

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035798.D
 Acq On : 22 May 2023 20:28
 Operator : JC/MD
 Sample : 02884-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2004

Quant Time: May 23 06:17:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

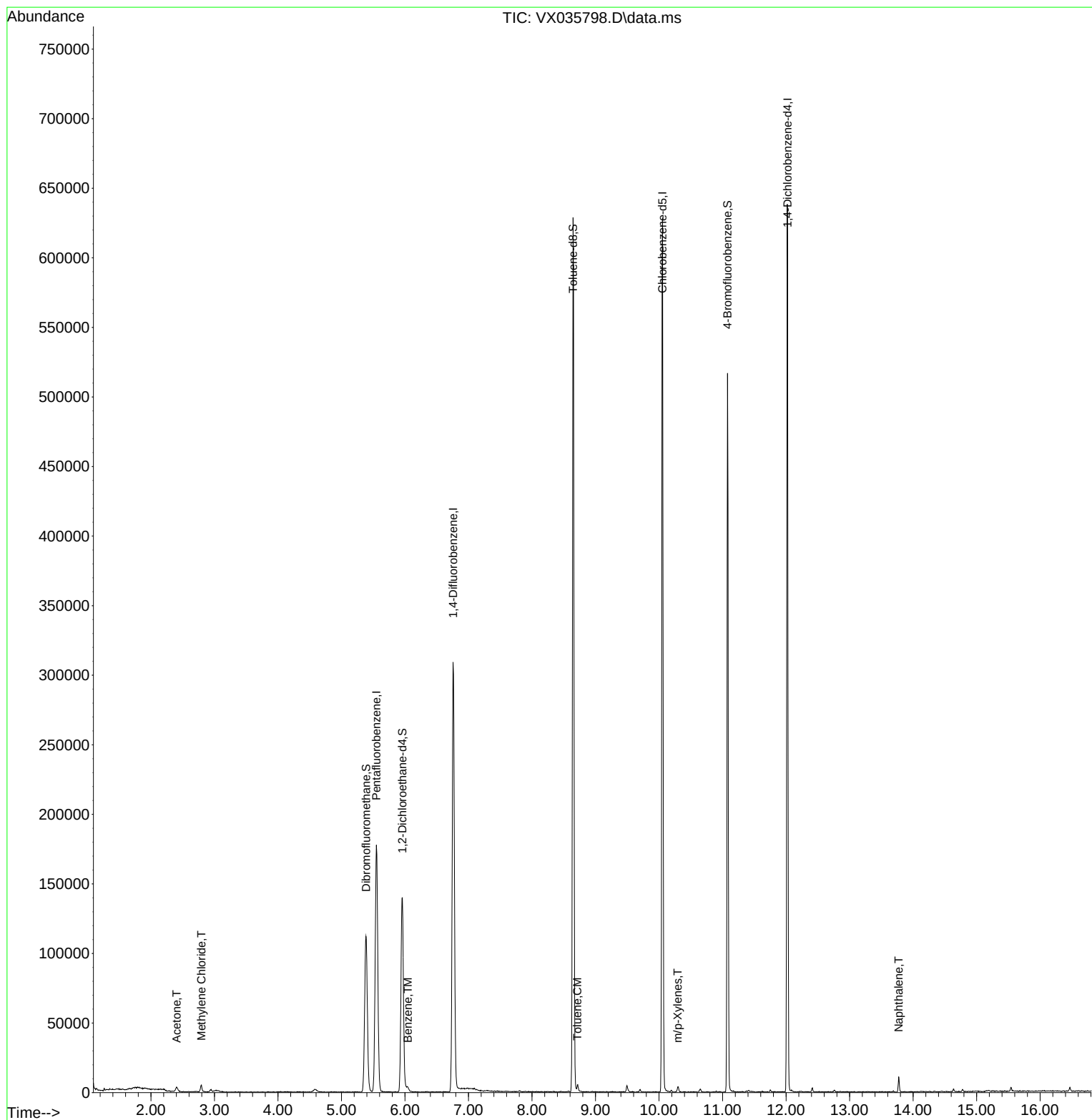
Internal Standards						
1) Pentafluorobenzene	5.550	168	166240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	310593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134411	46.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.700%
35) Dibromofluoromethane	5.385	113	98610	47.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.647	98	359370	46.442	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.880%
62) 4-Bromofluorobenzene	11.079	95	134870	43.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.580%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	5483	4.399	ug/l	89
20) Methylene Chloride	2.794	84	2105	0.932	ug/l #	83
40) Benzene	6.044	78	3702	0.400	ug/l #	88
52) Toluene	8.714	92	1556	0.267	ug/l	95
68) m/p-Xylenes	10.293	106	857	0.201	ug/l	97
95) Naphthalene	13.774	128	6088	0.653	ug/l #	96

