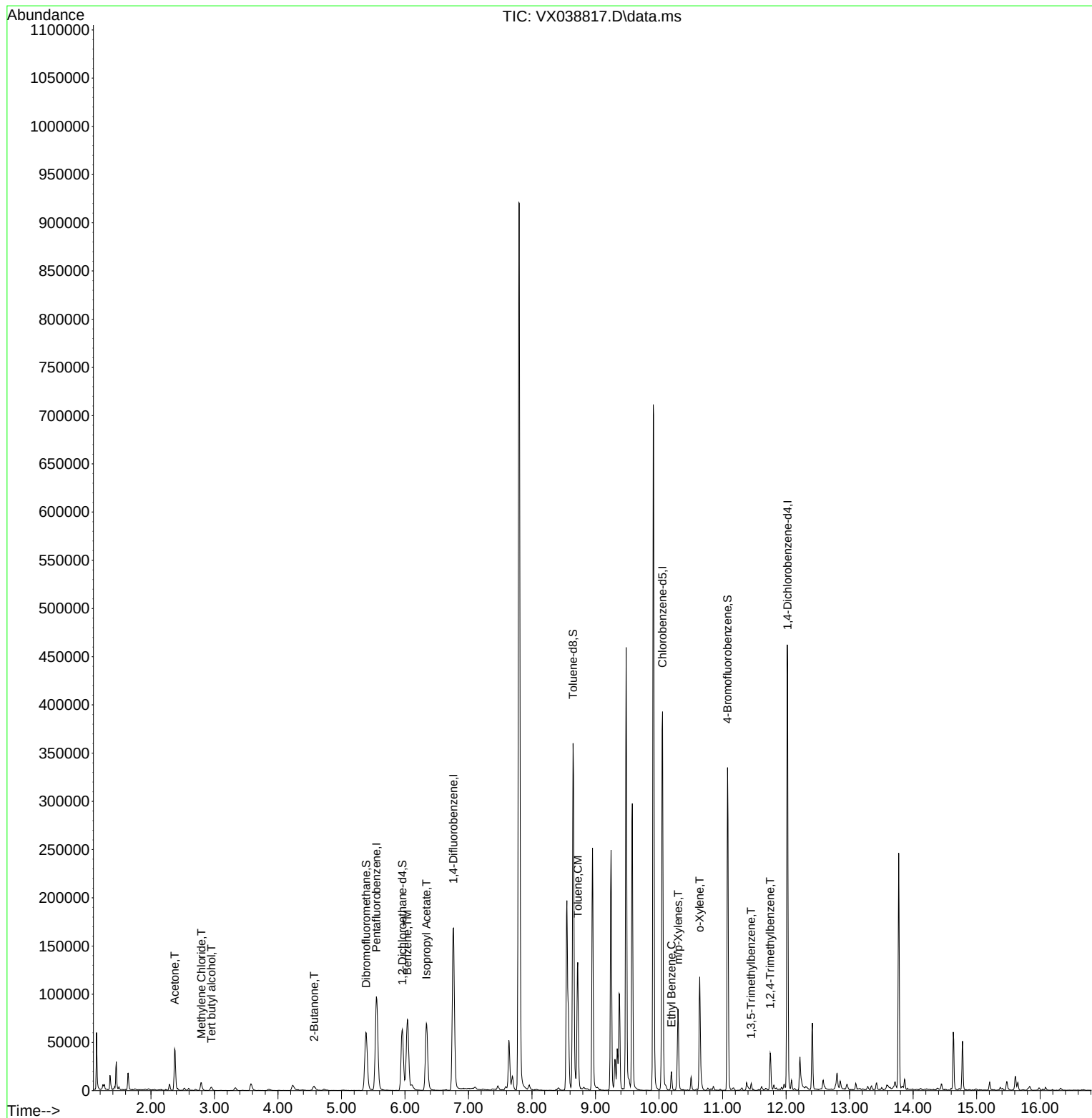
Internal Standards						
1) Pentafluorobenzene	5.550	168	95094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62150	45.939	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.880%
35) Dibromofluoromethane	5.385	113	56498	44.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.080%
50) Toluene-d8	8.647	98	224723	47.293	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.580%
62) 4-Bromofluorobenzene	11.079	95	103956	52.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	3669	10.613	ug/l	98
16) Acetone	2.374	43	44716	61.683	ug/l #	88
20) Methylene Chloride	2.794	84	4144	3.056	ug/l #	80
25) 2-Butanone	4.568	43	6898	6.403	ug/l	94
40) Benzene	6.038	78	94698	18.082	ug/l	97
43) Isopropyl Acetate	6.336	43	97760	31.381	ug/l #	93
52) Toluene	8.720	92	51787	16.006	ug/l	96
67) Ethyl Benzene	10.195	91	11526	1.680	ug/l	92
68) m/p-Xylenes	10.299	106	20531	7.846	ug/l	94
69) o-Xylene	10.640	106	12818	5.048	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3613	0.610	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	15494	2.607	ug/l	73

