

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037670.D
 Acq On : 12 Sep 2023 15:48
 Operator : JC/MD
 Sample : 04373-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1044-MW-11(15)

Quant Time: Sep 13 01:46:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

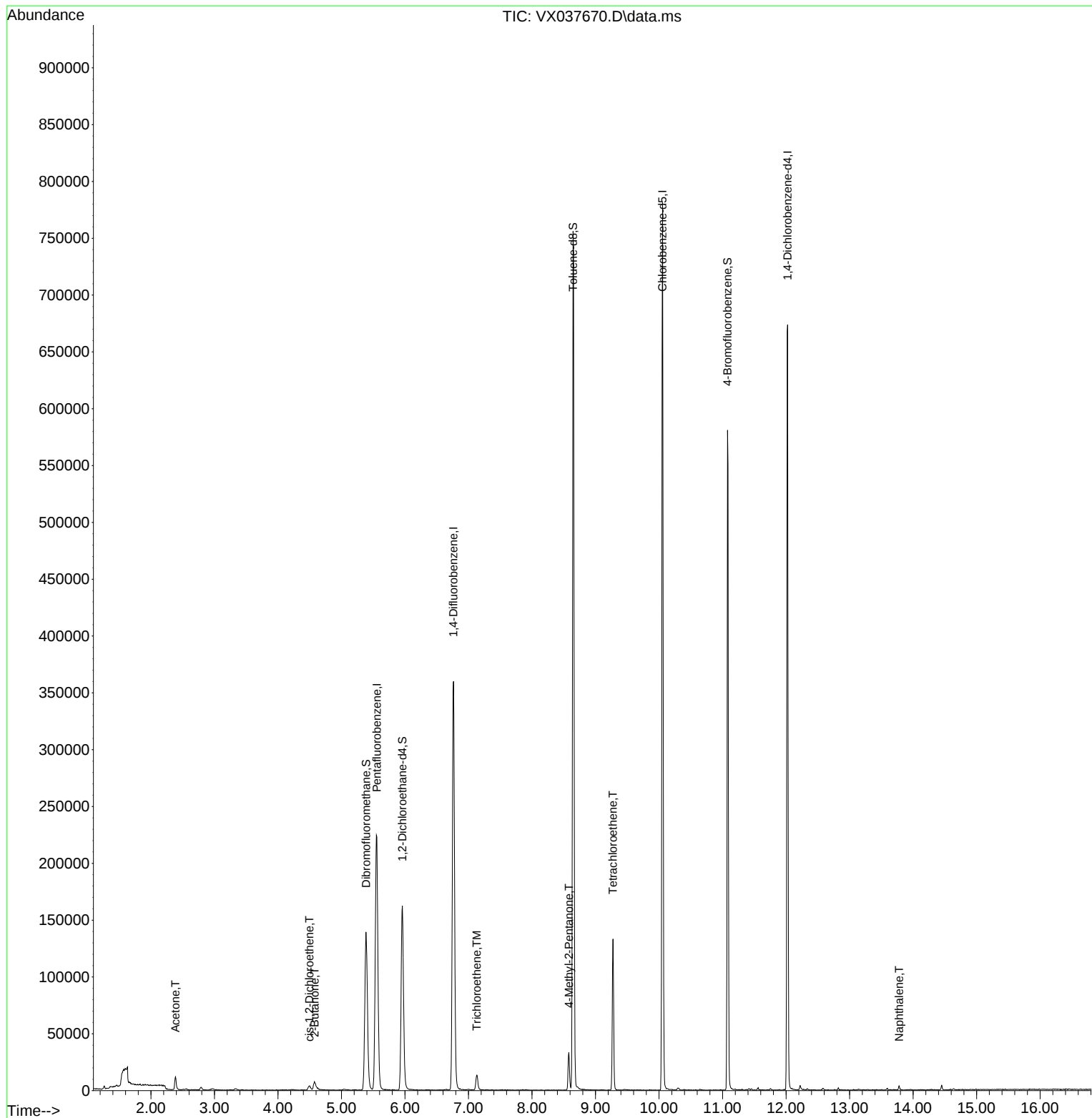
Internal Standards						
1) Pentafluorobenzene	5.556	168	210138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	370402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155902	45.855	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.720%
35) Dibromofluoromethane	5.385	113	121255	46.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.360%
50) Toluene-d8	8.647	98	460107	46.467	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.940%
62) 4-Bromofluorobenzene	11.079	95	152949	42.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.640%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	12336	8.975	ug/l	90
25) 2-Butanone	4.574	43	14201	6.336	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	2294	0.756	ug/l	91
44) Trichloroethene	7.129	130	5346	1.976	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	19956	4.661	ug/l	98
64) Tetrachloroethene	9.275	164	24078	10.793	ug/l	98
95) Naphthalene	13.780	128	2540	0.249	ug/l #	96

