

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037807.D
 Acq On : 19 Sep 2023 15:40
 Operator : JC/MD
 Sample : 04479-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1027

Quant Time: Sep 20 01:03:48 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)

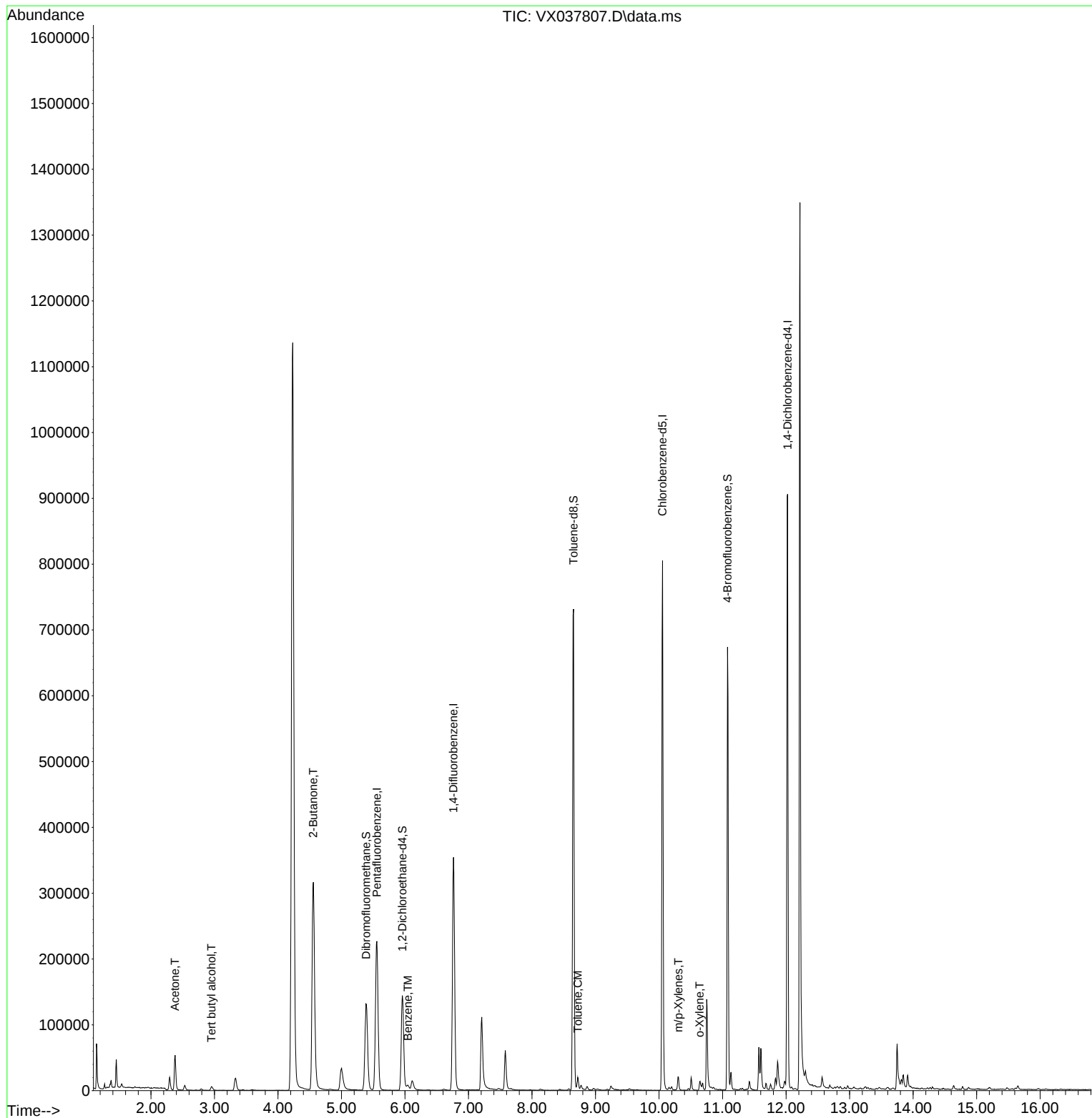
Internal Standards						
1) Pentafluorobenzene	5.556	168	221672	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	373668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137362	47.164	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.320%
35) Dibromofluoromethane	5.385	113	118587	47.430	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.860%
50) Toluene-d8	8.653	98	458122	49.314	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.079	95	172590	51.126	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.260%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	6472	10.353	ug/l	# 91
16) Acetone	2.380	43	55041	39.285	ug/l	# 86
25) 2-Butanone	4.556	43	550774	278.574	ug/l	# 90
40) Benzene	6.044	78	9027	0.852	ug/l	96
52) Toluene	8.720	92	6072	0.890	ug/l	91
68) m/p-Xylenes	10.305	106	4911	0.940	ug/l	92
69) o-Xylene	10.640	106	3048	0.582	ug/l	95