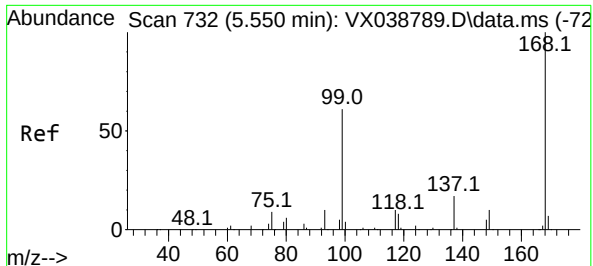
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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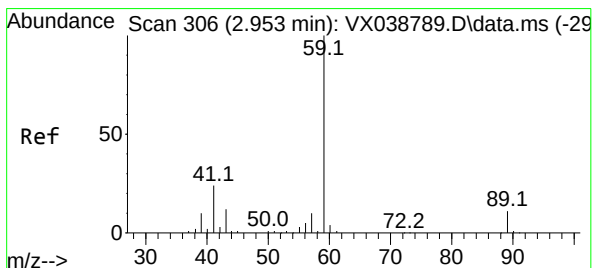
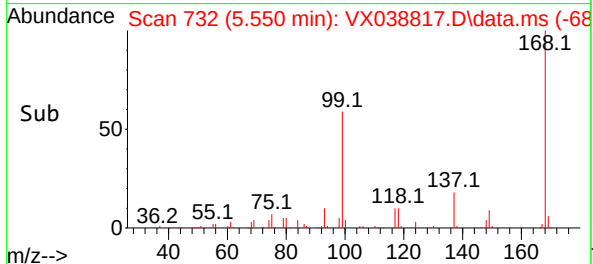
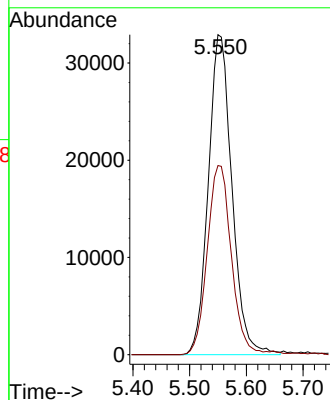
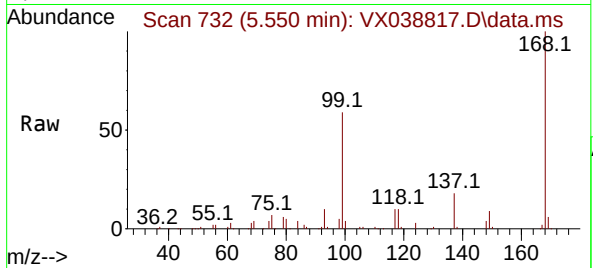




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

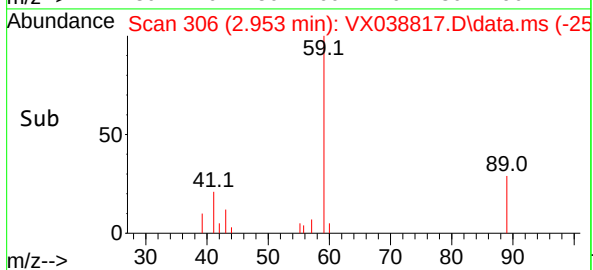
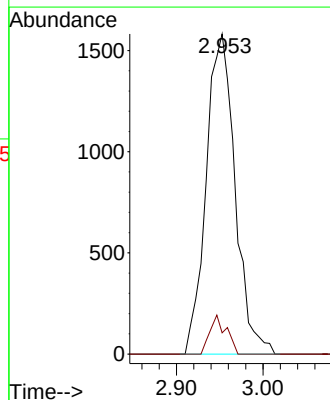
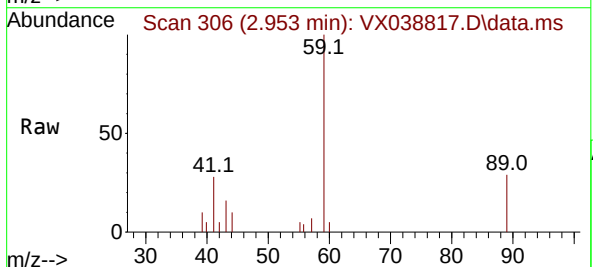
Instrument :
MSVOA_X
ClientSampleId :
S-15

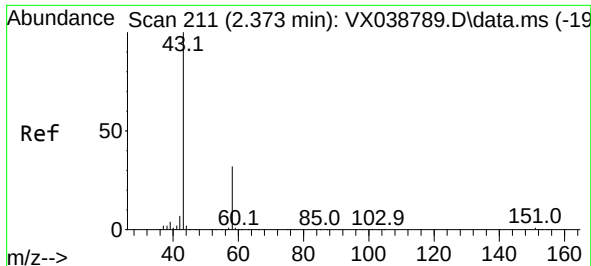
Tgt Ion:168 Resp: 95094
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 10.613 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

Tgt Ion: 59 Resp: 3669
Ion Ratio Lower Upper
59 100
57 6.9 6.0 9.0





#16

Acetone

Concen: 61.683 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX038817.D

Acq: 14 Nov 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

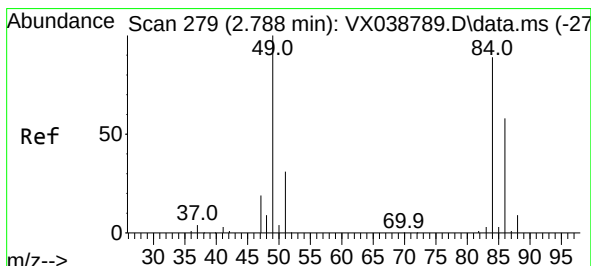
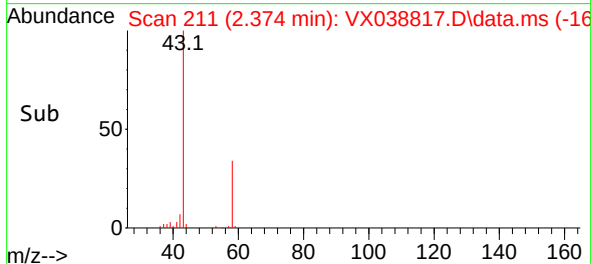
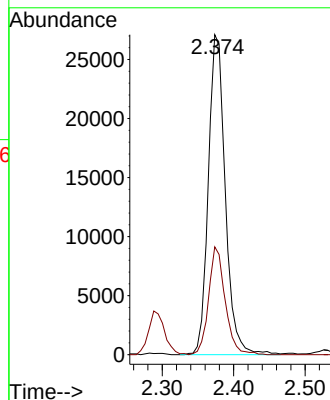
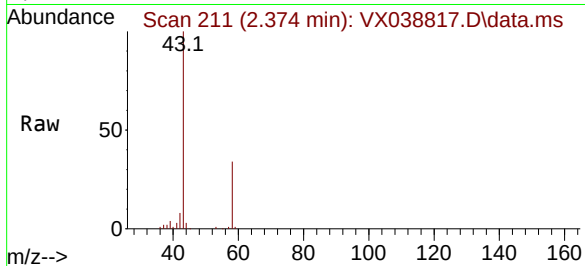
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Tgt Ion: 43 Resp: 44716

