

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX038005.D
 Acq On : 30 Sep 2023 15:40
 Operator : JC/MD
 Sample : 04647-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-2

Quant Time: Oct 02 02:12:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

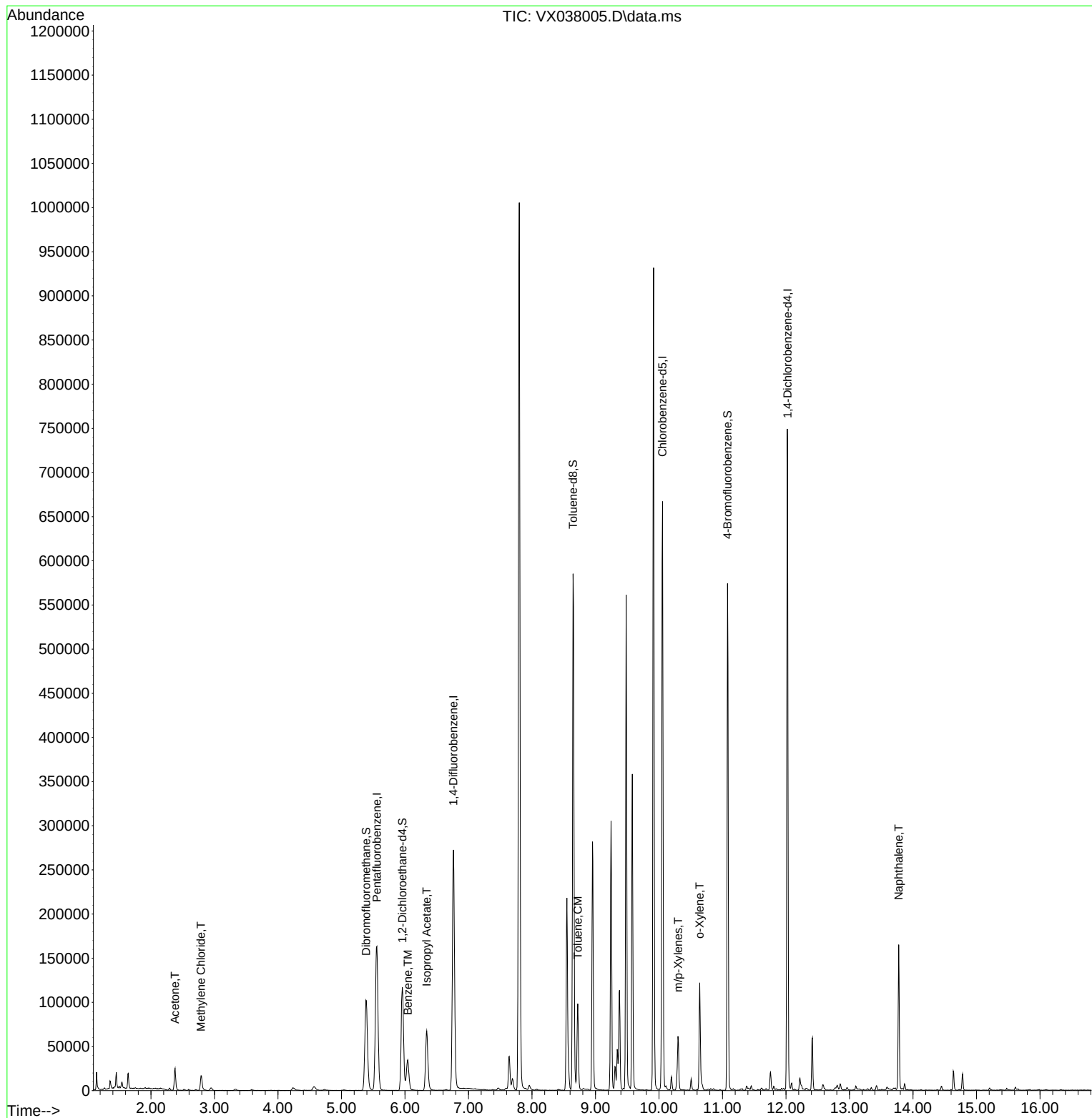
Internal Standards						
1) Pentafluorobenzene	5.556	168	152423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113477	56.665	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 113.320%		
35) Dibromofluoromethane	5.385	113	89333	48.981	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.960%		
50) Toluene-d8	8.647	98	344775	50.877	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.760%		
62) 4-Bromofluorobenzene	11.079	95	137778	55.950	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 111.900%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	25936	26.922	ug/l	94
20) Methylene Chloride	2.788	84	8667	4.843	ug/l #	88
40) Benzene	6.044	78	42048	5.442	ug/l	98
43) Isopropyl Acetate	6.342	43	91672	20.757	ug/l	98
52) Toluene	8.720	92	35481	7.126	ug/l	94
68) m/p-Xylenes	10.299	106	13290	3.258	ug/l	98
69) o-Xylene	10.640	106	8724	2.133	ug/l	100
95) Naphthalene	13.774	128	95994	9.422	ug/l	100