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

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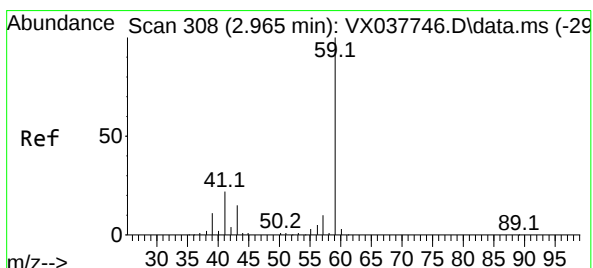
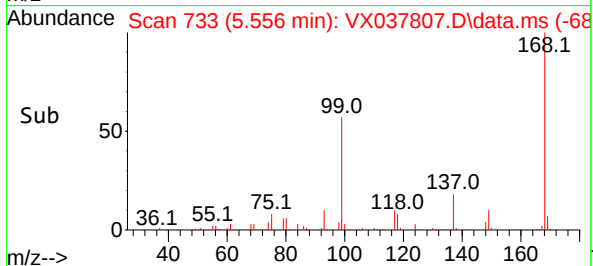
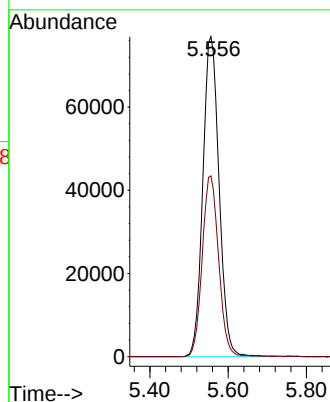
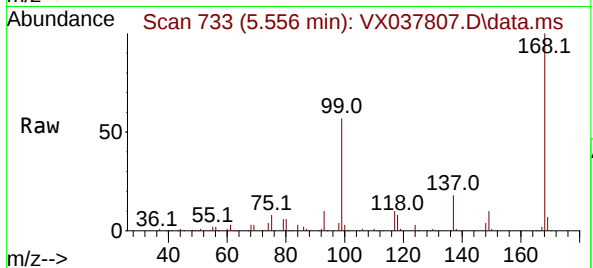




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037807.D
Acq: 19 Sep 2023 15:40

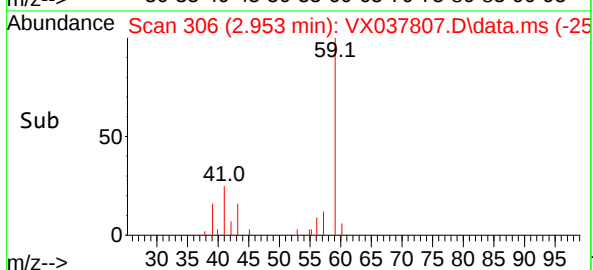
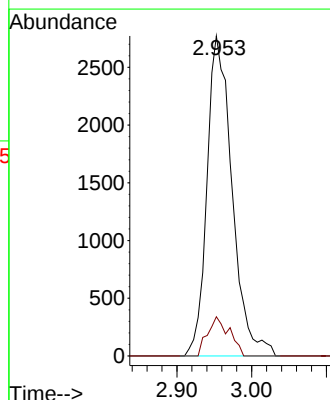
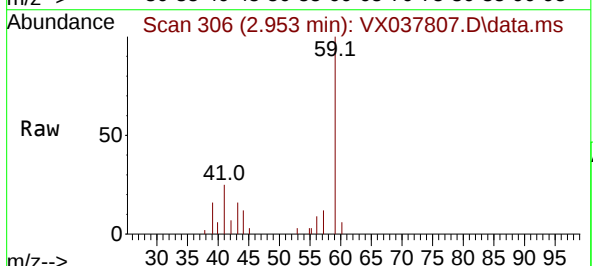
Instrument :
MSVOA_X
ClientSampleId :
1027

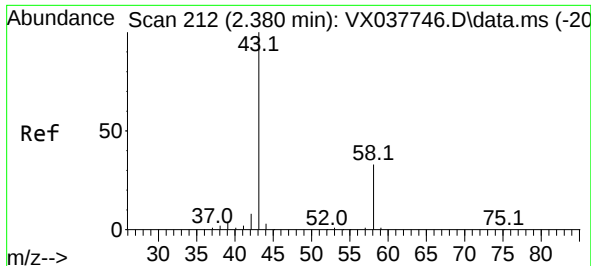
Tgt Ion:168 Resp: 221672
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#11
Tert butyl alcohol
Concen: 10.353 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037807.D
Acq: 19 Sep 2023 15:40