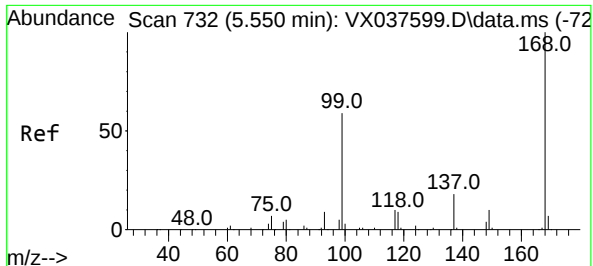
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 13 01:46:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

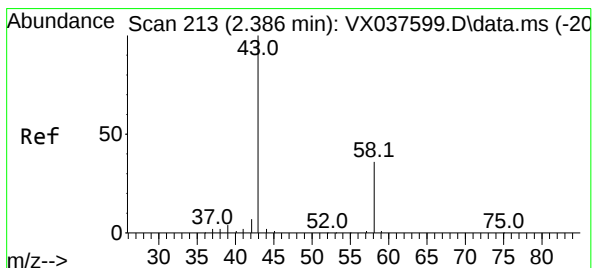
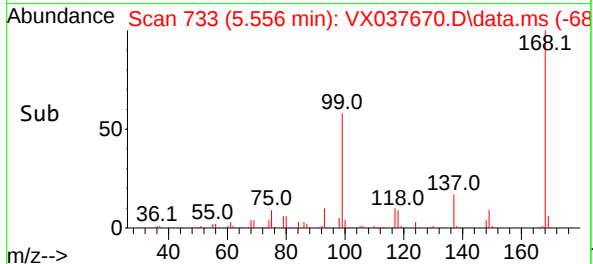
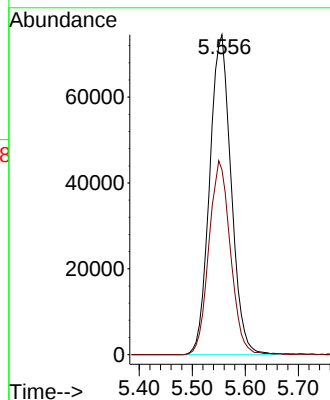
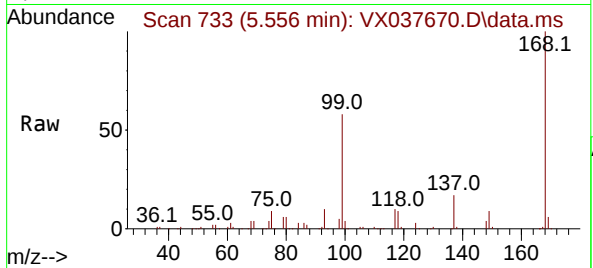




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037670.D
Acq: 12 Sep 2023 15:48

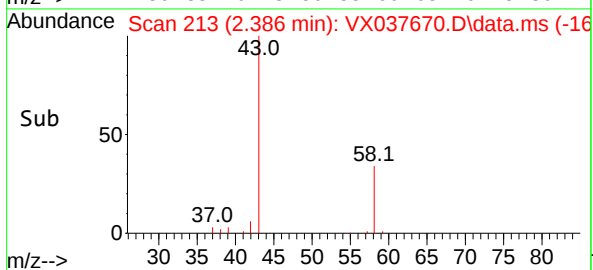
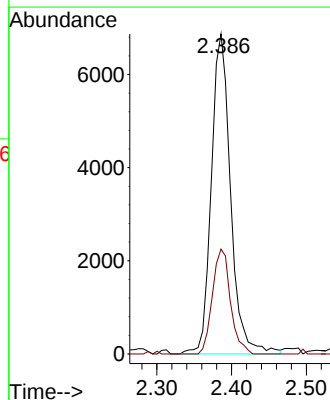
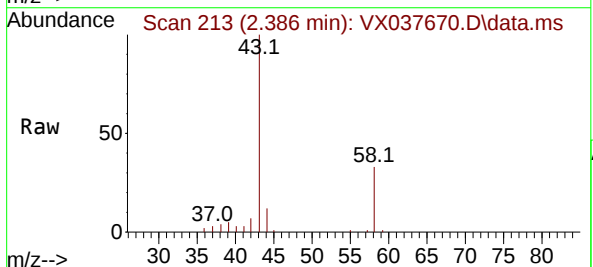
Instrument :
MSVOA_X
ClientSampleId :
1044-MW-11(15)