Ion Ratio Lower Upper

43 100

58 33.7 21.9 32.9#



#20

Methylene Chloride

Concen: 3.056 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038817.D

Acq: 14 Nov 2023 19:26

Tgt Ion: 84 Resp: 4144

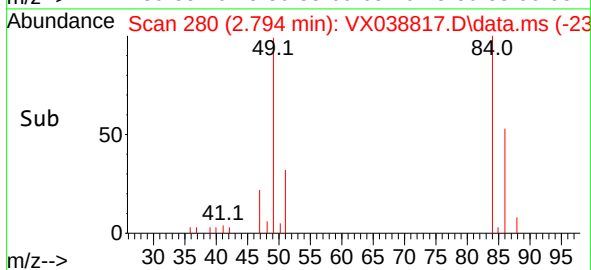
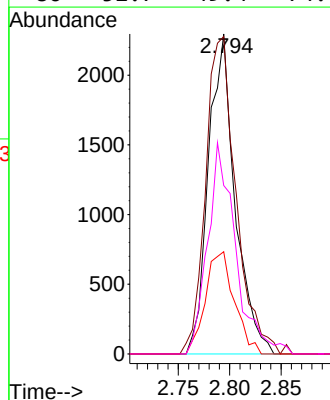
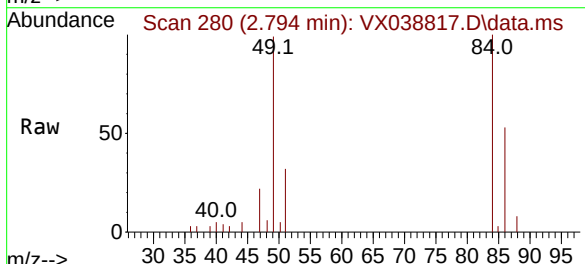
Ion Ratio Lower Upper

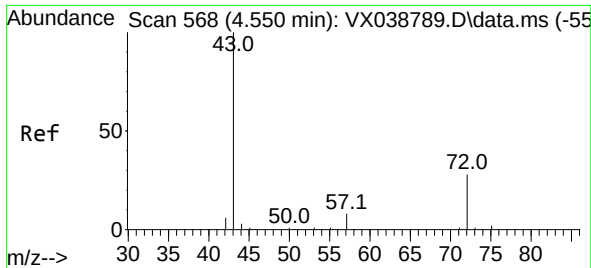
84 100

49 99.2 103.6 155.4#

51 32.0 33.8 50.6#

86 52.7 49.4 74.0

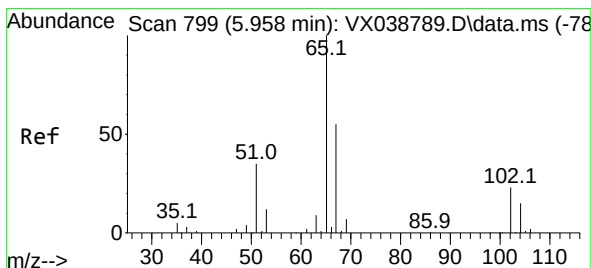
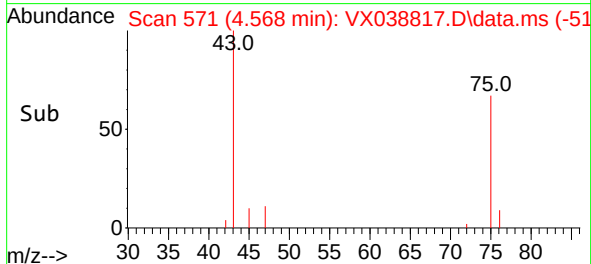
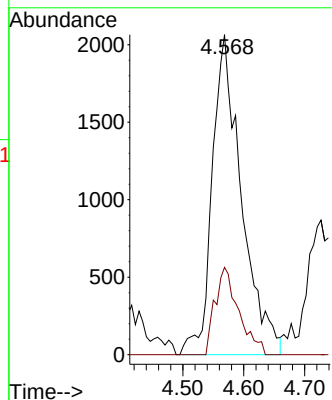
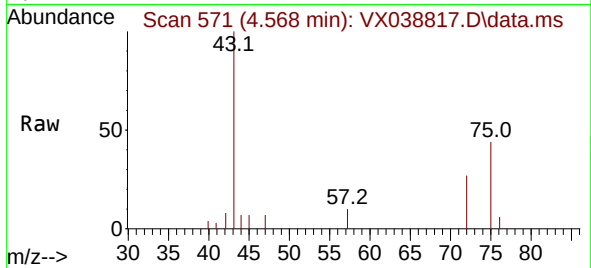




#25
2-Butanone
Concen: 6.403 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

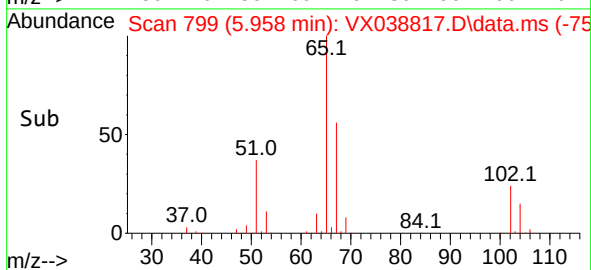
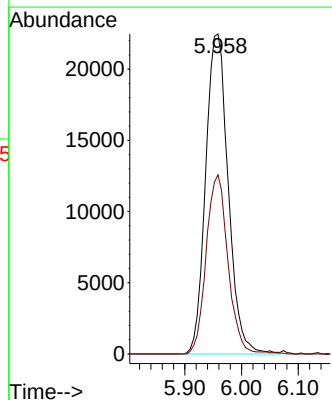
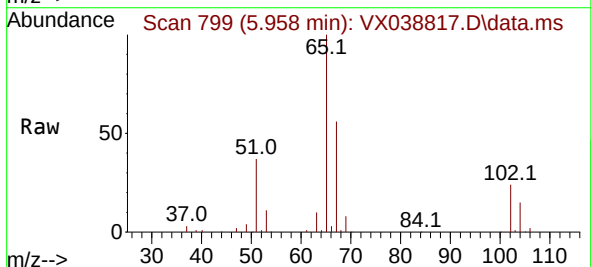
Instrument :
MSVOA_X
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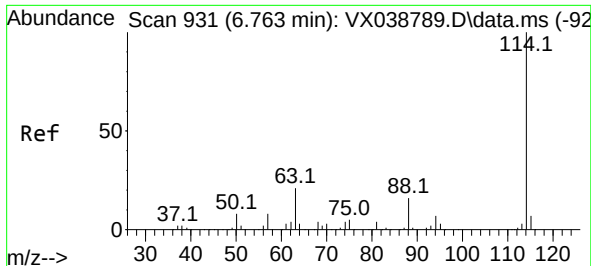
Tgt Ion: 43 Resp: 6898
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 45.939 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

