

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037798.D
 Acq On : 19 Sep 2023 12:11
 Operator : JC/MD
 Sample : 04479-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1027

Quant Time: Sep 20 01:00:29 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)

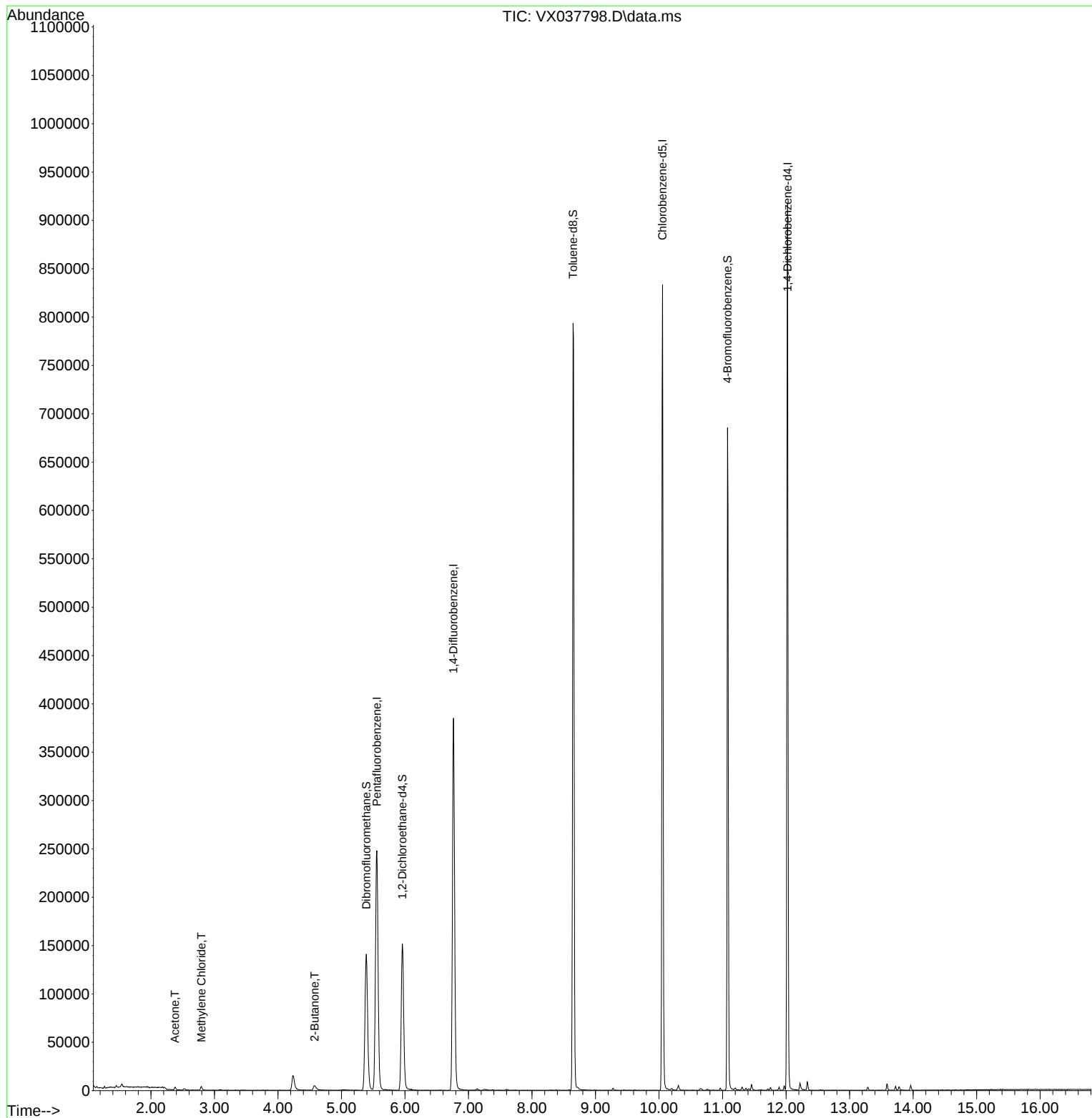
Internal Standards						
1) Pentafluorobenzene	5.556	168	240842	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	401915	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	379788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145751	46.061	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.120%
35) Dibromofluoromethane	5.391	113	124220	46.192	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	8.647	98	492517	49.290	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	179539	49.447	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.900%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3226	2.119	ug/l	# 82
20) Methylene Chloride	2.794	84	1733	0.591	ug/l	90
25) 2-Butanone	4.574	43	8803	4.098	ug/l	94