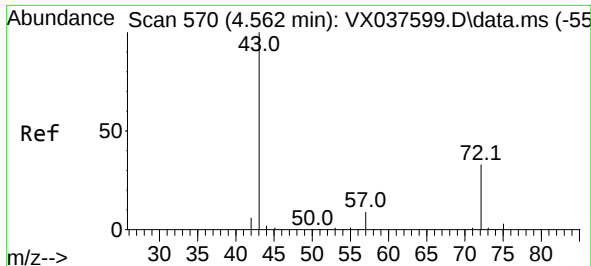
Tgt Ion:168 Resp: 210138
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#16
Acetone
Concen: 8.975 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037670.D
Acq: 12 Sep 2023 15:48

Tgt Ion: 43 Resp: 12336
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9

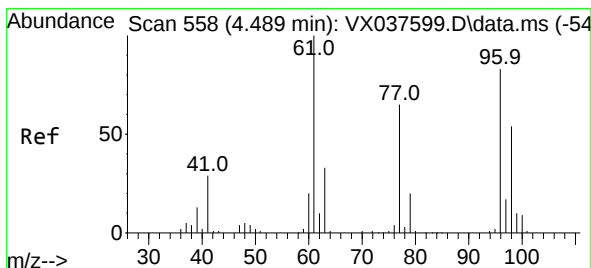
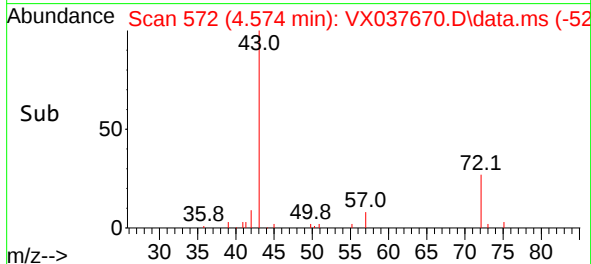
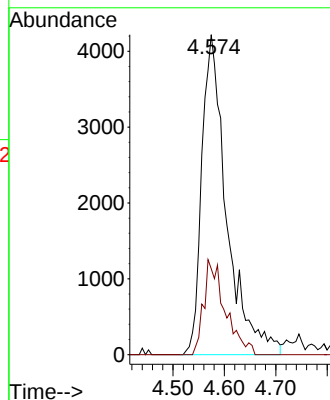
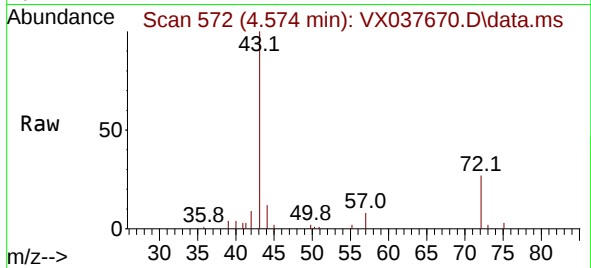




#25
2-Butanone
Concen: 6.336 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037670.D
Acq: 12 Sep 2023 15:48

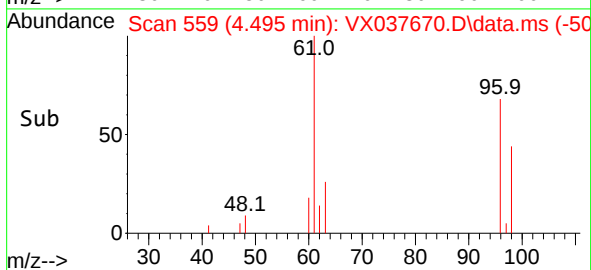
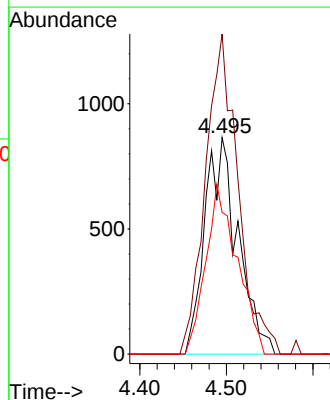
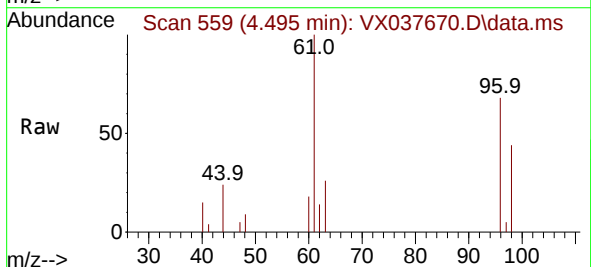
Instrument :
MSVOA_X
ClientSampleId :
1044-MW-11(15)