Tgt Ion: 59 Resp: 6472
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0#

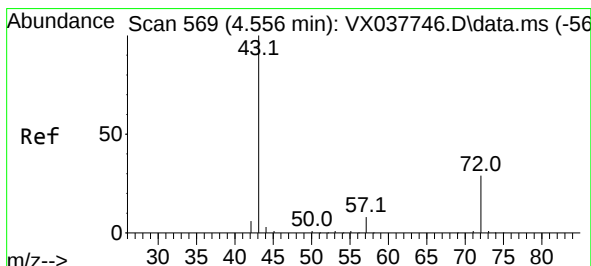
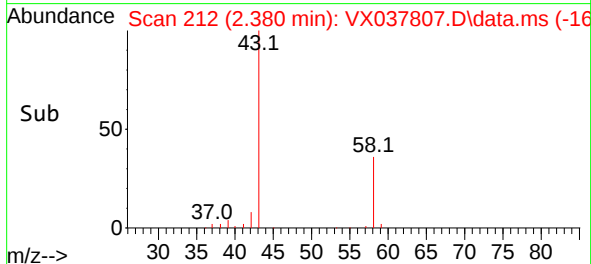
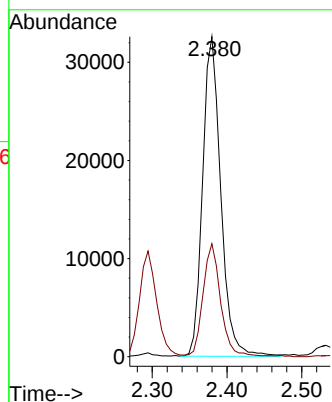
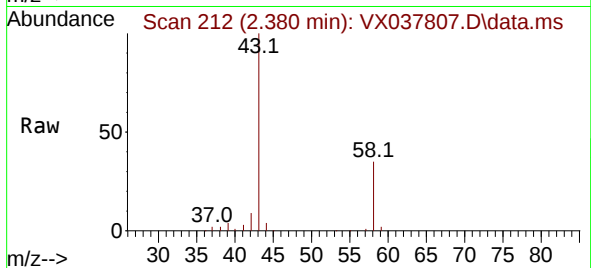




#16
Acetone
Concen: 39.285 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037807.D
Acq: 19 Sep 2023 15:40

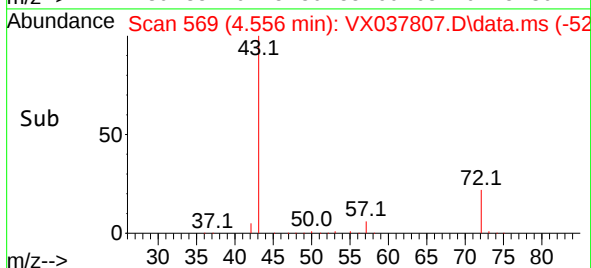
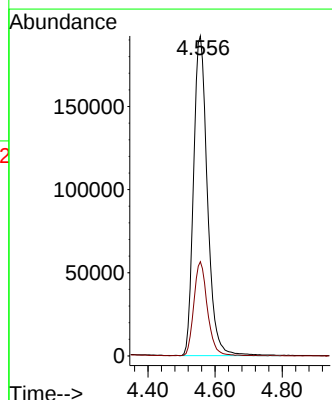
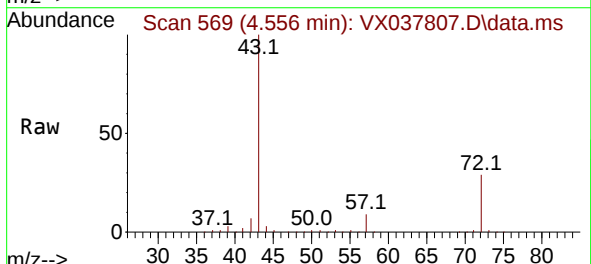
Instrument :
MSVOA_X
ClientSampleId :
1027

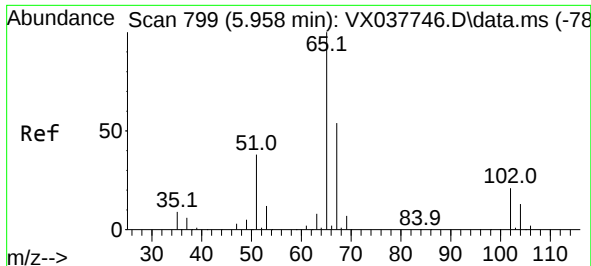
Tgt Ion: 43 Resp: 55041
Ion Ratio Lower Upper
43 100
58 34.9 21.9 32.9#



#25
2-Butanone
Concen: 278.574 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX037807.D
Acq: 19 Sep 2023 15:40