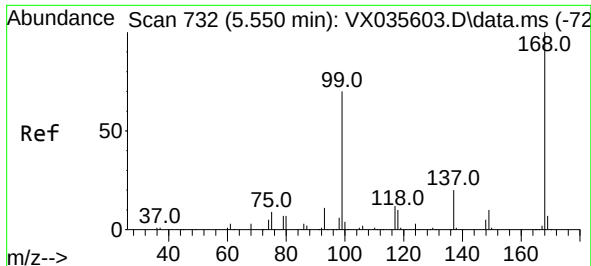
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

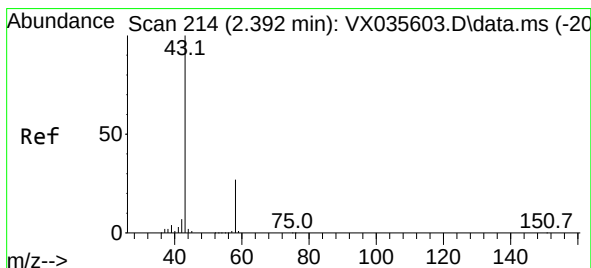
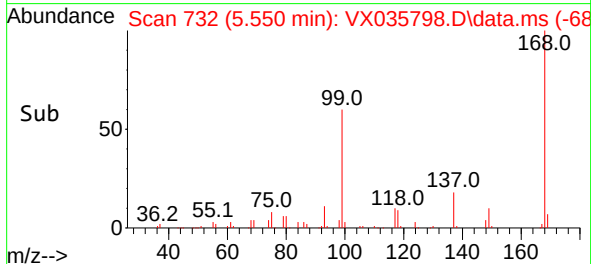
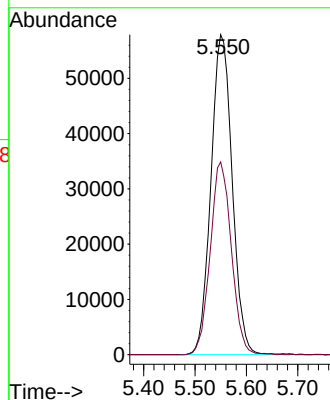
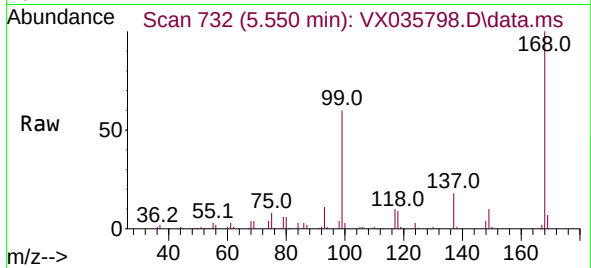




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035798.D
Acq: 22 May 2023 20:28

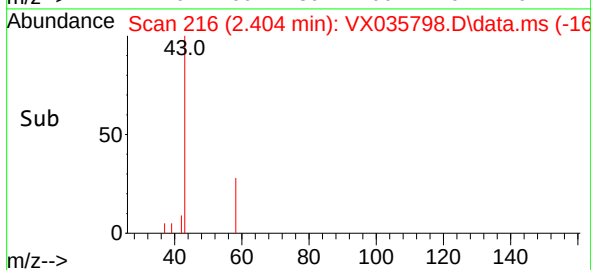
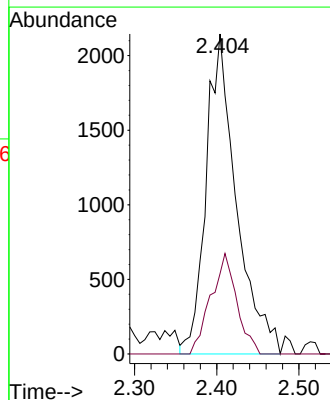
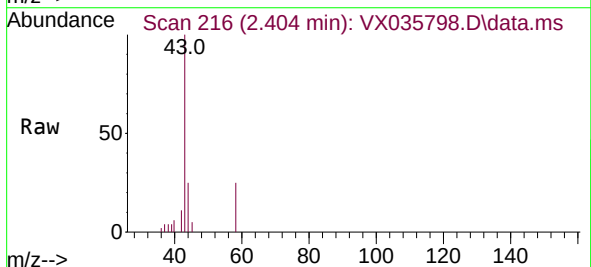
Instrument :
MSVOA_X
ClientSampleId :
2004