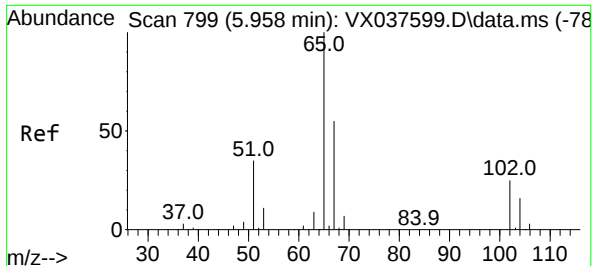
Tgt Ion: 43 Resp: 14201
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 0.756 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037670.D
Acq: 12 Sep 2023 15:48

Tgt Ion: 96 Resp: 2294
Ion Ratio Lower Upper
96 100
61 145.4 0.0 312.2
98 74.2 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 45.855 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037670.D

Acq: 12 Sep 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

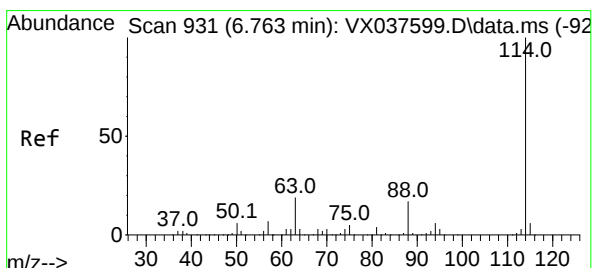
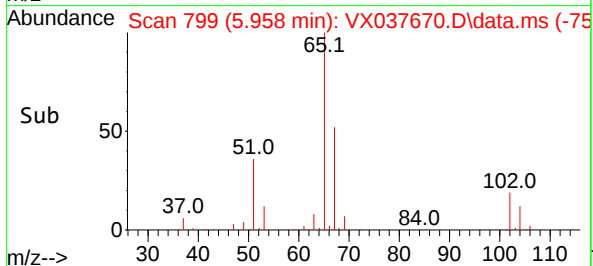
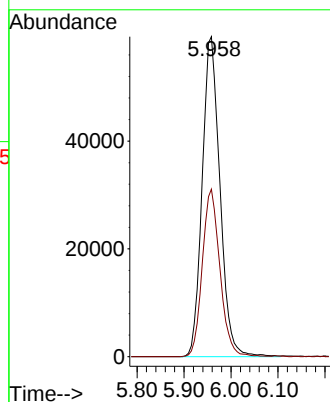
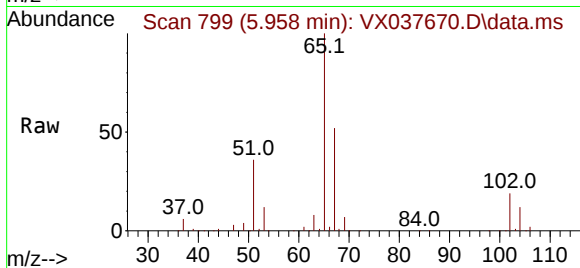
1044-MW-11(15)