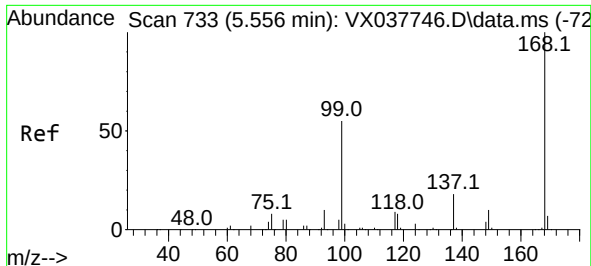
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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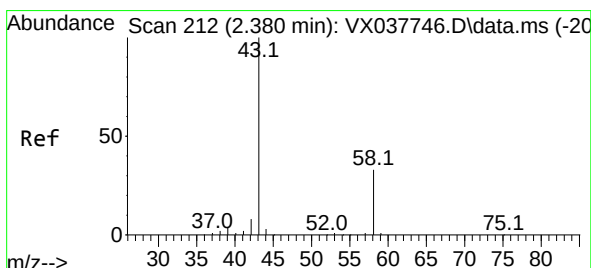
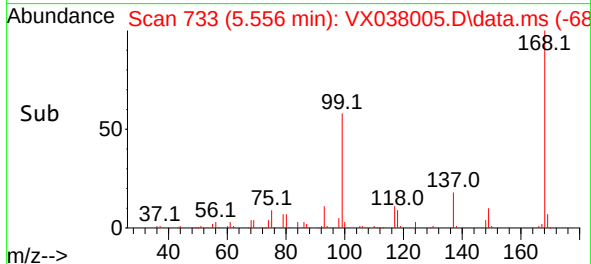
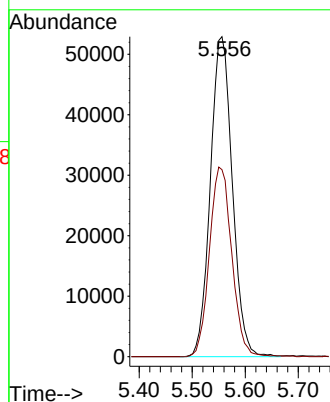
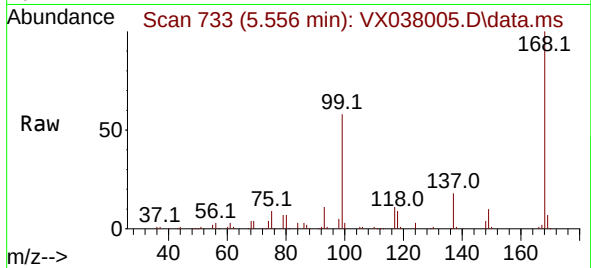




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

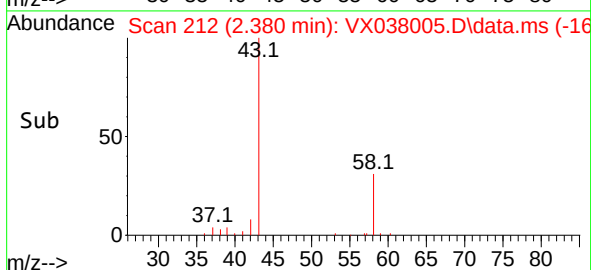
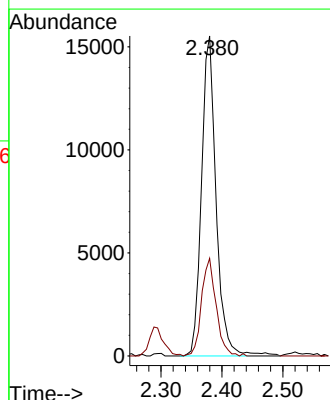
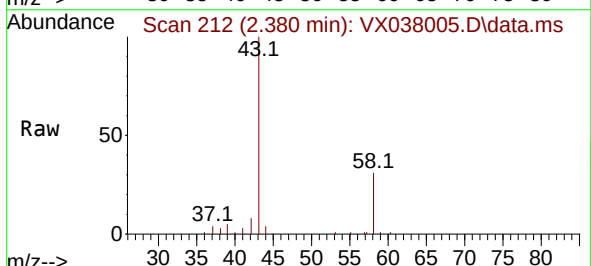
Instrument :
MSVOA_X
ClientSampleId :
S-2

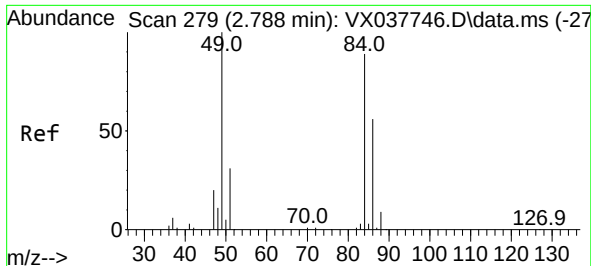
Tgt Ion:168 Resp: 152423
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#16
Acetone
Concen: 26.922 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