Tgt Ion: 65 Resp: 62150
Ion Ratio Lower Upper
65 100
67 54.1 0.0 100.2

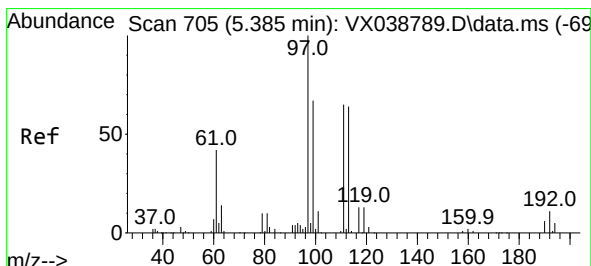
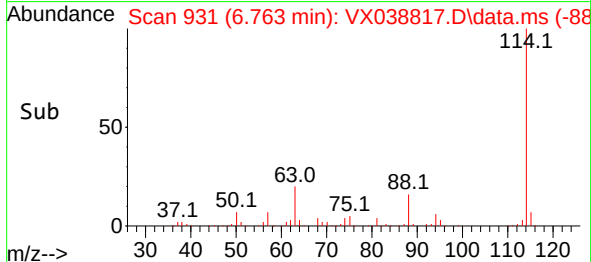
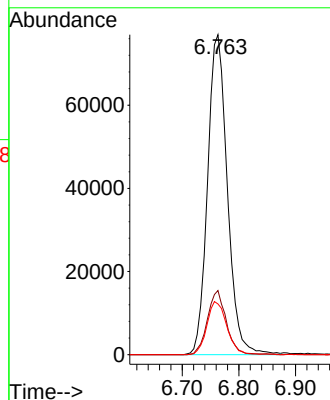
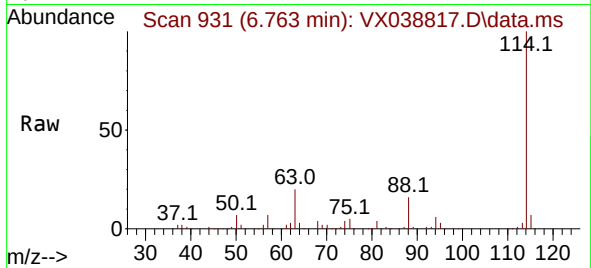




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

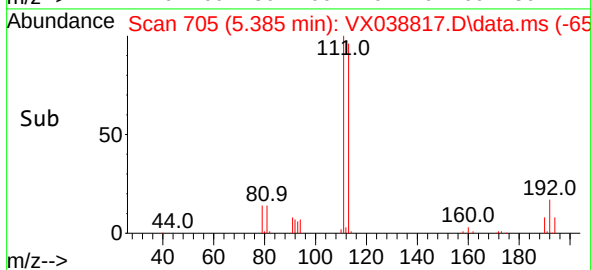
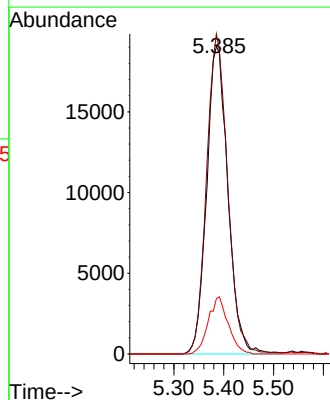
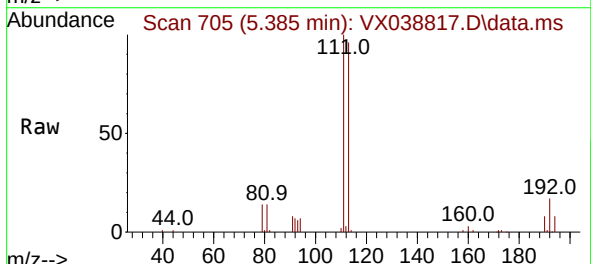
Instrument :
MSVOA_X
ClientSampleId :
S-15

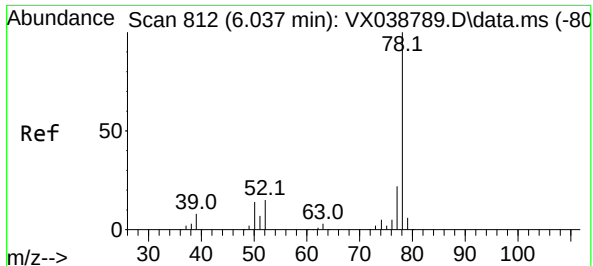
Tgt Ion:114 Resp: 186729
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.042 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

Tgt Ion:113 Resp: 56498
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 17.4 13.3 19.9