Tgt Ion: 65 Resp: 155902

Ion Ratio Lower Upper

65 100

67 51.9 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: VX037670.D

Acq: 12 Sep 2023 15:48

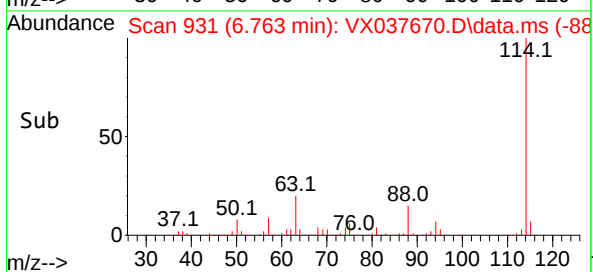
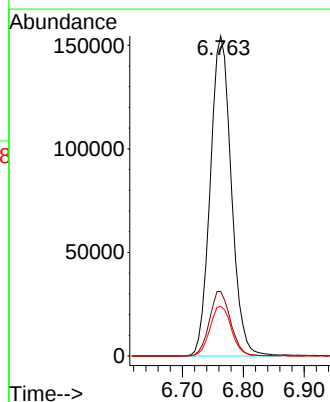
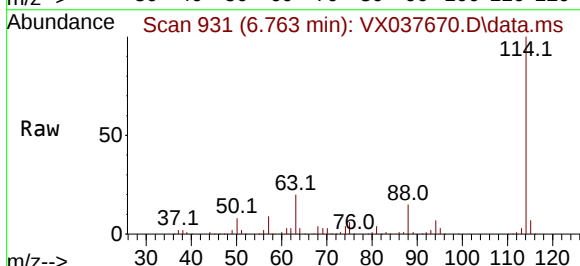
Tgt Ion: 114 Resp: 370402

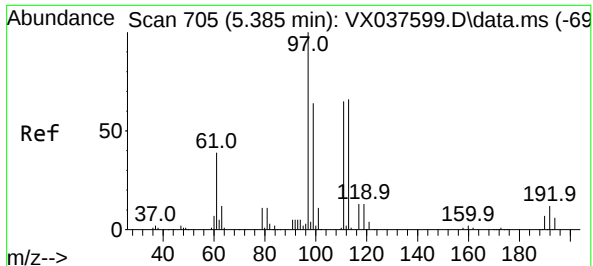
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.184 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037670.D

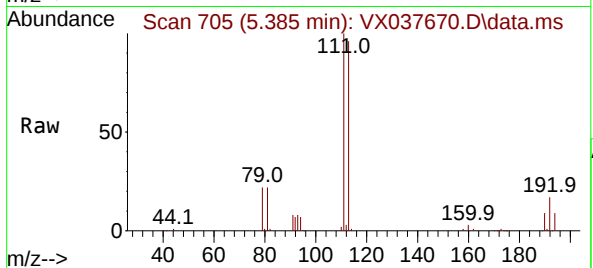
Acq: 12 Sep 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

1044-MW-11(15)



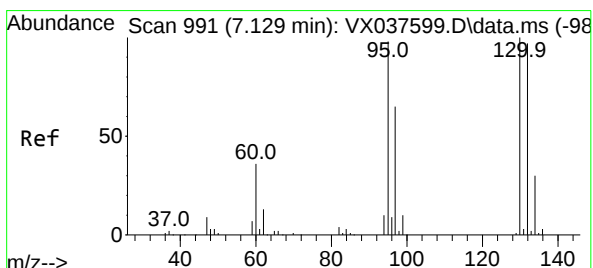
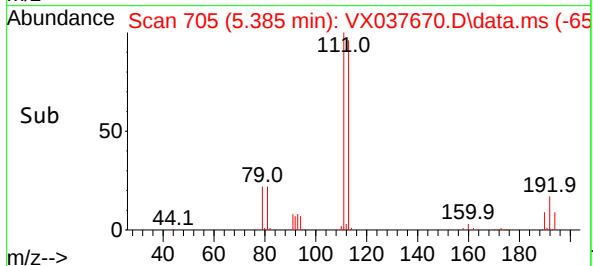
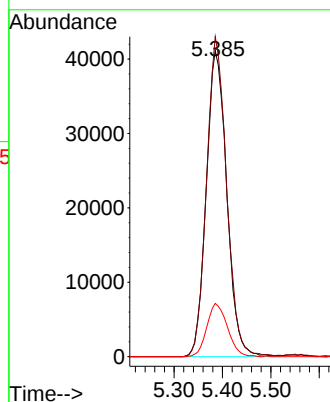
Tgt Ion:113 Resp: 121255