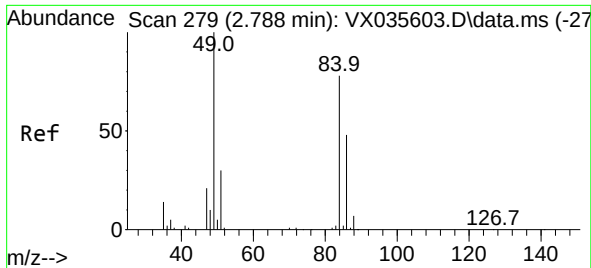
Tgt Ion:168 Resp: 166240
Ion Ratio Lower Upper
168 100
99 60.3 45.7 68.5



#16
Acetone
Concen: 4.399 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035798.D
Acq: 22 May 2023 20:28

Tgt Ion: 43 Resp: 5483
Ion Ratio Lower Upper
43 100
58 25.1 24.7 37.1

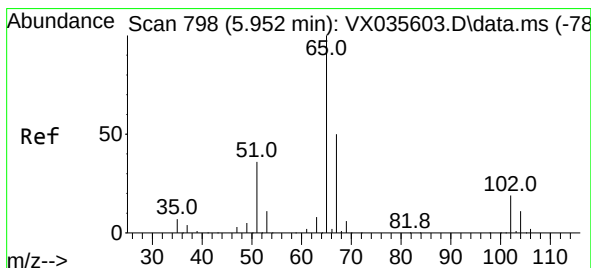
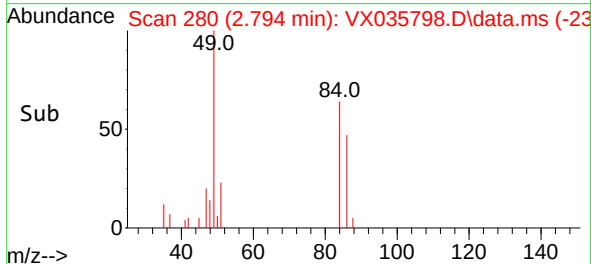
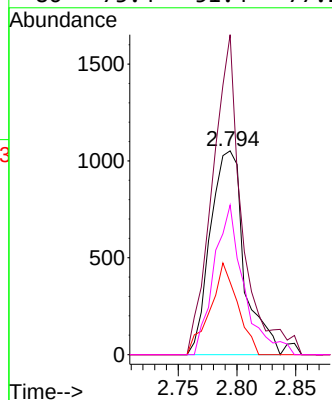
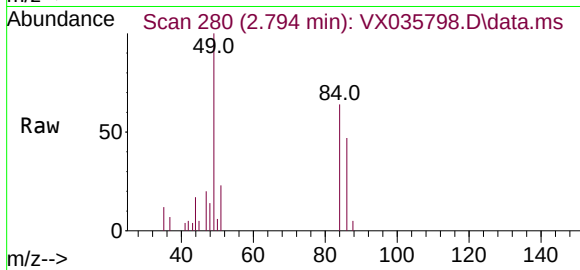




#20
Methylene Chloride
Concen: 0.932 ug/l
RT: 2.794 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VX035798.D
Acq: 22 May 2023 20:28

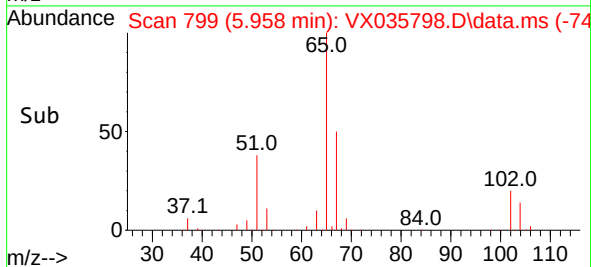
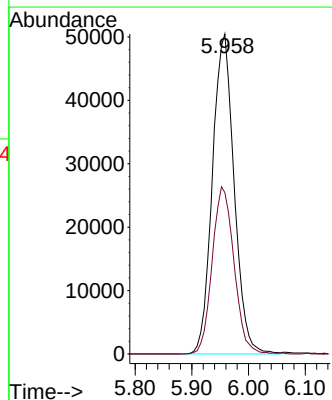
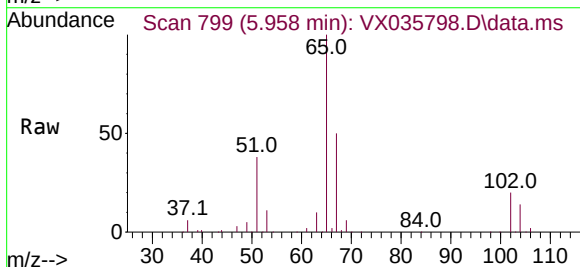
Instrument :
MSVOA_X
ClientSampleId :
2004