Tgt Ion: 43 Resp: 25936
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9

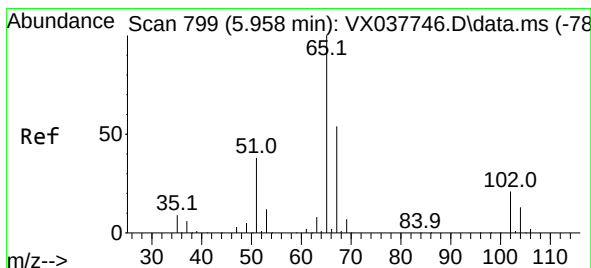
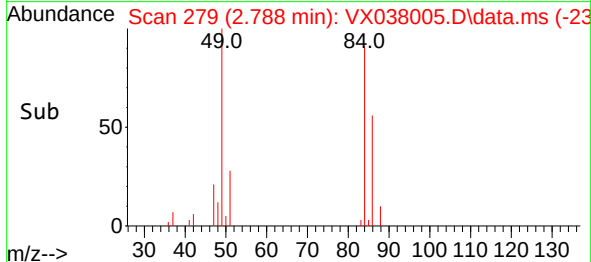
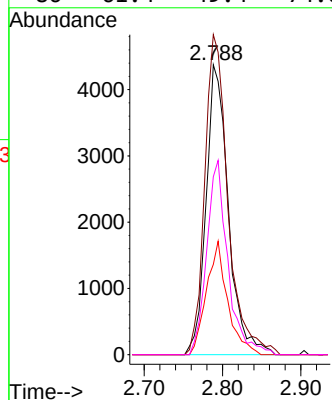
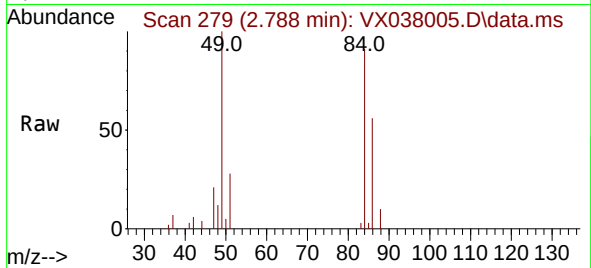




#20
Methylene Chloride
Concen: 4.843 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

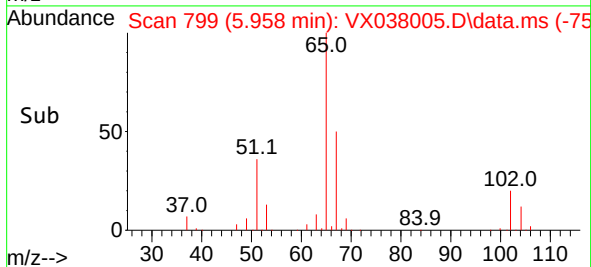
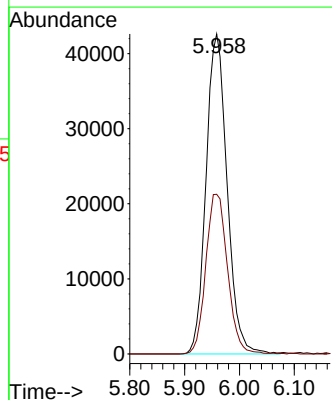
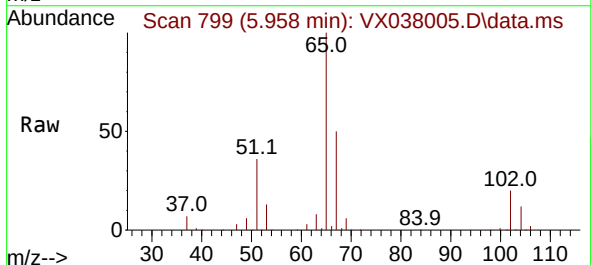
Instrument :
MSVOA_X
ClientSampleId :
S-2

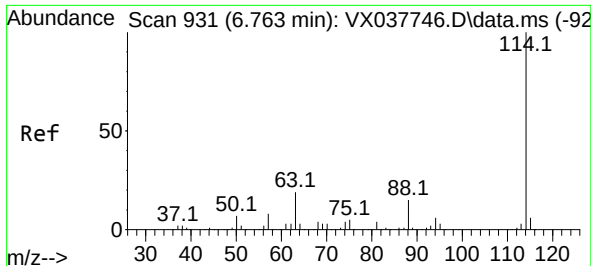
Tgt Ion:	84	Resp:	8667
Ion	Ratio	Lower	Upper
84	100		
49	110.4	103.6	155.4
51	31.1	33.8	50.6#
86	61.4	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 56.665 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

Tgt Ion:	65	Resp:	113477
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	100.2