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

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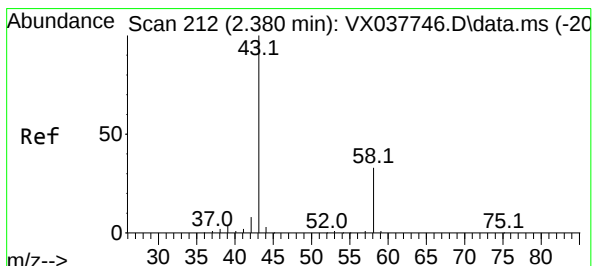
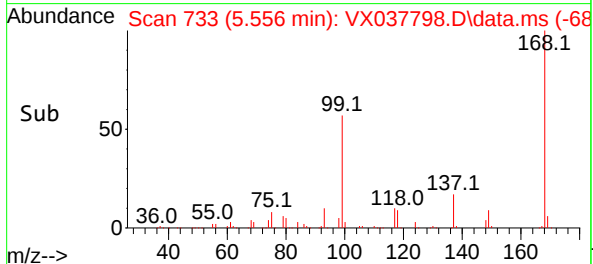
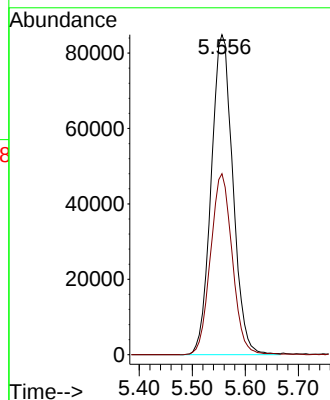
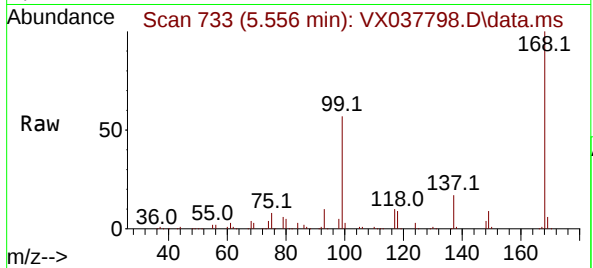




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037798.D
Acq: 19 Sep 2023 12:11

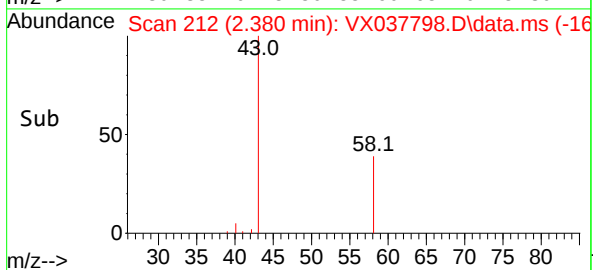
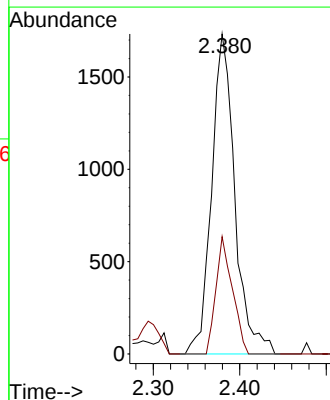
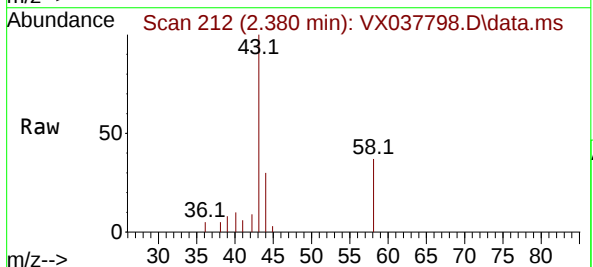
Instrument :
MSVOA_X
ClientSampleId :
1027