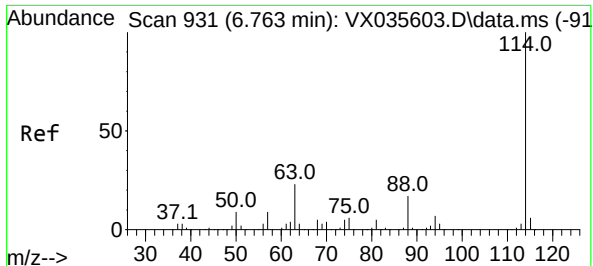
Tgt Ion:	84	Resp:	2105
Ion	Ratio	Lower	Upper
84	100		
49	157.0	103.8	155.8#
51	35.6	31.8	47.8
86	73.4	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 46.347 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035798.D
Acq: 22 May 2023 20:28

Tgt Ion:	65	Resp:	134411
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.0

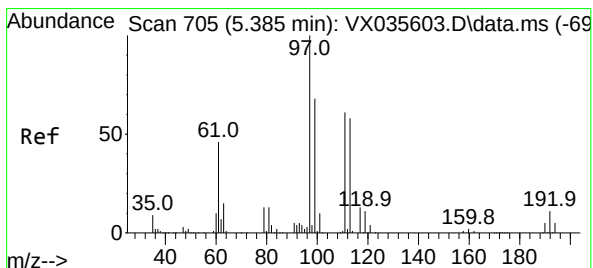
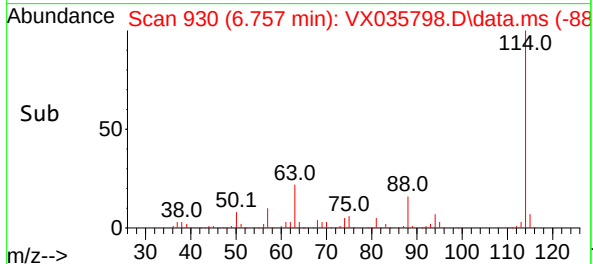
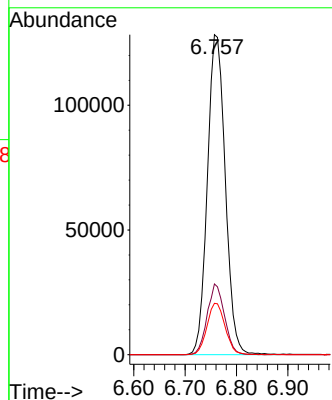
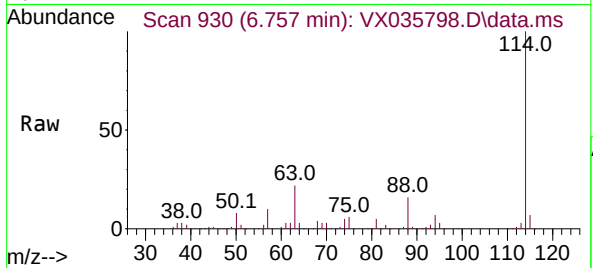




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035798.D
Acq: 22 May 2023 20:28

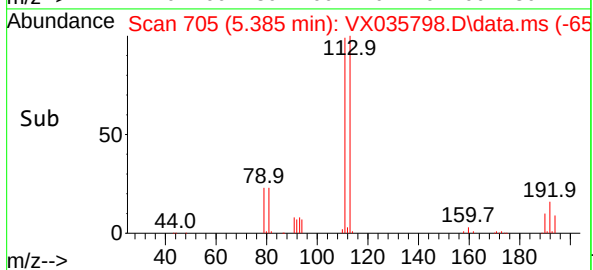
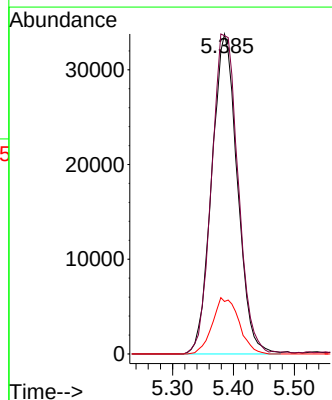
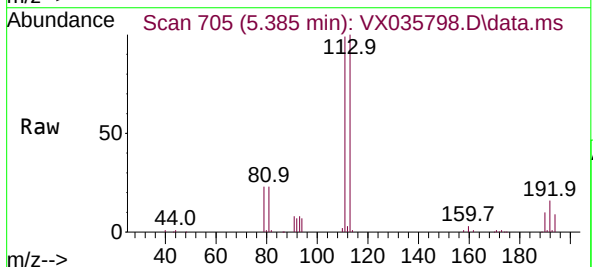
Instrument :
MSVOA_X
ClientSampleId :
2004