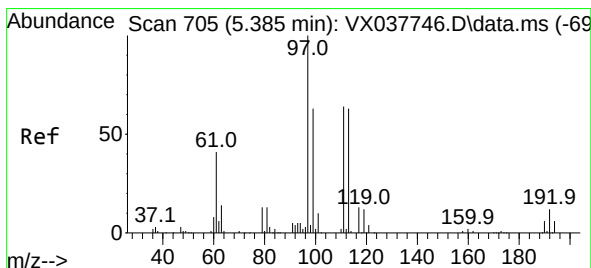
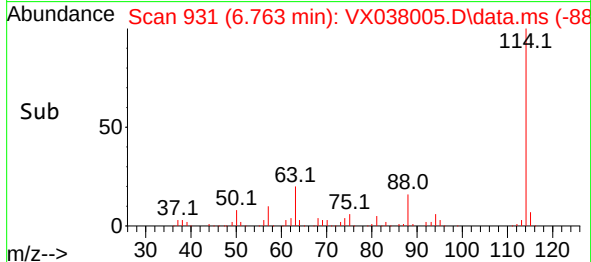
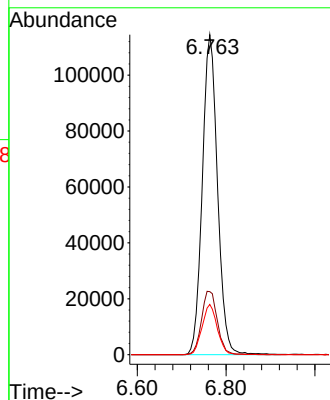
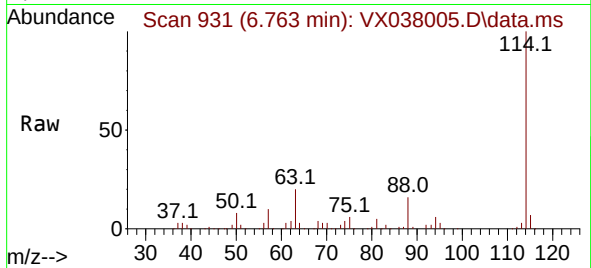




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

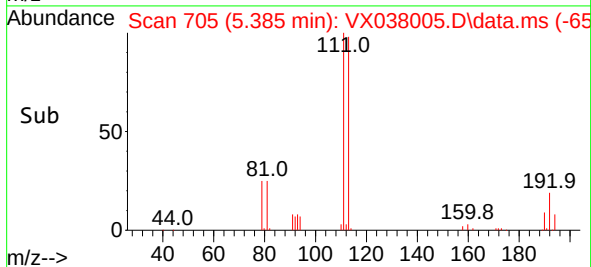
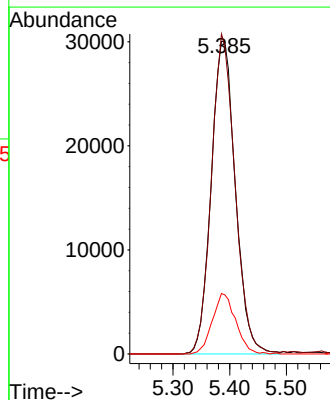
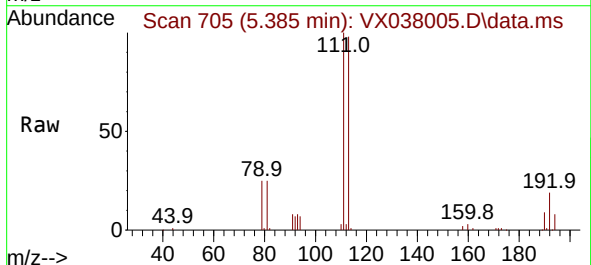
Instrument :
MSVOA_X
ClientSampleId :
S-2

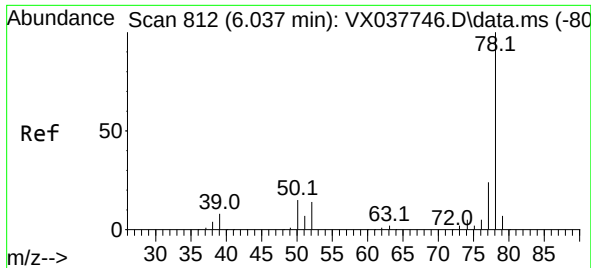
Tgt Ion:114 Resp: 272577
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.981 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

Tgt Ion:113 Resp: 89333
Ion Ratio Lower Upper
113 100
111 99.5 82.9 124.3
192 18.6 13.3 19.9