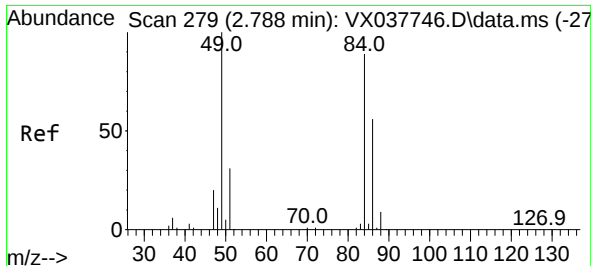
Tgt Ion:168 Resp: 240842
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#16
Acetone
Concen: 2.119 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037798.D
Acq: 19 Sep 2023 12:11

Tgt Ion: 43 Resp: 3226
Ion Ratio Lower Upper
43 100
58 36.6 21.9 32.9#

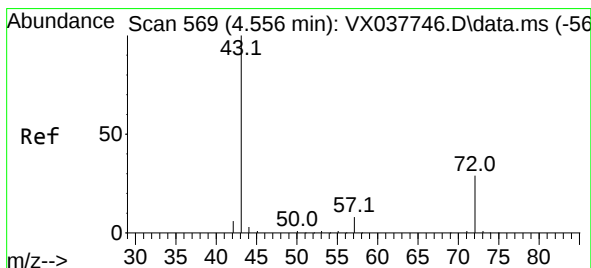
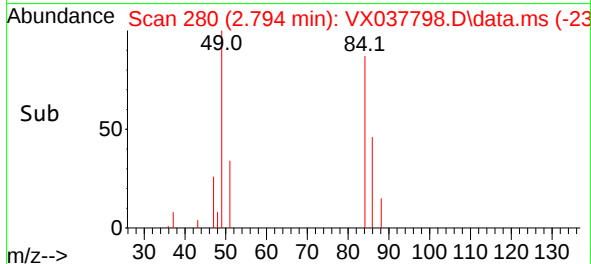
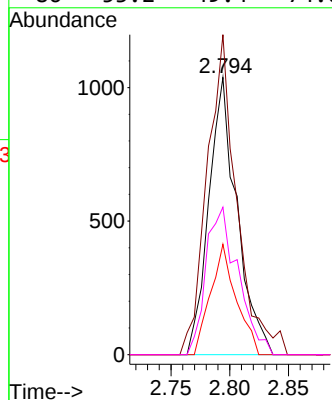
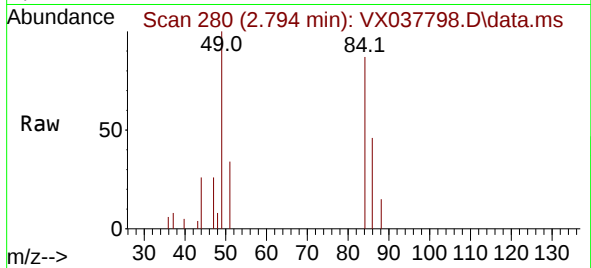




#20
Methylene Chloride
Concen: 0.591 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037798.D
Acq: 19 Sep 2023 12:11

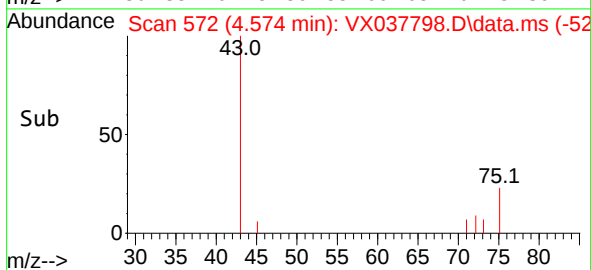
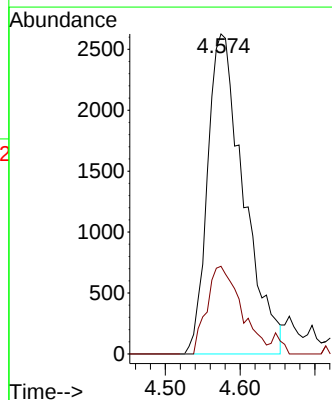
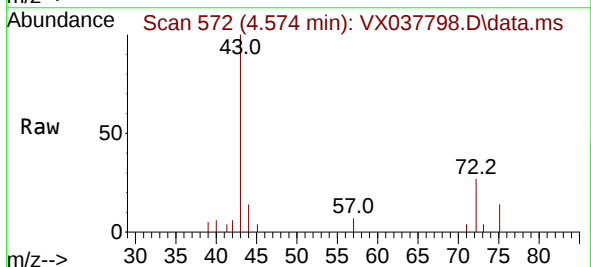
Instrument :
MSVOA_X
ClientSampleId :
1027