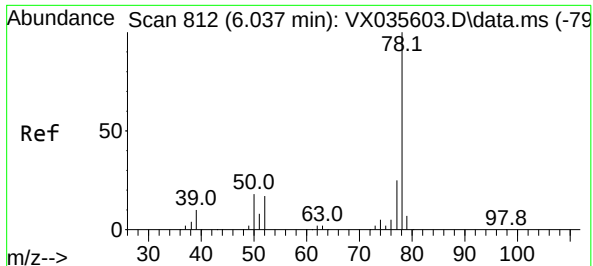
Tgt Ion:114 Resp: 310593
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.078 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035798.D
Acq: 22 May 2023 20:28

Tgt Ion:113 Resp: 98610
Ion Ratio Lower Upper
113 100
111 103.9 83.7 125.5
192 18.2 15.4 23.2





#40

Benzene

Concen: 0.400 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX035798.D

Acq: 22 May 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

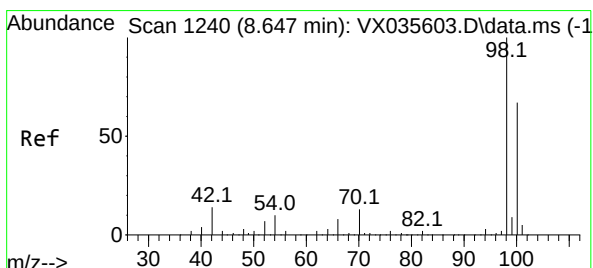
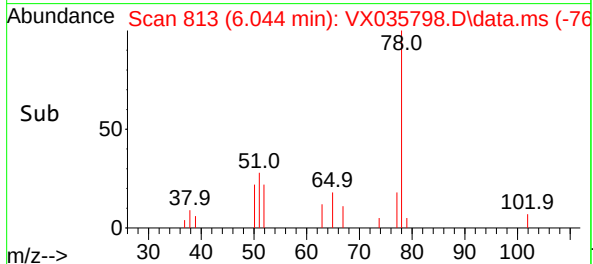
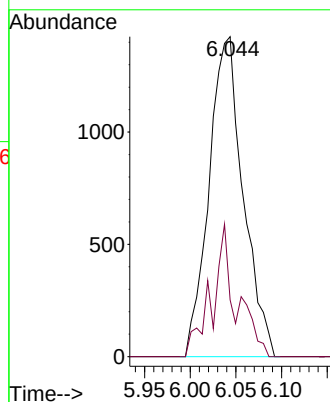
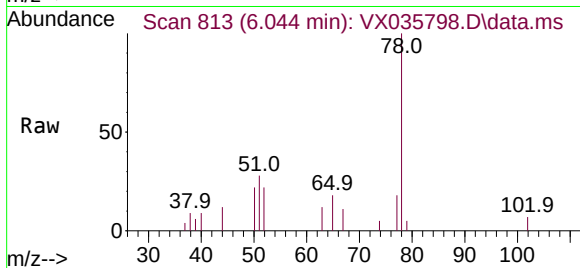
2004