#40

Benzene

Concen: 18.082 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038817.D

Acq: 14 Nov 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

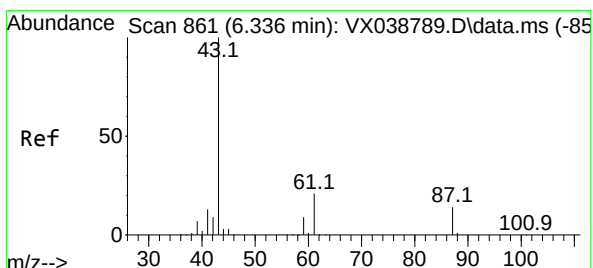
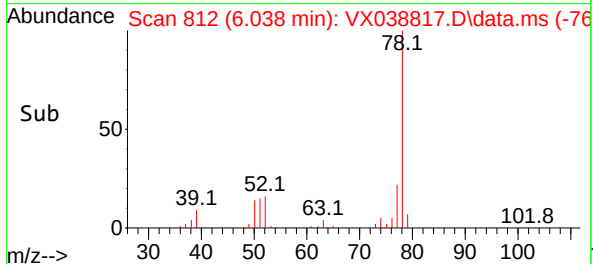
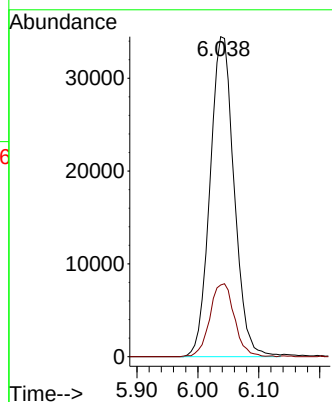
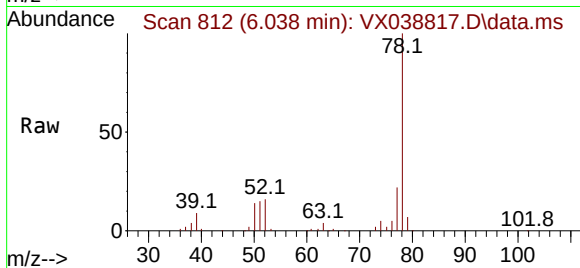
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Tgt Ion: 78 Resp: 94698

Ion Ratio Lower Upper

78 100

77 22.4 19.3 28.9



#43

Isopropyl Acetate

Concen: 31.381 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX038817.D

Acq: 14 Nov 2023 19:26

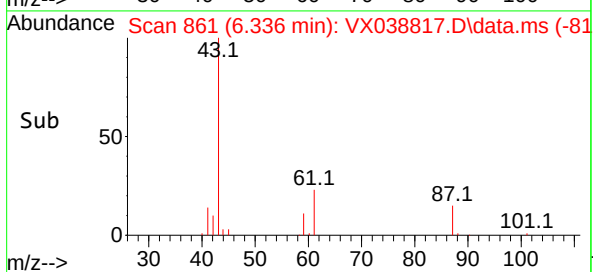
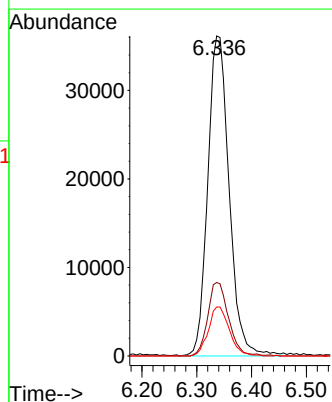
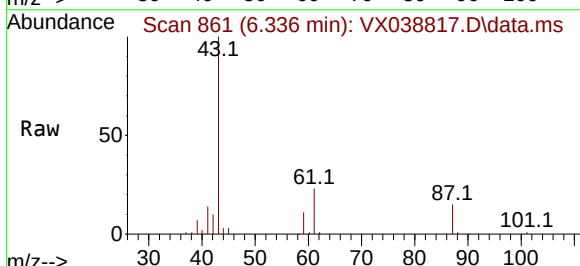
Tgt Ion: 43 Resp: 97760

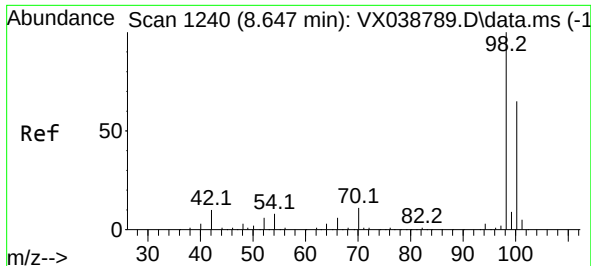
Ion Ratio Lower Upper

43 100

61 22.3 15.2 22.8

87 15.1 9.8 14.6#

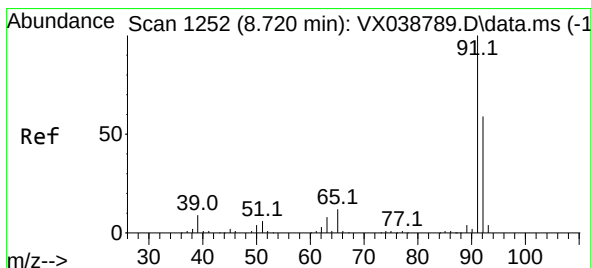
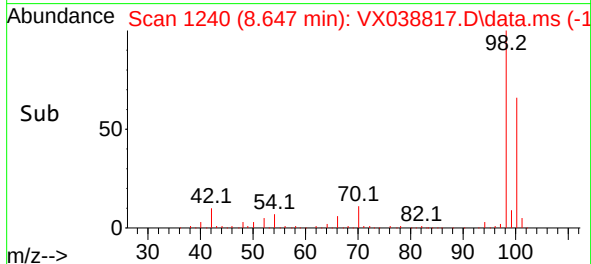
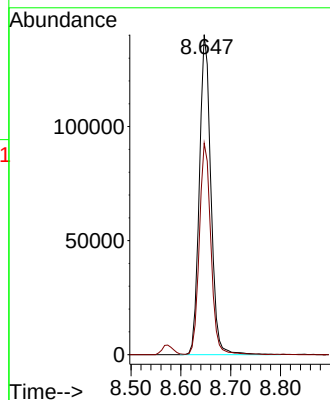
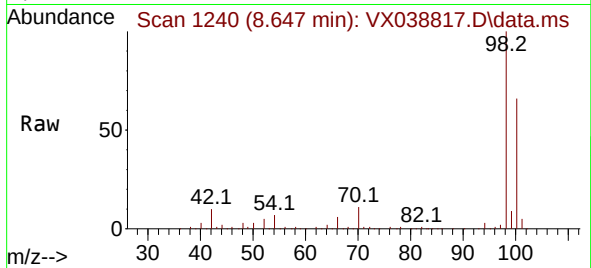




#50
Toluene-d8
Concen: 47.293 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