Tgt Ion: 43 Resp: 550774
Ion Ratio Lower Upper
43 100
72 29.4 19.4 29.2#





#33

1,2-Dichloroethane-d4

Concen: 47.164 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037807.D

Acq: 19 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

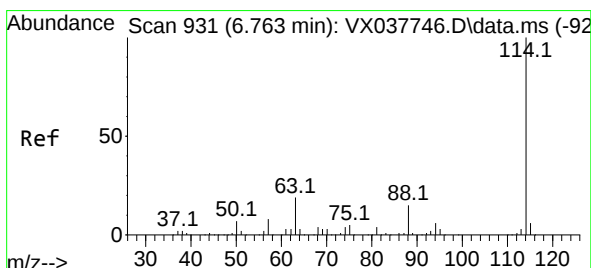
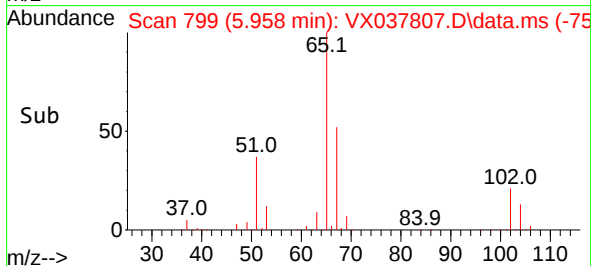
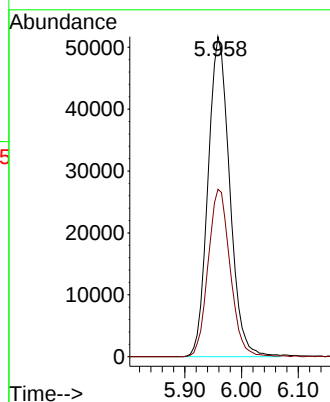
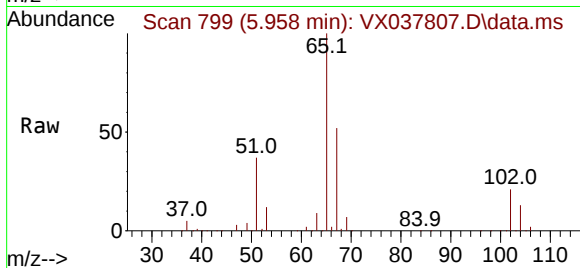
1027

Tgt Ion: 65 Resp: 137362

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037807.D

Acq: 19 Sep 2023 15:40

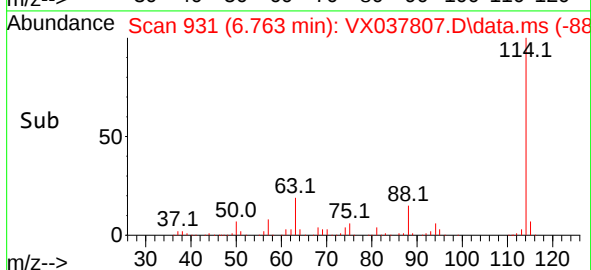
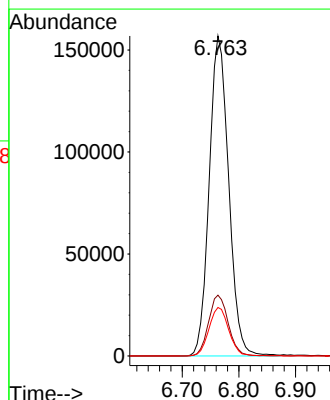
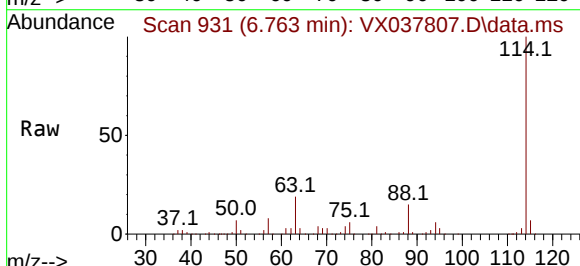
Tgt Ion: 114 Resp: 373668

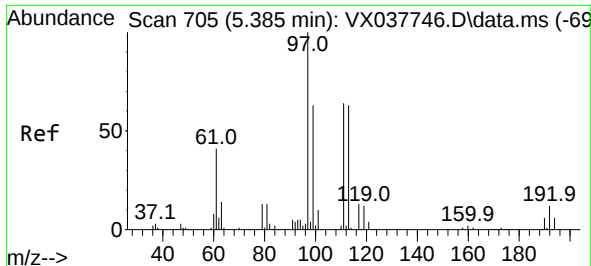
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.2 0.0 36.6