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 17.5 13.3 19.9



#44

Trichloroethene

Concen: 1.976 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX037670.D

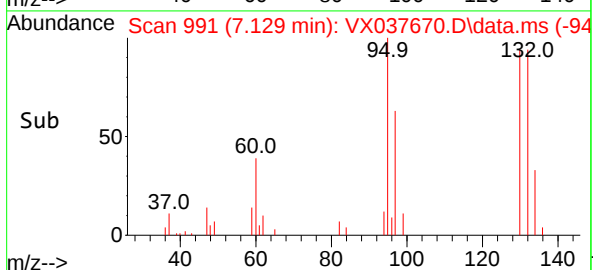
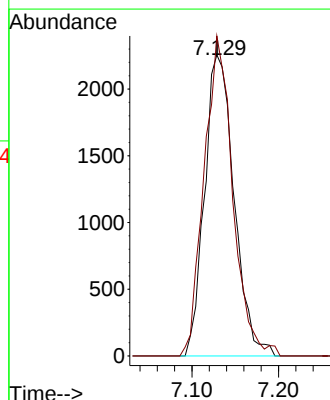
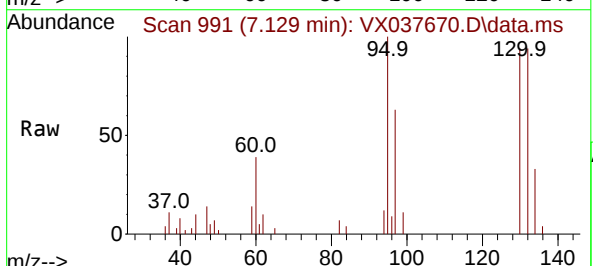
Acq: 12 Sep 2023 15:48

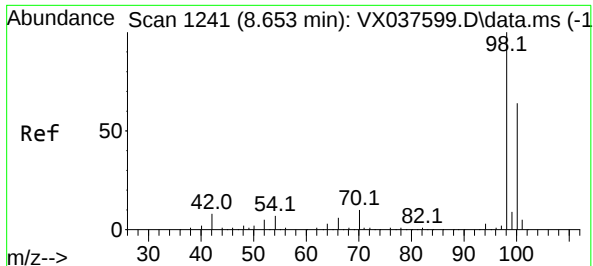
Tgt Ion:130 Resp: 5346

Ion Ratio Lower Upper

130 100

95 106.3 0.0 204.4

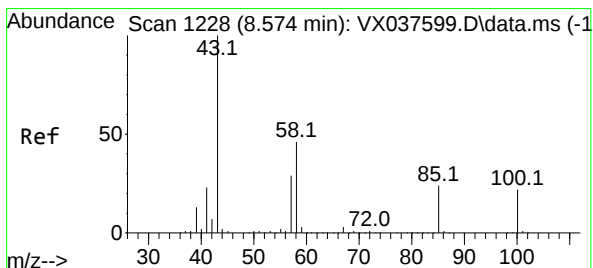
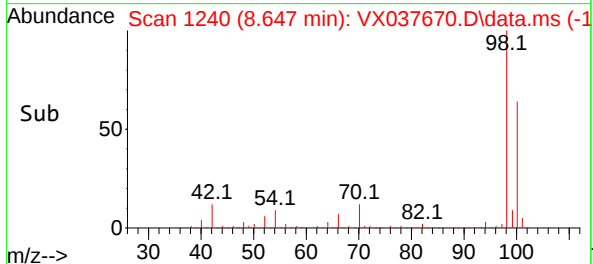
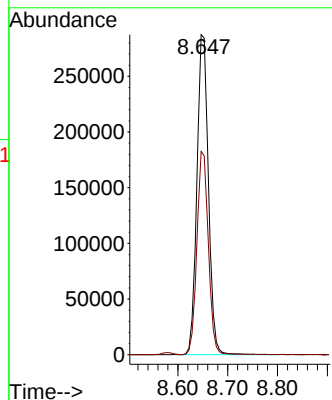
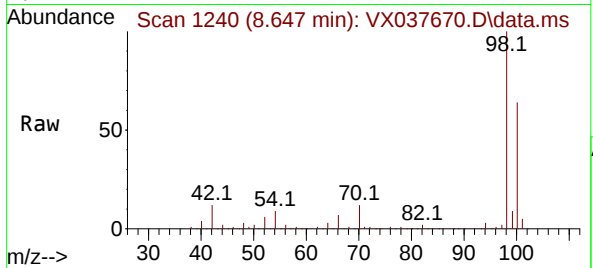




#50
Toluene-d8
Concen: 46.467 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037670.D
Acq: 12 Sep 2023 15:48