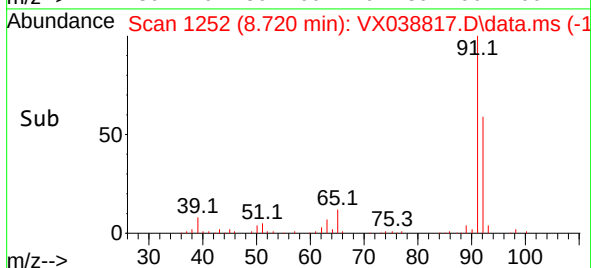
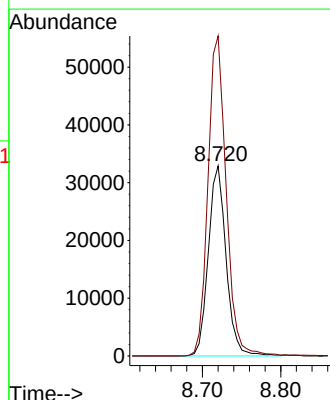
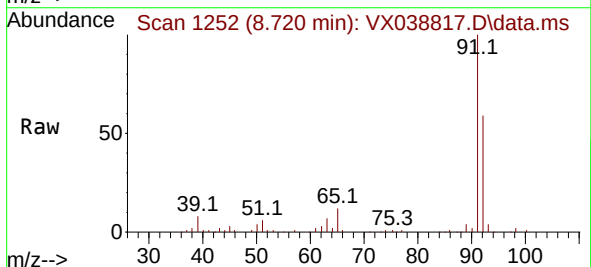
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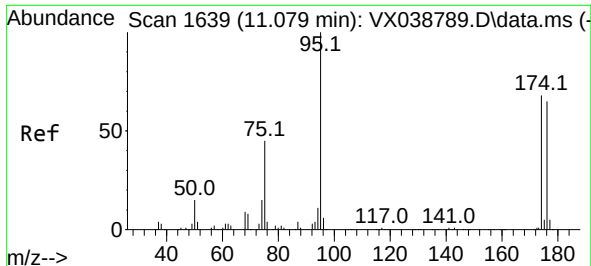
Tgt Ion: 98 Resp: 224723
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#52
Toluene
Concen: 16.006 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

Tgt Ion: 92 Resp: 51787
Ion Ratio Lower Upper
92 100
91 172.7 134.2 201.2

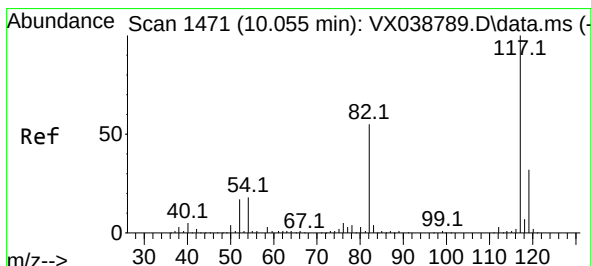
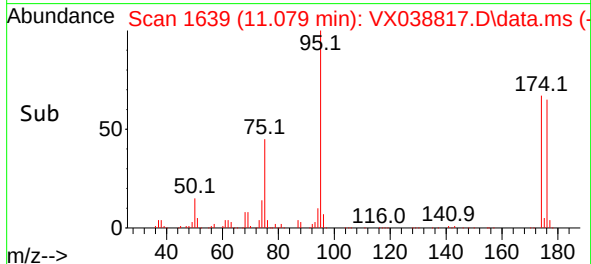
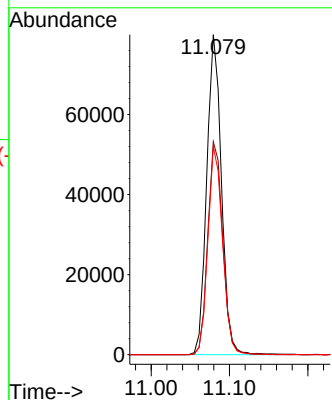
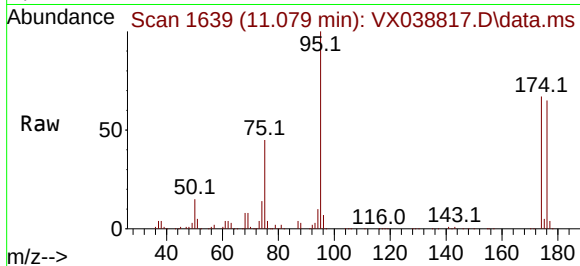




#62
4-Bromofluorobenzene
Concen: 52.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

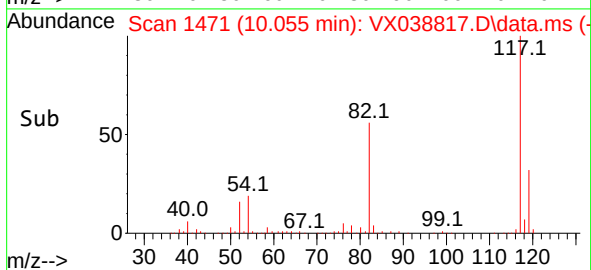
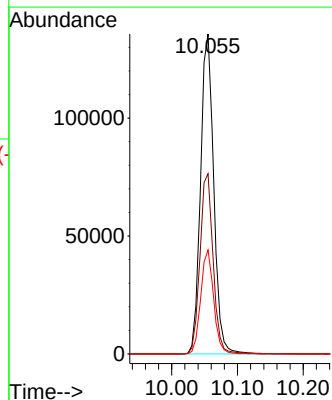
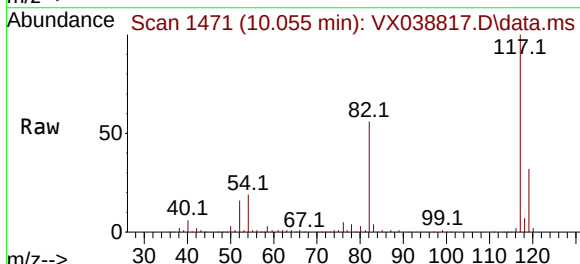
Instrument :
MSVOA_X
ClientSampleId :
S-15