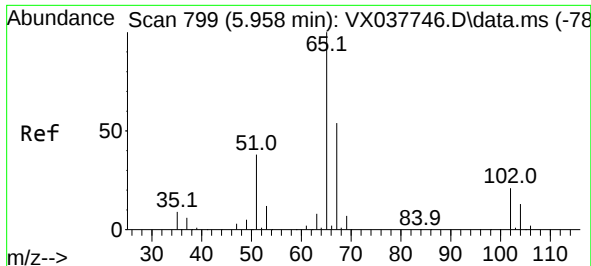
Tgt Ion:	84	Resp:	1733
Ion	Ratio	Lower	Upper
84	100		
49	115.4	103.6	155.4
51	39.8	33.8	50.6
86	53.2	49.4	74.0



#25
2-Butanone
Concen: 4.098 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX037798.D
Acq: 19 Sep 2023 12:11

Tgt Ion:	43	Resp:	8803
Ion	Ratio	Lower	Upper
43	100		
72	27.4	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 46.061 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037798.D

Acq: 19 Sep 2023 12:11

Instrument :

MSVOA_X

ClientSampleId :

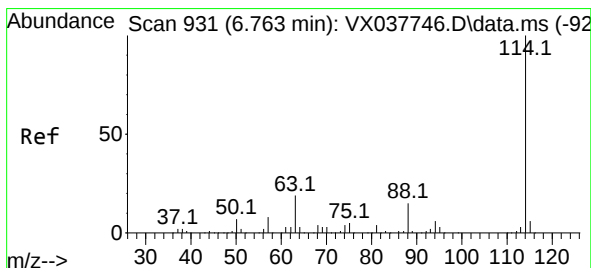
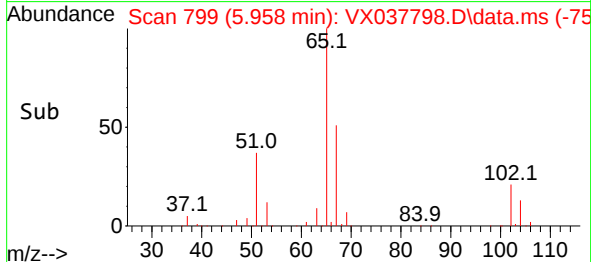
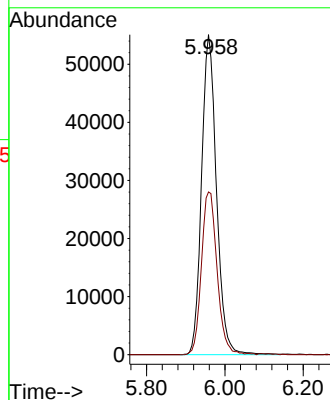
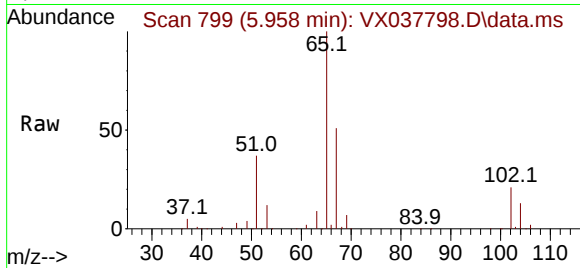
1027