#40

Benzene

Concen: 5.442 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038005.D

Acq: 30 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

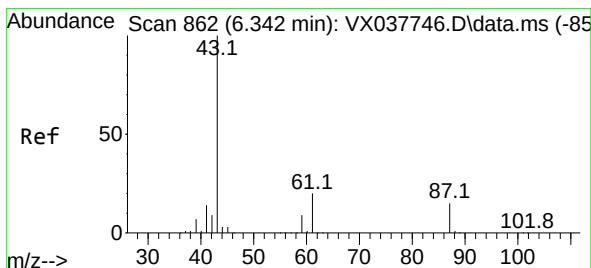
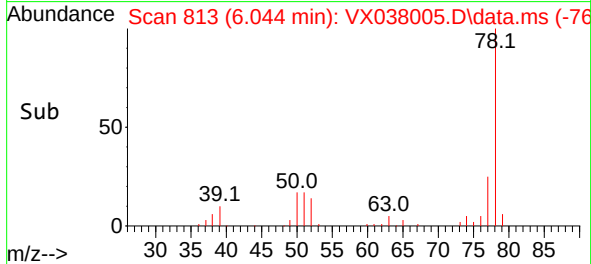
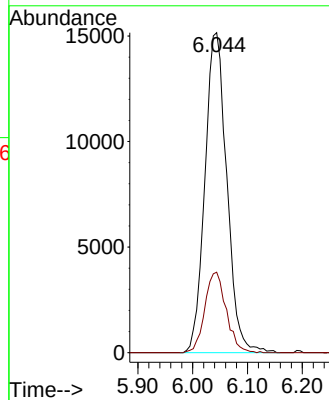
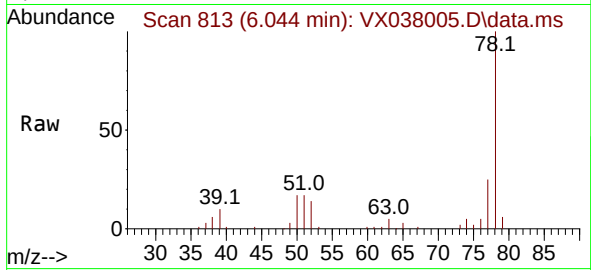
S-2

Tgt Ion: 78 Resp: 42048

Ion Ratio Lower Upper

78 100

77 25.1 19.3 28.9



#43

Isopropyl Acetate

Concen: 20.757 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX038005.D

Acq: 30 Sep 2023 15:40

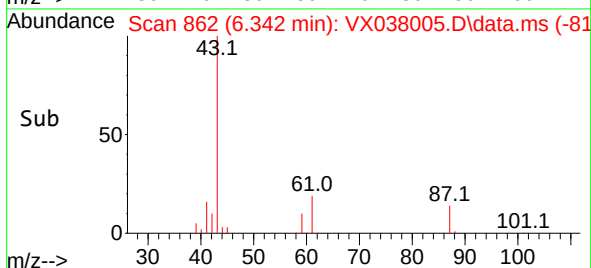
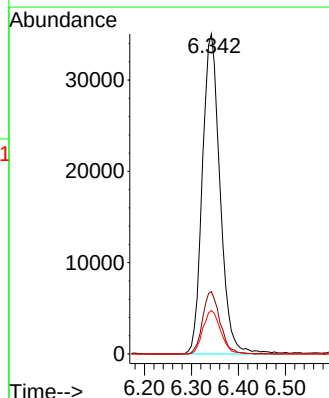
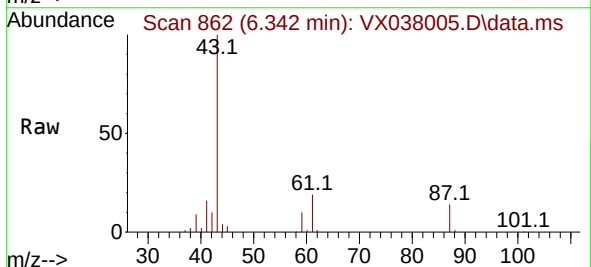
Tgt Ion: 43 Resp: 91672

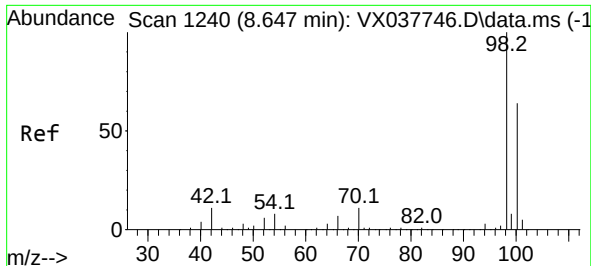
Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

87 13.6 9.8 14.6

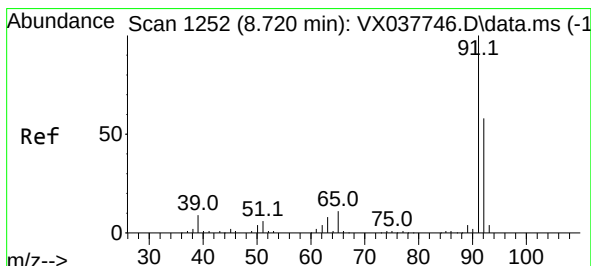
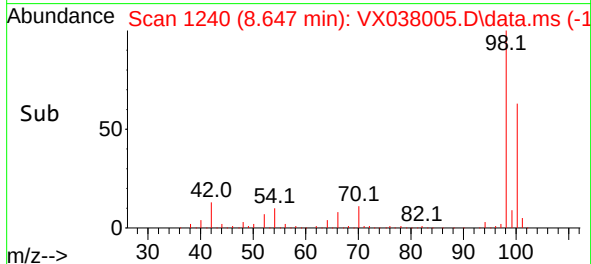
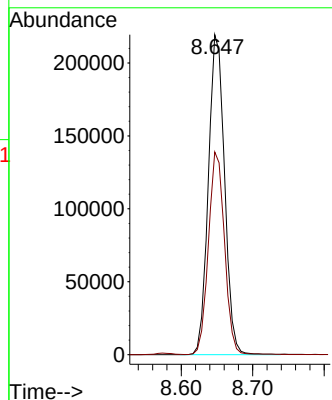
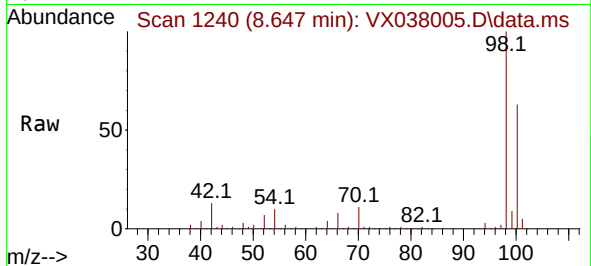