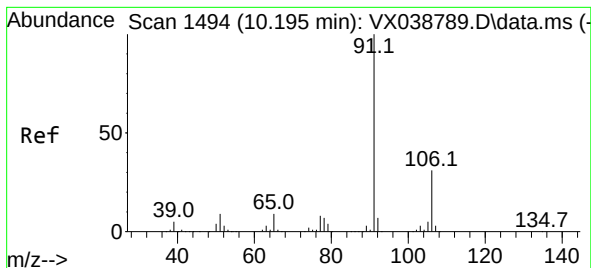
Tgt Ion: 95 Resp: 103956
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 64.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

Tgt Ion: 117 Resp: 188782
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.5 25.5 38.3





#67

Ethyl Benzene

Concen: 1.680 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038817.D

Acq: 14 Nov 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

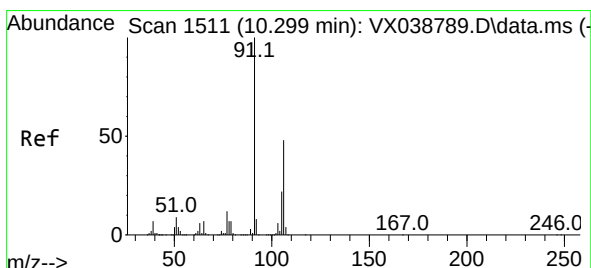
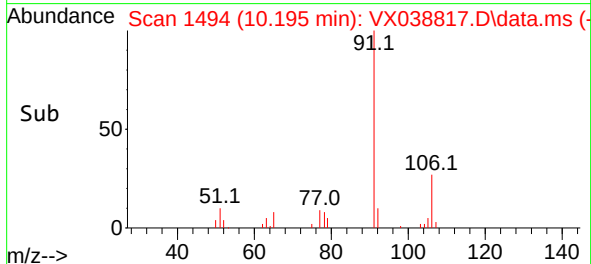
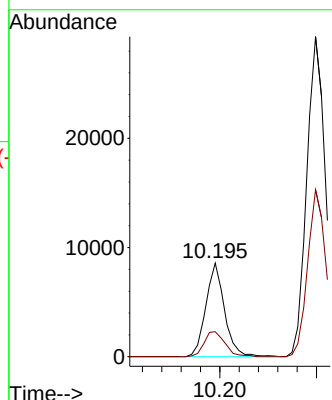
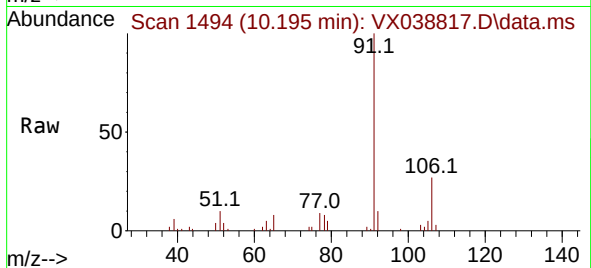
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Tgt Ion: 91 Resp: 11526

Ion Ratio Lower Upper

91 100

106 26.6 24.9 37.3



#68

m/p-Xylenes

Concen: 7.846 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038817.D

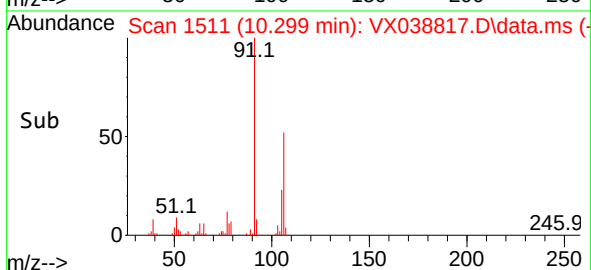
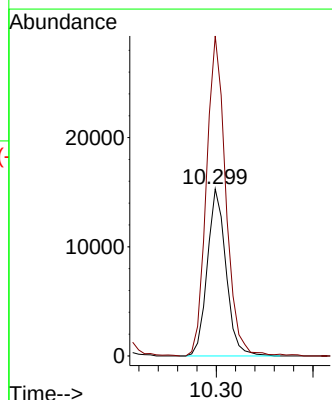
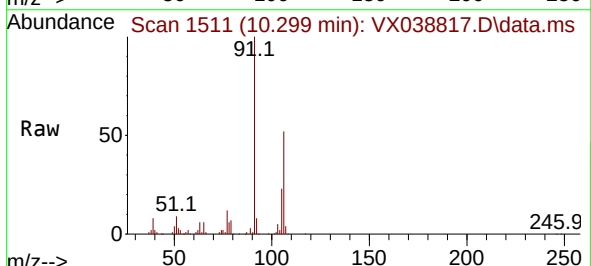
Acq: 14 Nov 2023 19:26