Tgt Ion: 65 Resp: 145751

Ion Ratio Lower Upper

65 100

67 53.2 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: VX037798.D

Acq: 19 Sep 2023 12:11

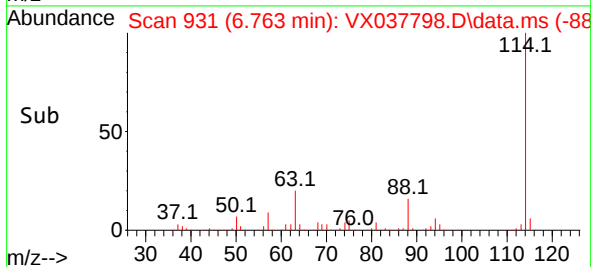
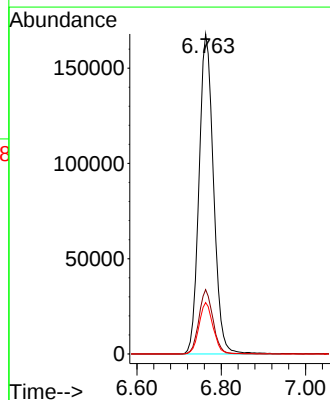
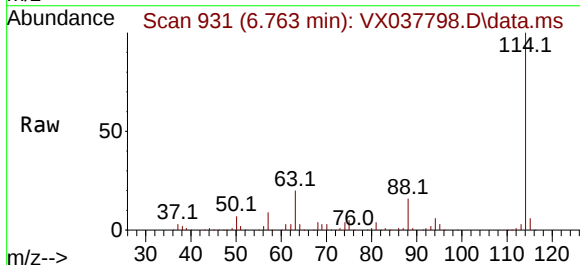
Tgt Ion: 114 Resp: 401915

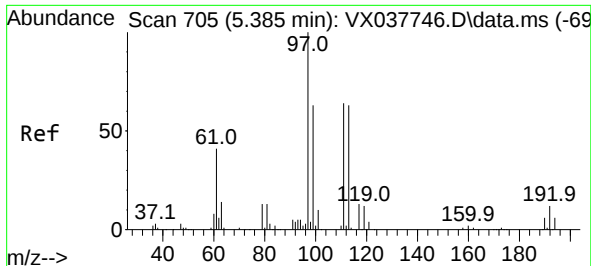
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.192 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037798.D

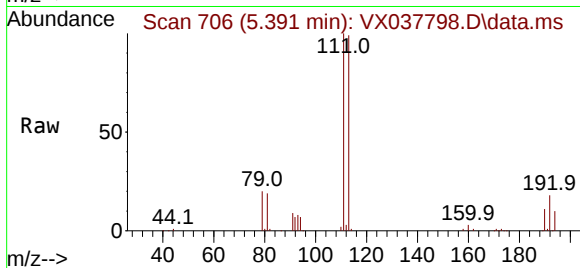
Acq: 19 Sep 2023 12:11

Instrument :

MSVOA_X

ClientSampleId :

1027



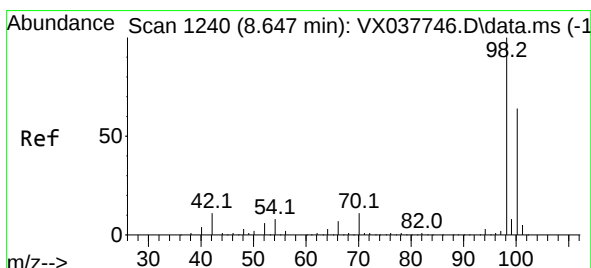
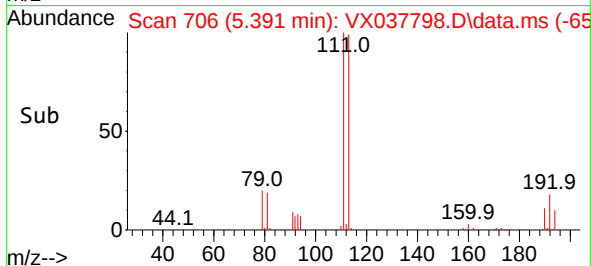
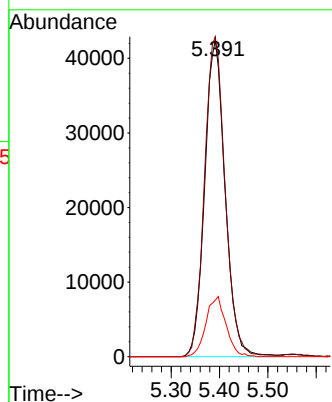
Tgt Ion:113 Resp: 124220