Tgt Ion: 78 Resp: 3702

Ion Ratio Lower Upper

78 100

77 17.8 19.0 28.4#



#50

Toluene-d8

Concen: 46.442 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035798.D

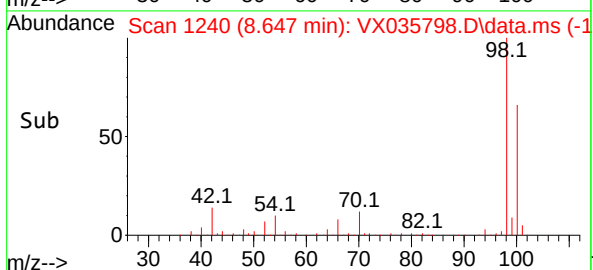
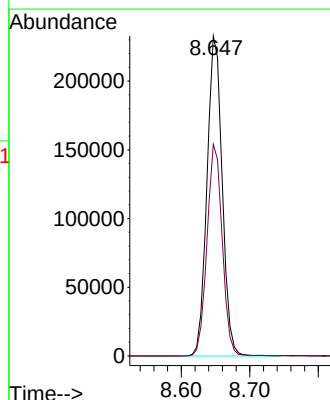
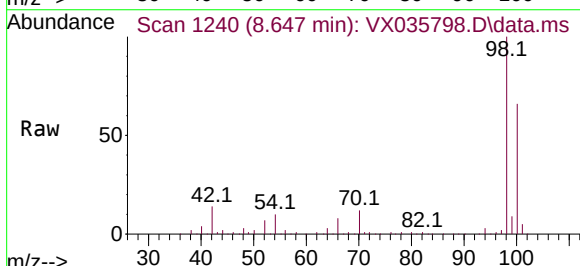
Acq: 22 May 2023 20:28

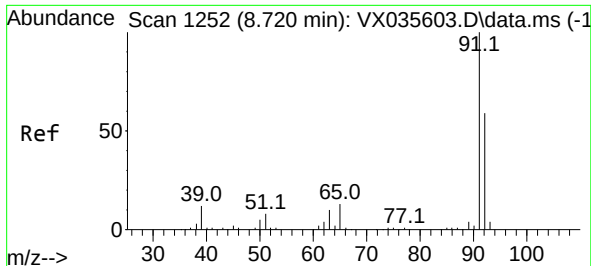
Tgt Ion: 98 Resp: 359370

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7





#52

Toluene

Concen: 0.267 ug/l

RT: 8.714 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035798.D

Acq: 22 May 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

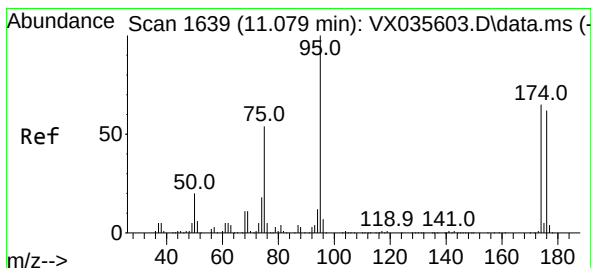
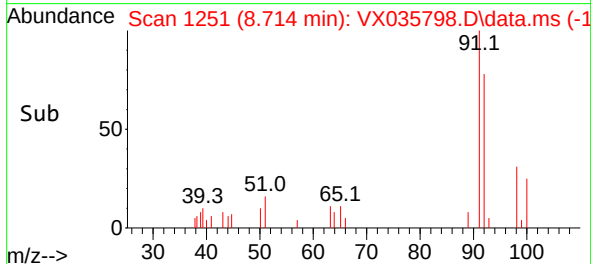
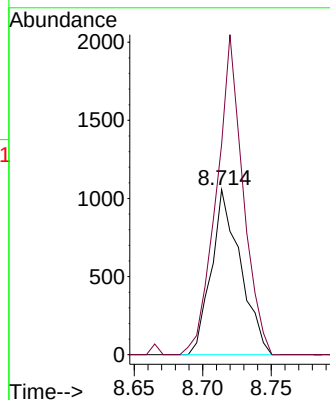
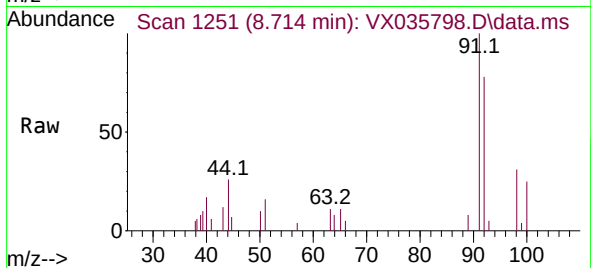
2004

Tgt Ion: 92 Resp: 1556

Ion Ratio Lower Upper

92 100

91 178.5 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 43.287 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035798.D