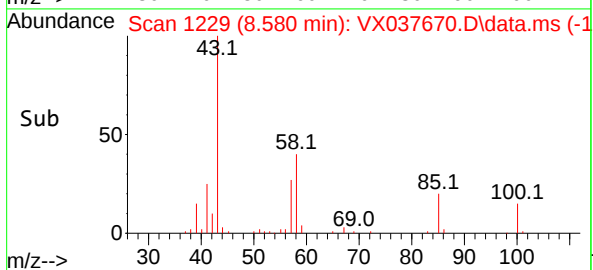
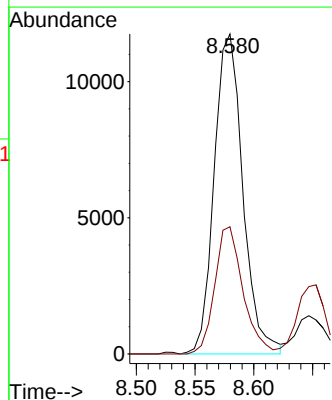
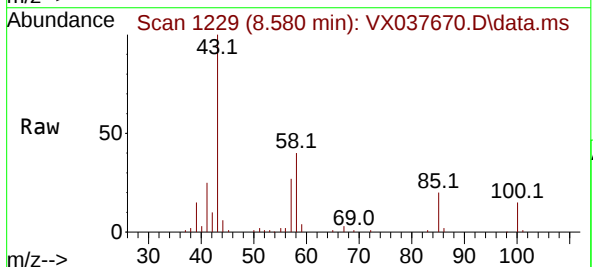
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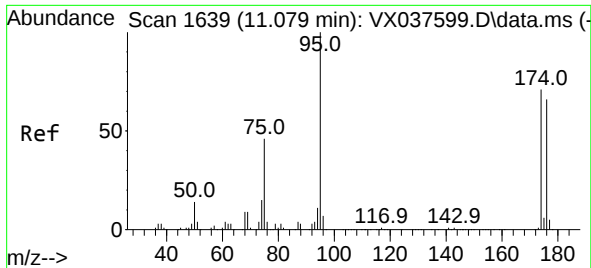
Tgt Ion: 98 Resp: 460107
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 4.661 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037670.D
Acq: 12 Sep 2023 15:48

Tgt Ion: 43 Resp: 19956
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

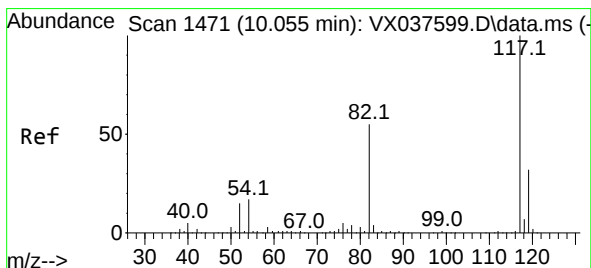
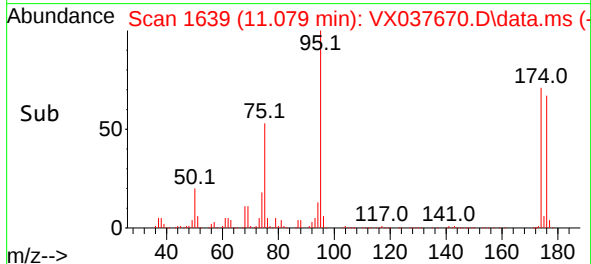
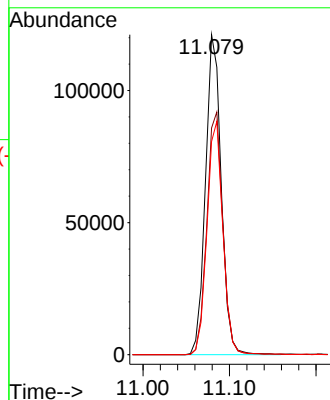
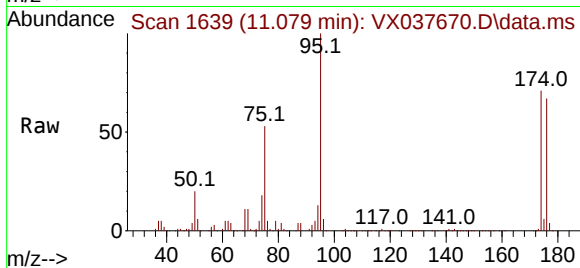




#62
4-Bromofluorobenzene
Concen: 42.816 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037670.D
Acq: 12 Sep 2023 15:48