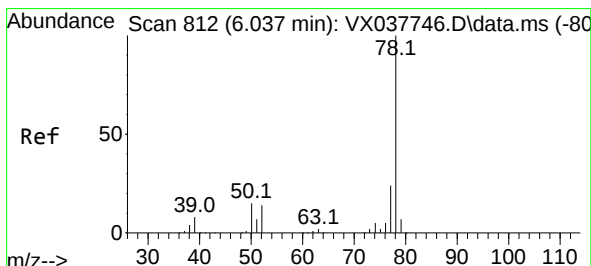
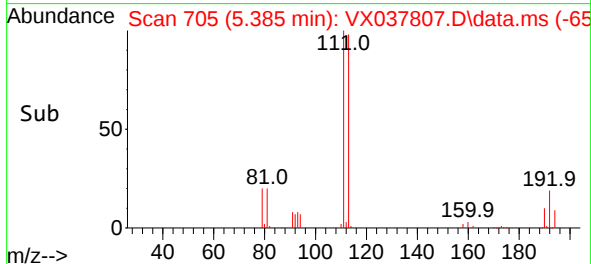
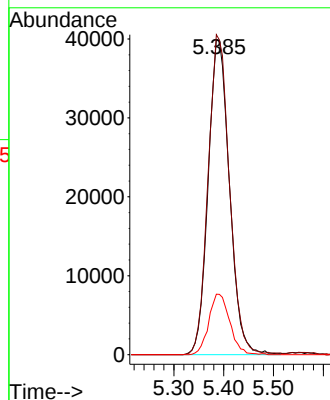
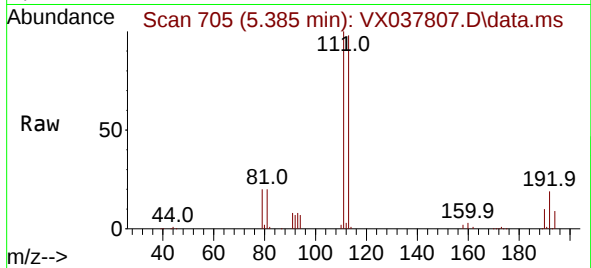




#35
Dibromofluoromethane
Concen: 47.430 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037807.D
Acq: 19 Sep 2023 15:40

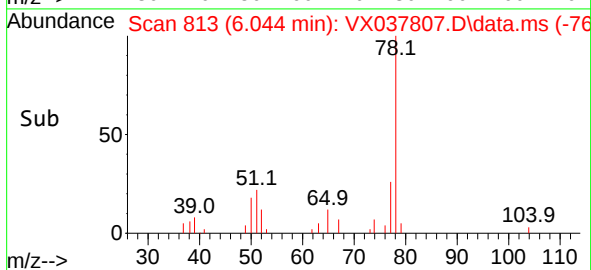
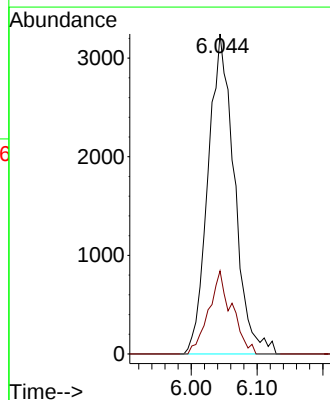
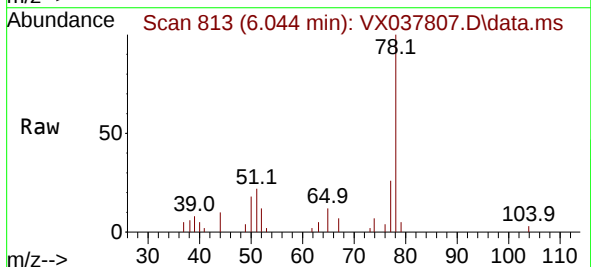
Instrument :
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1027

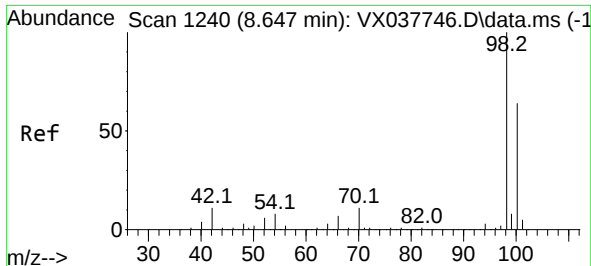
Tgt Ion:113 Resp: 118587
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.9 13.3 19.9



#40
Benzene
Concen: 0.852 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX037807.D
Acq: 19 Sep 2023 15:40