#50
Toluene-d8
Concen: 50.877 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

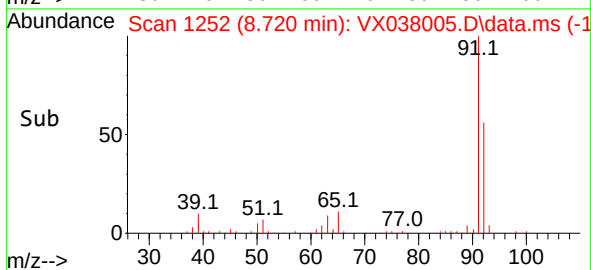
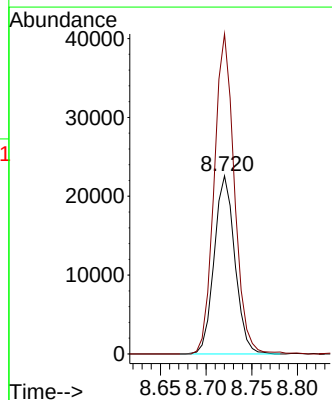
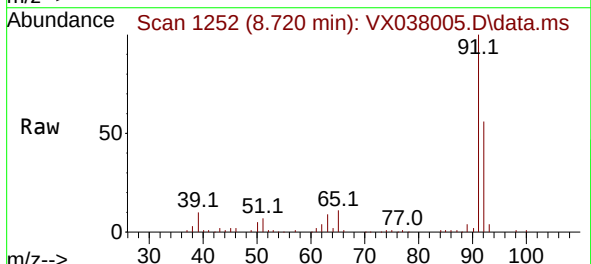
Instrument :
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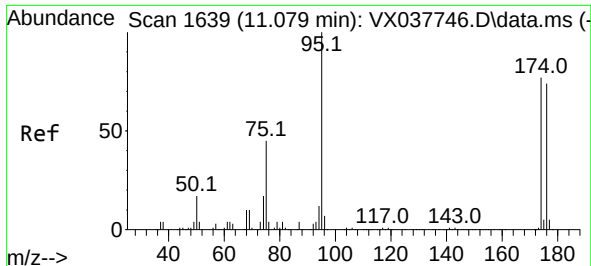
Tgt Ion: 98 Resp: 344775
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#52
Toluene
Concen: 7.126 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

Tgt Ion: 92 Resp: 35481
Ion Ratio Lower Upper
92 100
91 175.8 134.2 201.2

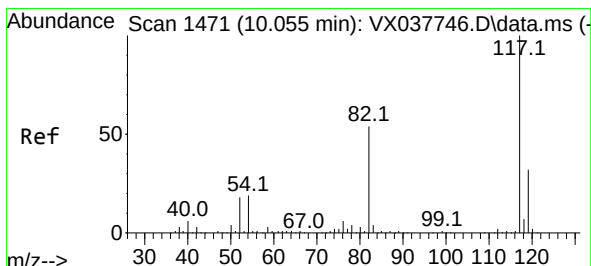
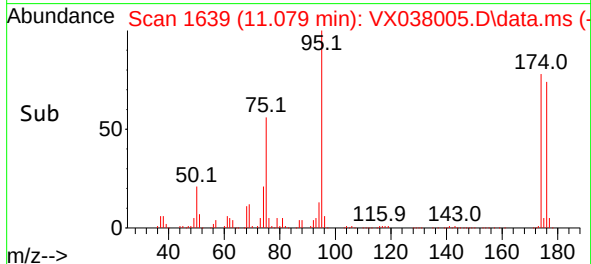
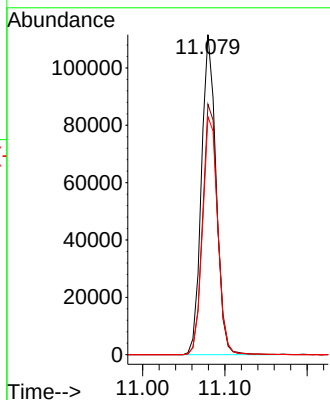
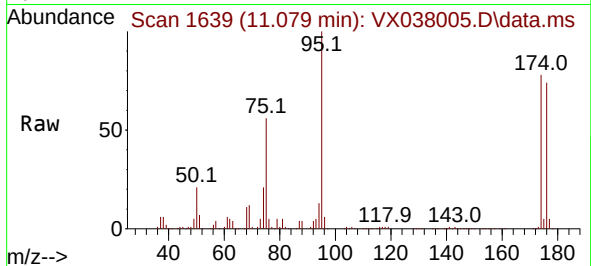