Acq: 22 May 2023 20:28

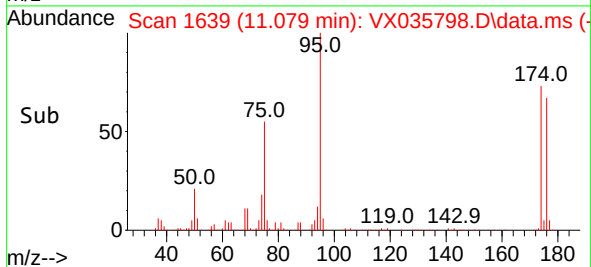
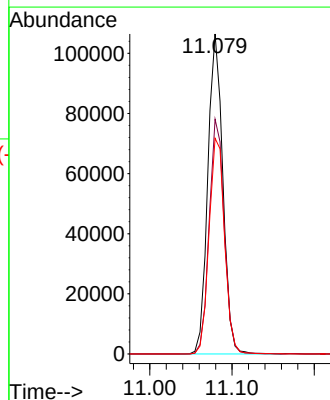
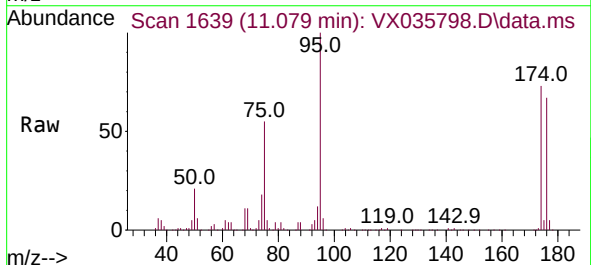
Tgt Ion: 95 Resp: 134870

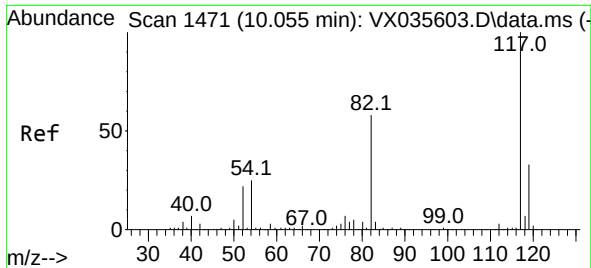
Ion Ratio Lower Upper

95 100

174 73.6 0.0 147.4

176 69.7 0.0 140.6

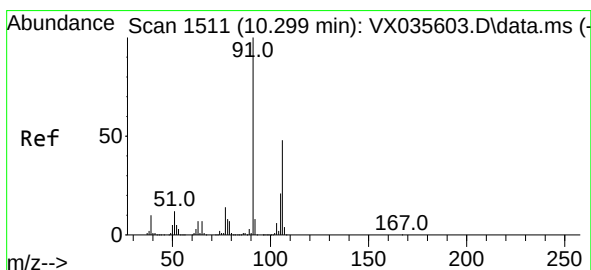
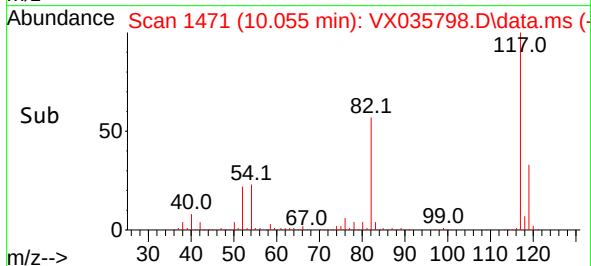
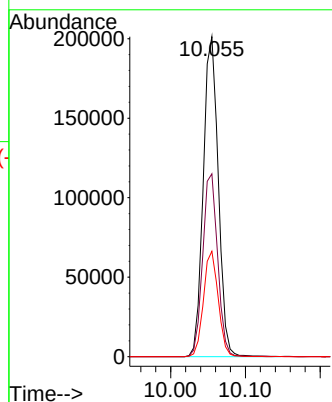
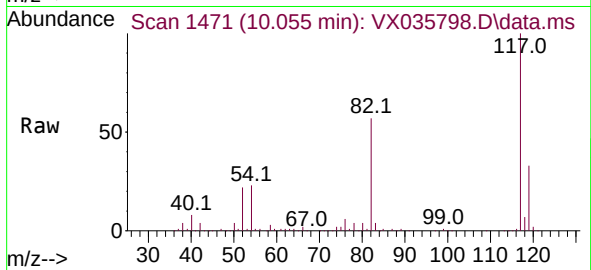




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035798.D
Acq: 22 May 2023 20:28