Tgt Ion: 78 Resp: 9027
Ion Ratio Lower Upper
78 100
77 25.9 19.3 28.9





#50

Toluene-d8

Concen: 49.314 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037807.D

Acq: 19 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

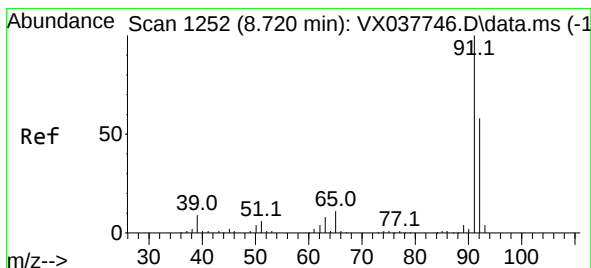
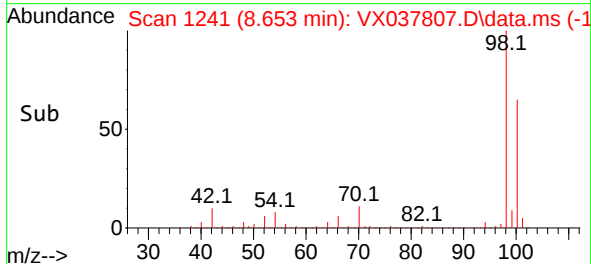
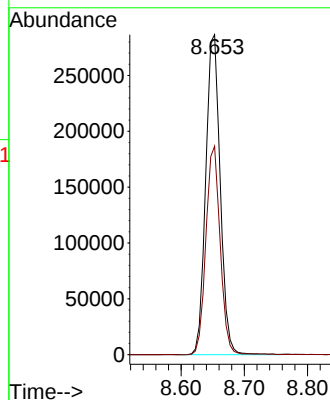
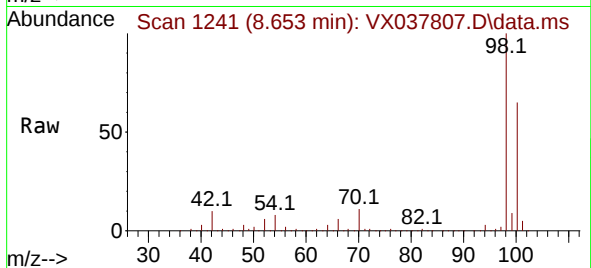
1027

Tgt Ion: 98 Resp: 458122

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7



#52

Toluene

Concen: 0.890 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037807.D

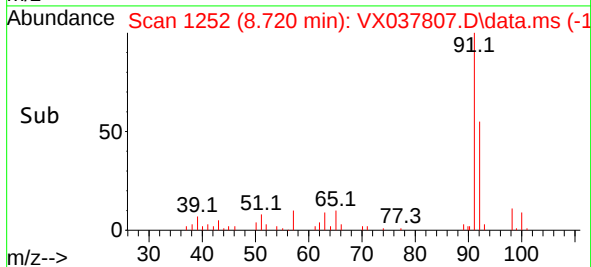
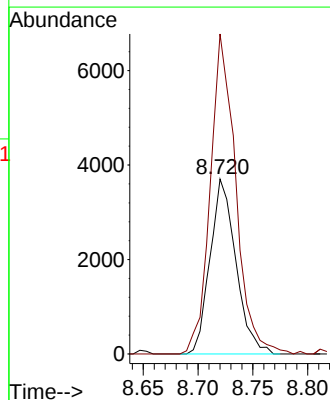
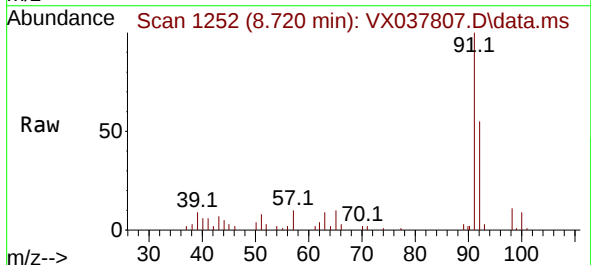
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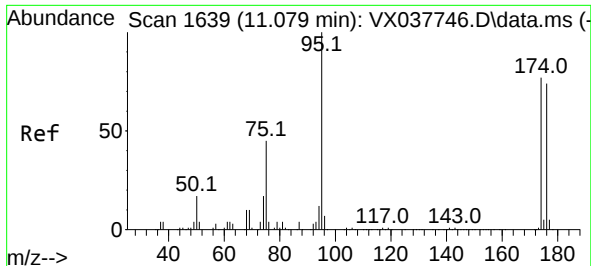
Tgt Ion: 92 Resp: 6072

Ion Ratio Lower Upper

92 100

91 180.6 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 51.126 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037807.D