#62
4-Bromofluorobenzene
Concen: 55.950 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

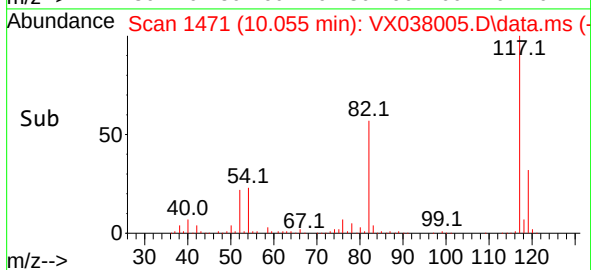
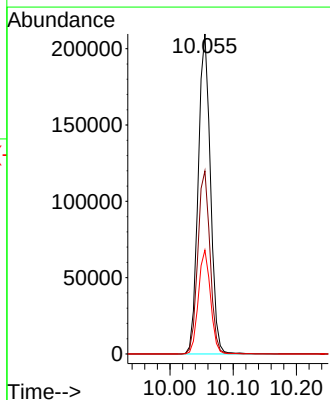
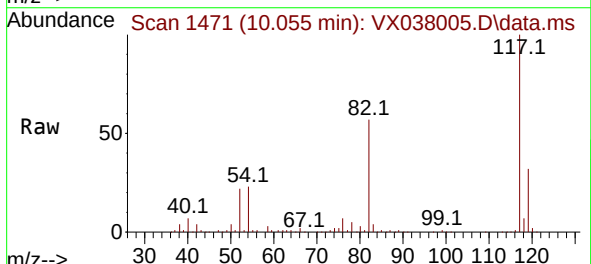
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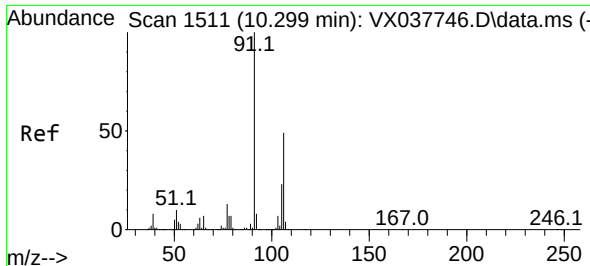
Tgt Ion: 95 Resp: 137778
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 76.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

Tgt Ion: 117 Resp: 282261
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.4 25.5 38.3

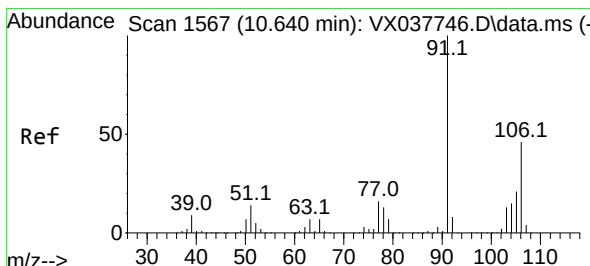
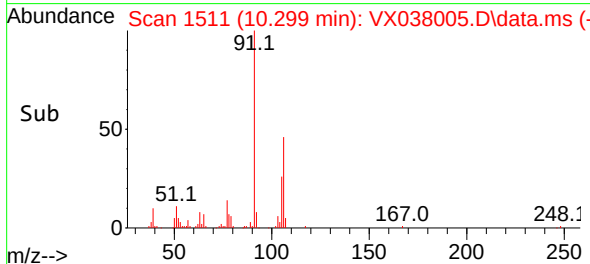
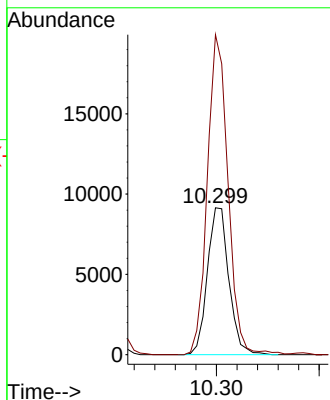
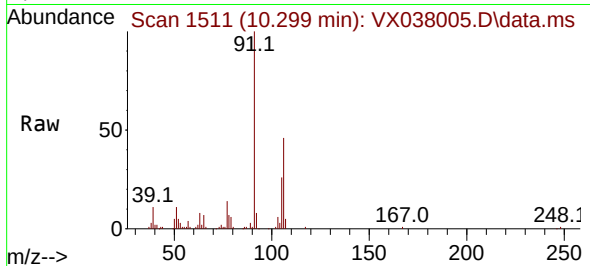