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 18.7 13.3 19.9



#50

Toluene-d8

Concen: 49.290 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037798.D

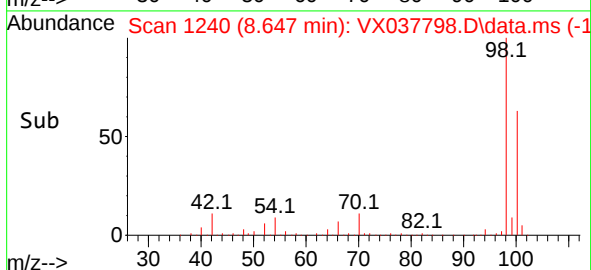
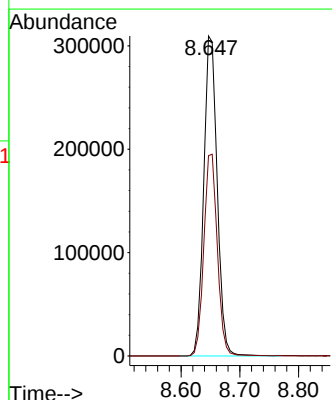
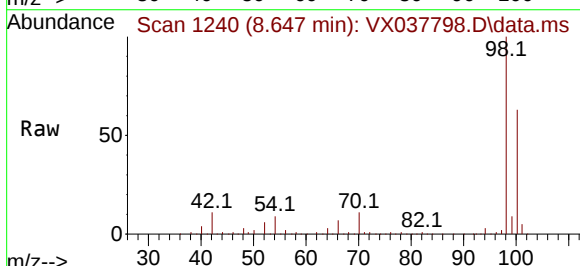
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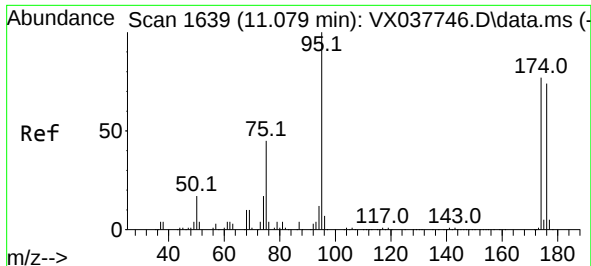
Tgt Ion: 98 Resp: 492517

Ion Ratio Lower Upper

98 100

100 63.4 53.1 79.7

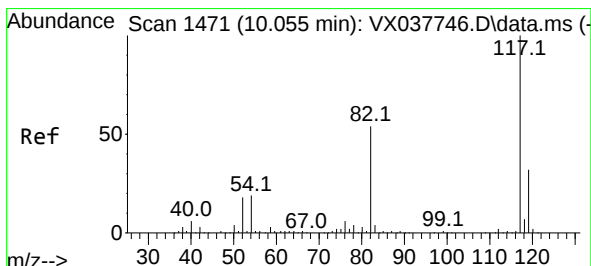
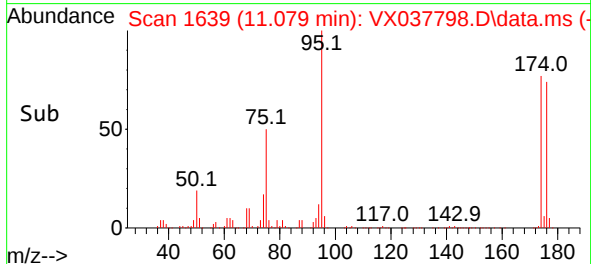
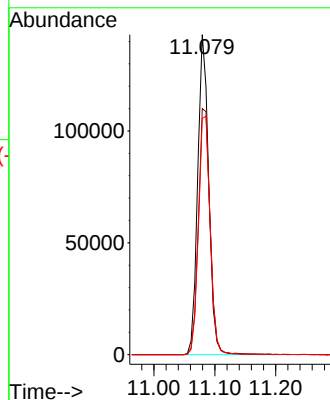
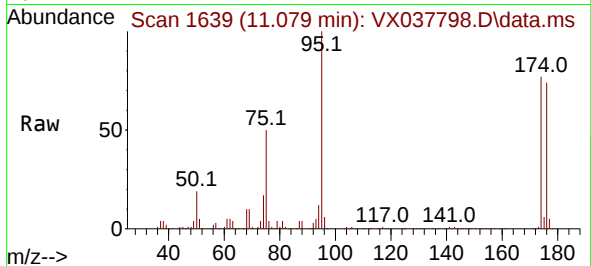