Acq: 19 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

1027

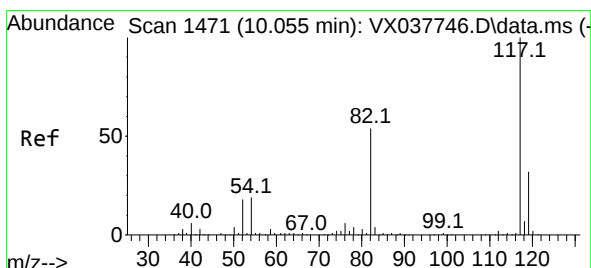
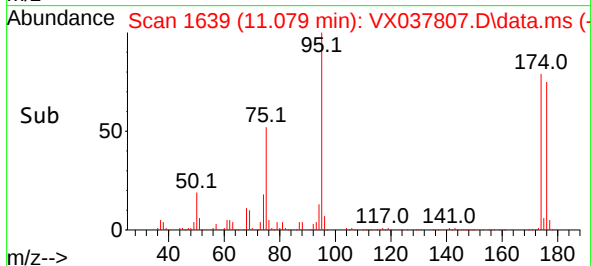
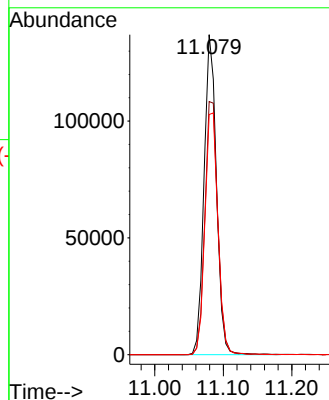
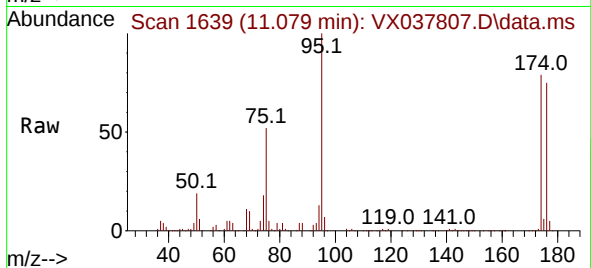
Tgt Ion: 95 Resp: 172590

Ion Ratio Lower Upper

95 100

174 82.7 0.0 135.6

176 80.1 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: VX037807.D

Acq: 19 Sep 2023 15:40

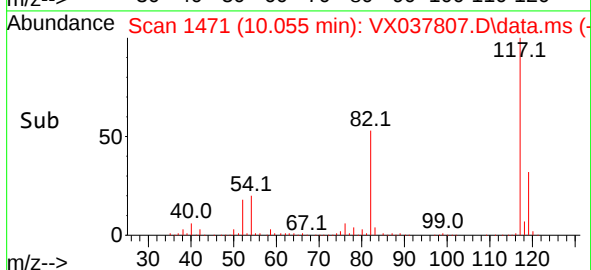
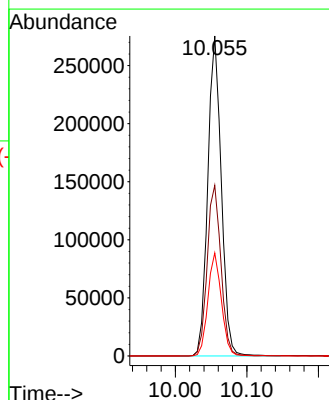
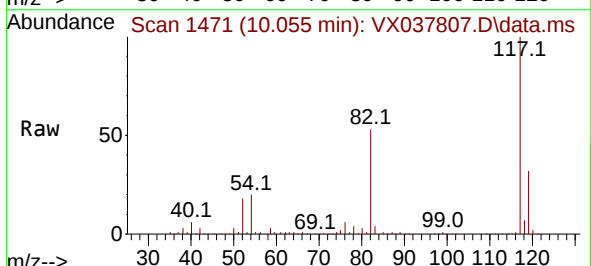
Tgt Ion: 117 Resp: 361713