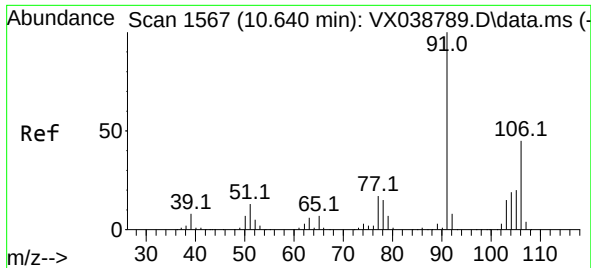
Tgt Ion: 106 Resp: 20531

Ion Ratio Lower Upper

106 100

91 198.0 165.5 248.3

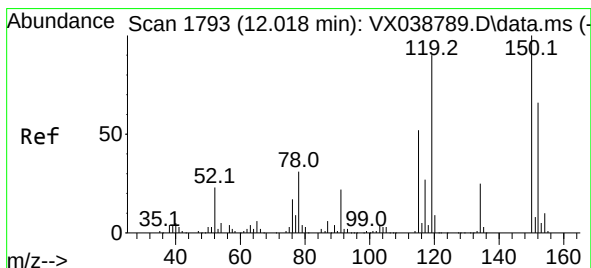
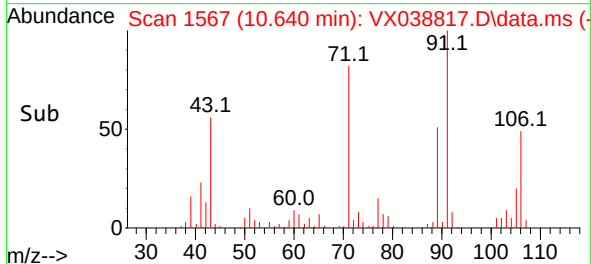
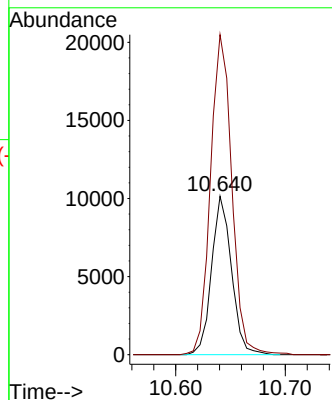
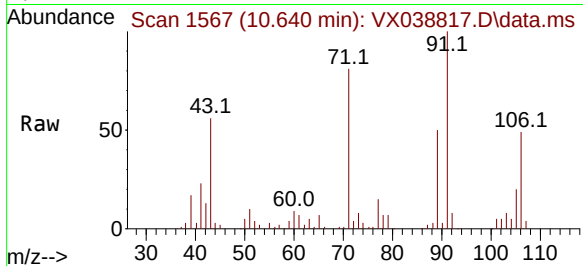




#69
o-Xylene
Concen: 5.048 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

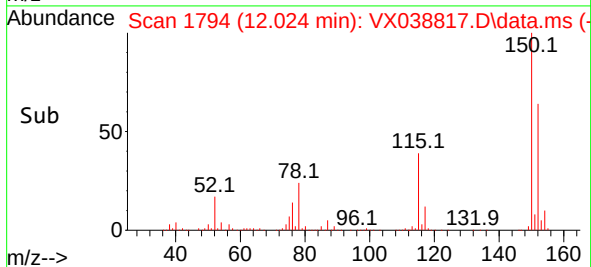
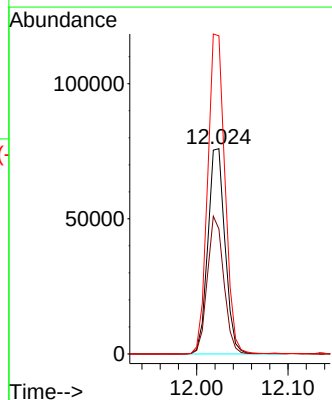
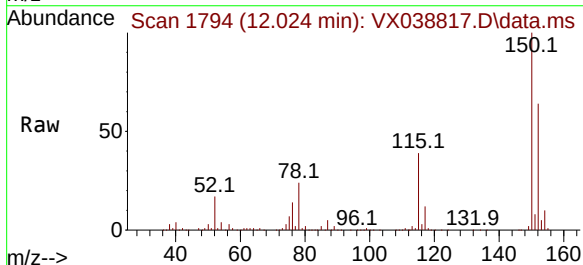
Instrument :
MSVOA_X
ClientSampleId :
S-15

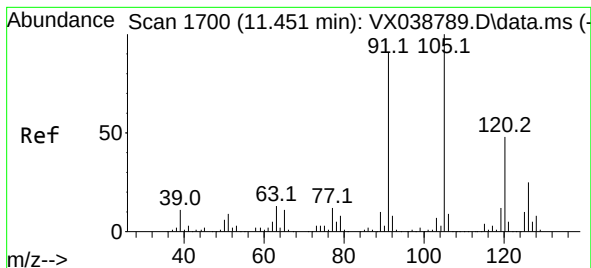
Tgt Ion:106 Resp: 12818
Ion Ratio Lower Upper
106 100
91 216.0 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038817.D
Acq: 14 Nov 2023 19:26

Tgt Ion:152 Resp: 99038
Ion Ratio Lower Upper
152 100
115 64.2 43.3 129.9
150 157.0 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 0.610 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038817.D

Acq: 14 Nov 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

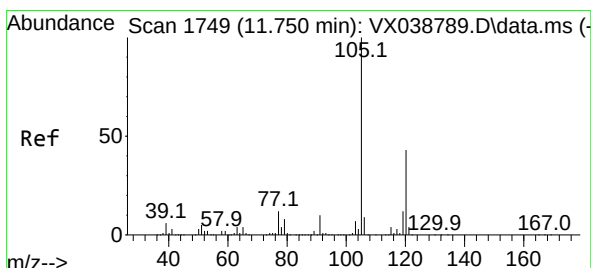
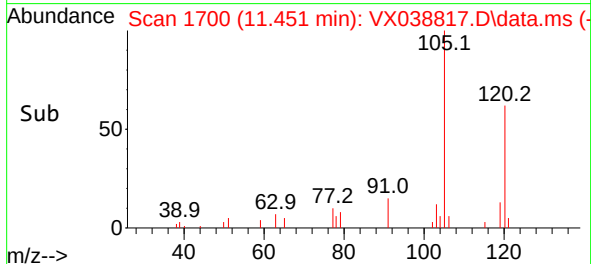
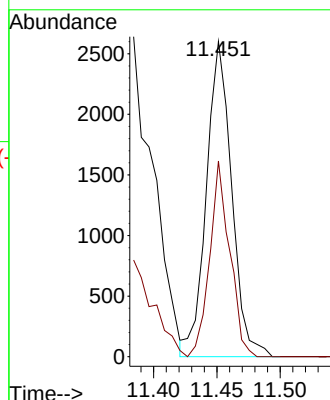
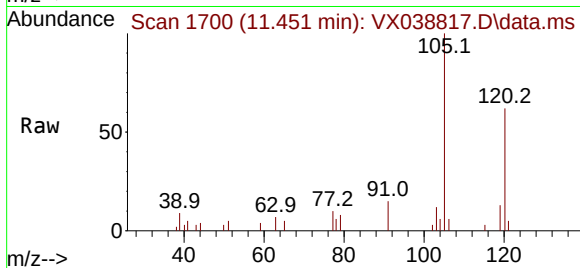
S-15

Tgt Ion:105 Resp: 3613

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 2.607 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038817.D

Acq: 14 Nov 2023 19:26

Tgt Ion:105 Resp: 15494

Ion Ratio Lower Upper

105 100

120 25.0 21.2 63.6