#62
4-Bromofluorobenzene
Concen: 49.447 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037798.D
Acq: 19 Sep 2023 12:11

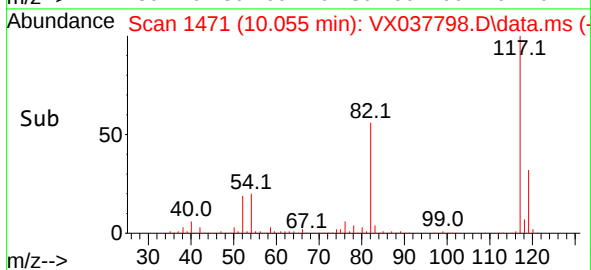
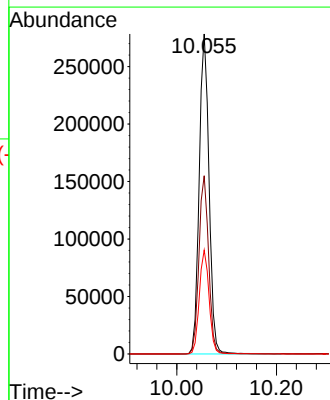
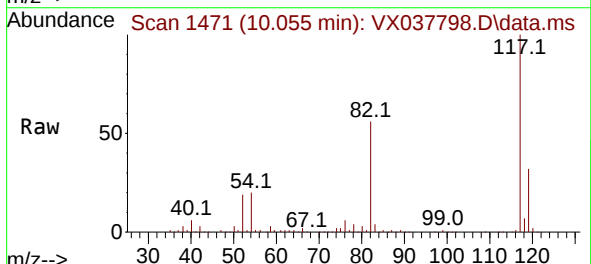
Instrument :
MSVOA_X
ClientSampleId :
1027

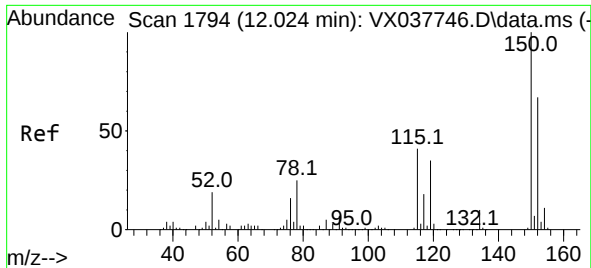
Tgt Ion: 95 Resp: 179539
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 79.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037798.D
Acq: 19 Sep 2023 12:11

Tgt Ion: 117 Resp: 379788
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037798.D

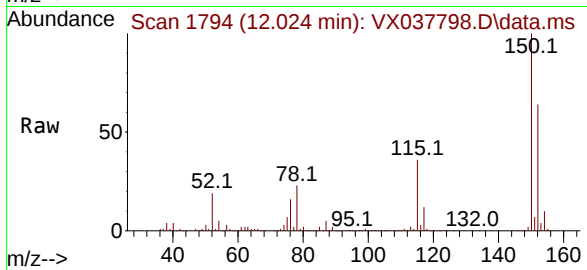
Acq: 19 Sep 2023 12:11

Instrument :

MSVOA_X

ClientSampleId :

1027



Tgt Ion:152 Resp: 193630

Ion Ratio Lower Upper

152 100

115 59.9 43.3 129.9

150 157.1 0.0 345.0