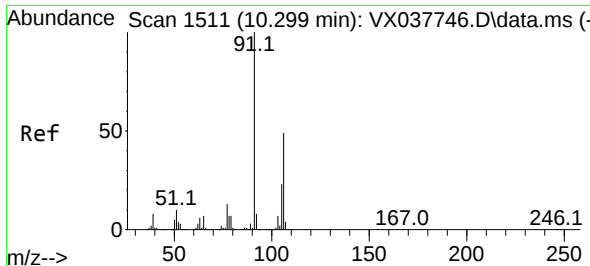
Ion Ratio Lower Upper

117 100

82 53.3 46.2 69.4

119 32.2 25.5 38.3

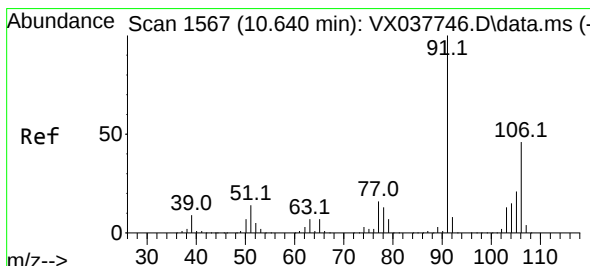
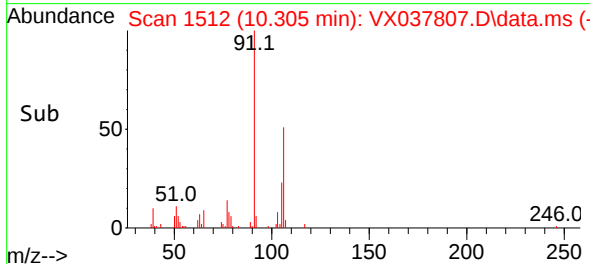
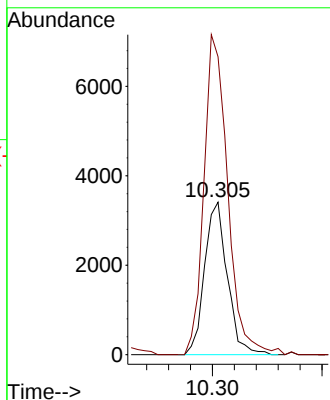
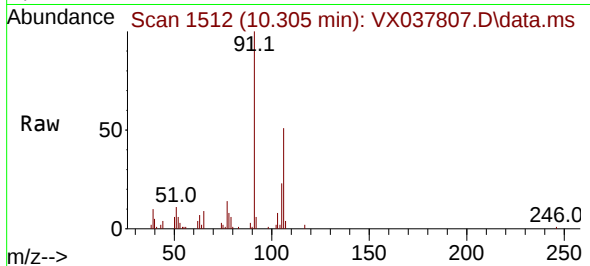




#68
m/p-Xylenes
Concen: 0.940 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037807.D
Acq: 19 Sep 2023 15:40

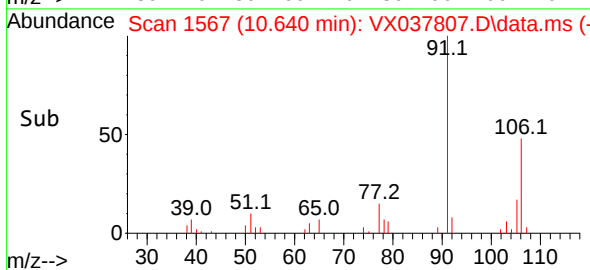
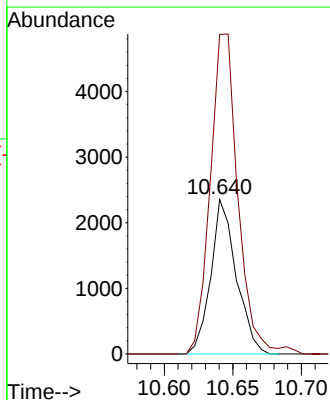
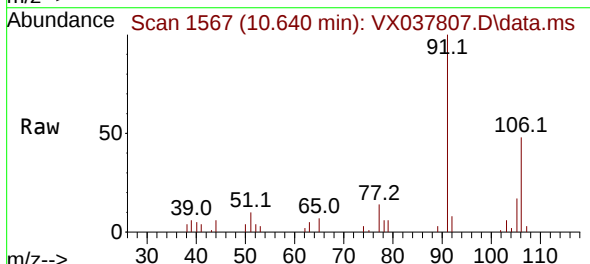
Instrument :
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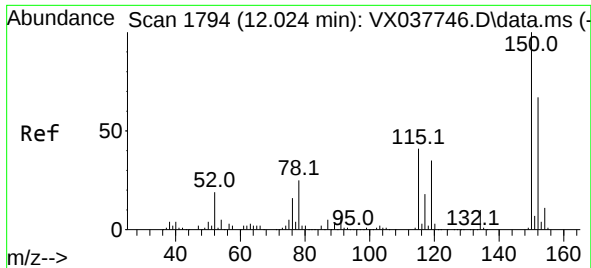
Tgt Ion:106 Resp: 4911
Ion Ratio Lower Upper
106 100
91 219.5 165.5 248.3



#69
o-Xylene
Concen: 0.582 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037807.D
Acq: 19 Sep 2023 15:40

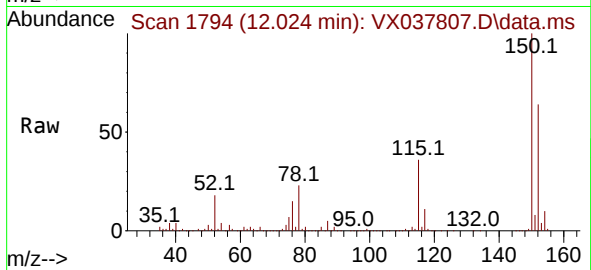
Tgt Ion:106 Resp: 3048
Ion Ratio Lower Upper
106 100
91 225.2 108.9 326.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037807.D
 Acq: 19 Sep 2023 15:40

Instrument :
 MSVOA_X
 ClientSampleId :
 1027



Tgt Ion:152 Resp: 190628
 Ion Ratio Lower Upper
 152 100
 115 60.1 43.3 129.9
 150 159.0 0.0 345.0