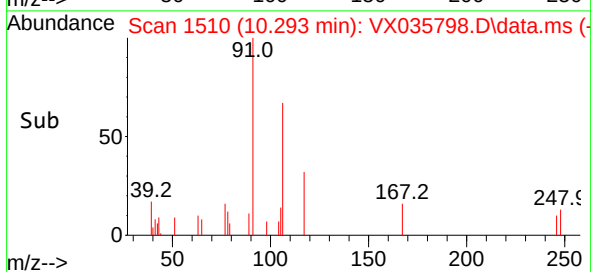
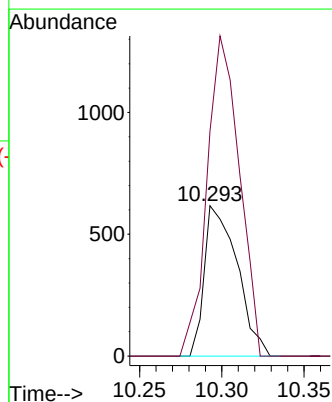
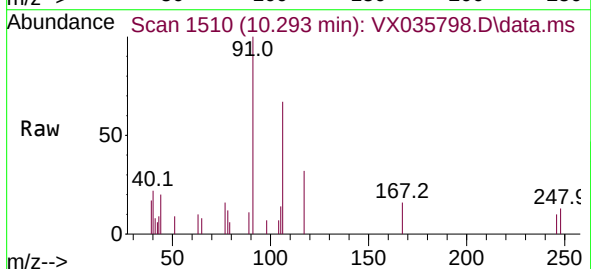
Instrument :
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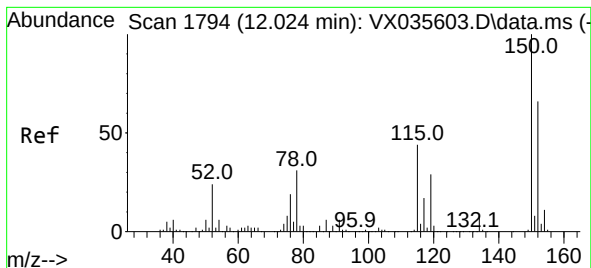
Tgt Ion:117 Resp: 280756
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 32.9 26.0 39.0



#68
m/p-Xylenes
Concen: 0.201 ug/l
RT: 10.293 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VX035798.D
Acq: 22 May 2023 20:28

Tgt Ion:106 Resp: 857
Ion Ratio Lower Upper
106 100
91 209.6 164.0 246.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035798.D

Acq: 22 May 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

2004

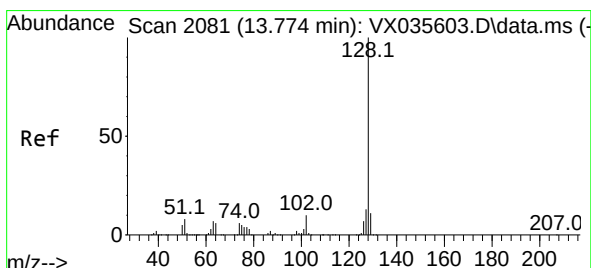
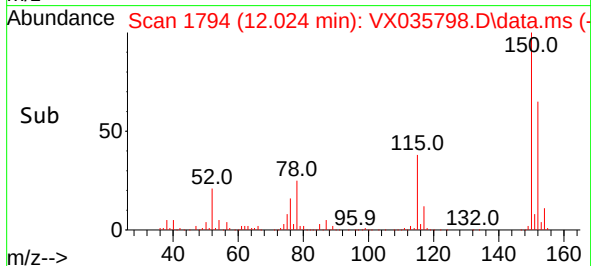
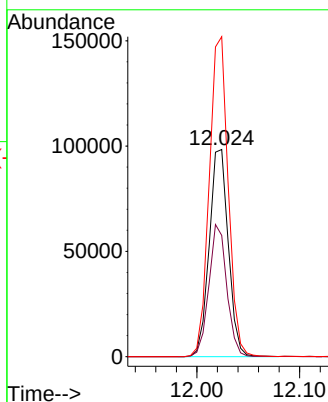
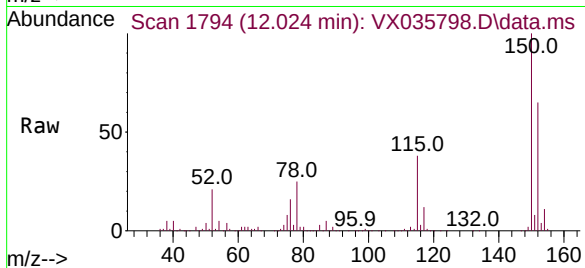
Tgt Ion:152 Resp: 127092

Ion Ratio Lower Upper

152 100

115 60.2 45.0 135.0

150 153.2 0.0 352.4



#95

Naphthalene

Concen: 0.653 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035798.D

Acq: 22 May 2023 20:28

Tgt Ion:128 Resp: 6088

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

129 13.0 8.6 13.0#