#68
m/p-Xylenes
Concen: 3.258 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

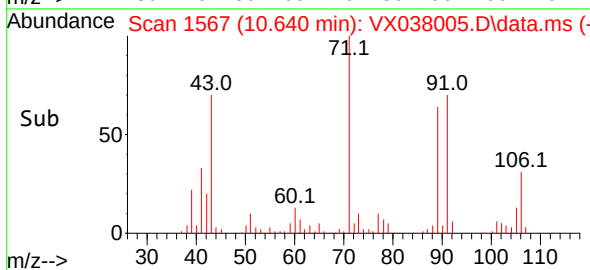
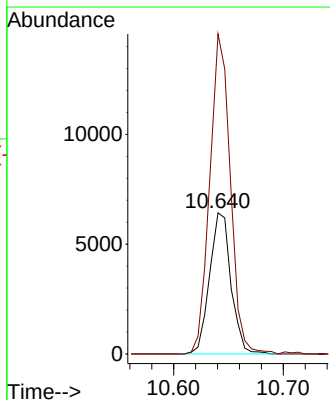
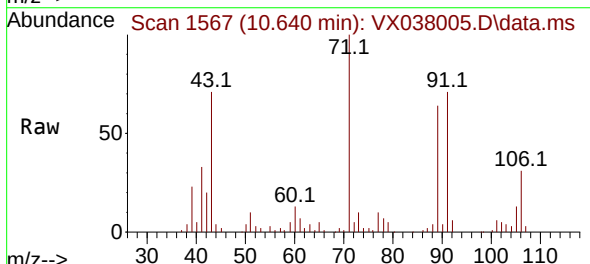
Instrument :
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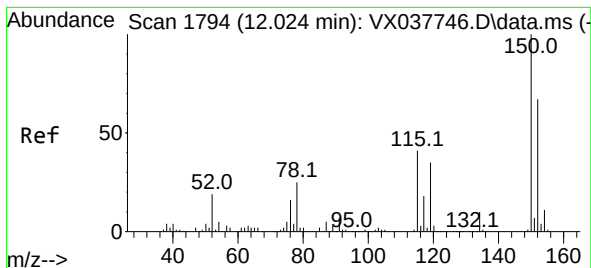
Tgt Ion:106 Resp: 13290
Ion Ratio Lower Upper
106 100
91 209.8 165.5 248.3



#69
o-Xylene
Concen: 2.133 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX038005.D
Acq: 30 Sep 2023 15:40

Tgt Ion:106 Resp: 8724
Ion Ratio Lower Upper
106 100
91 218.1 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038005.D

Acq: 30 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

S-2

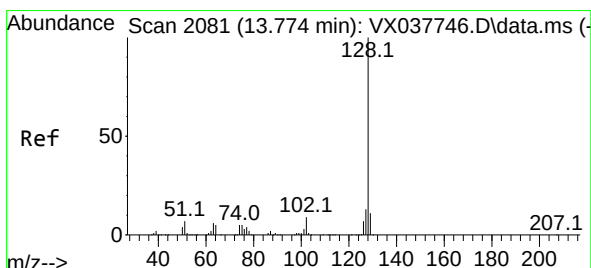
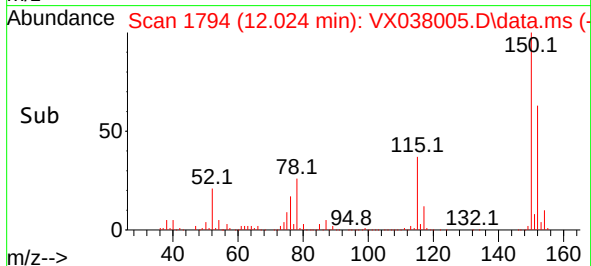
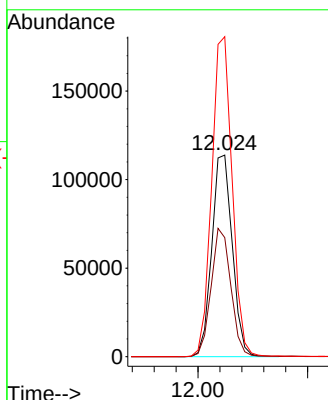
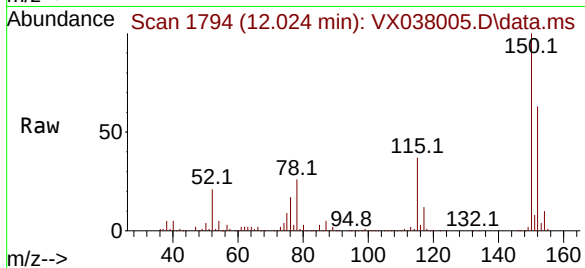
Tgt Ion:152 Resp: 147987

Ion Ratio Lower Upper

152 100

115 61.3 43.3 129.9

150 158.2 0.0 345.0



#95

Naphthalene

Concen: 9.422 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX038005.D

Acq: 30 Sep 2023 15:40

Tgt Ion:128 Resp: 95994

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.3 8.8 13.2