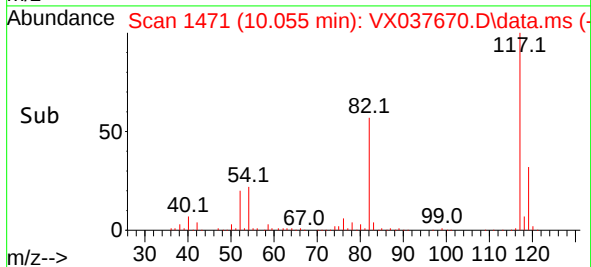
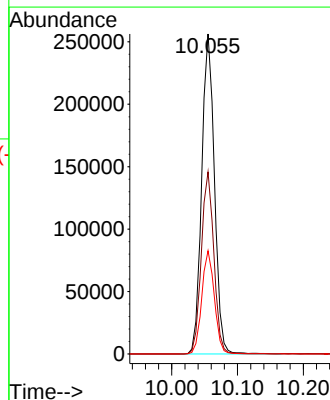
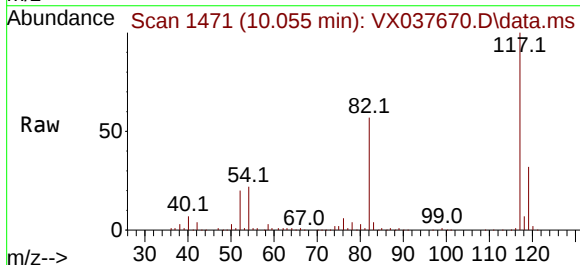
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1044-MW-11(15)

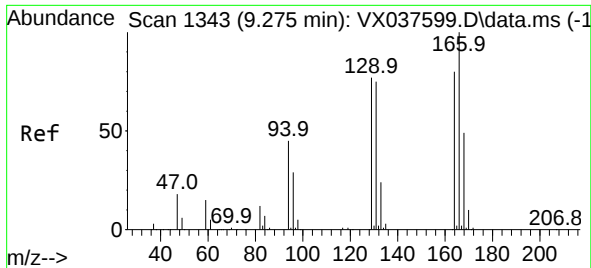
Tgt Ion: 95 Resp: 152949
Ion Ratio Lower Upper
95 100
174 77.2 0.0 135.6
176 73.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037670.D
Acq: 12 Sep 2023 15:48

Tgt Ion: 117 Resp: 344335
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.3 25.5 38.3

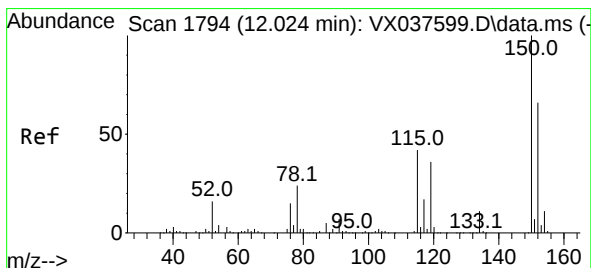
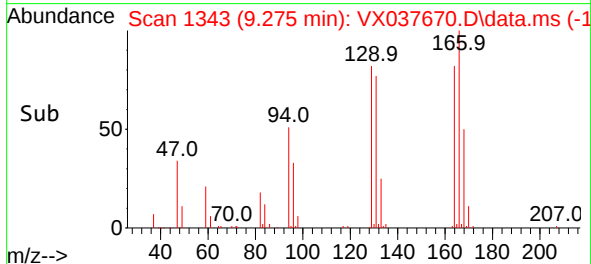
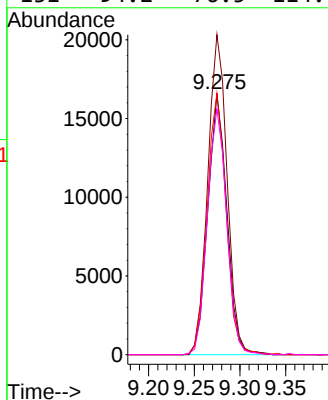
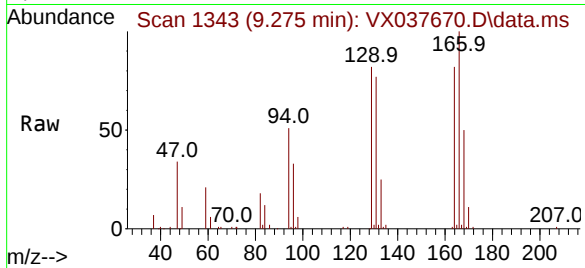




#64
Tetrachloroethene
Concen: 10.793 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037670.D
Acq: 12 Sep 2023 15:48

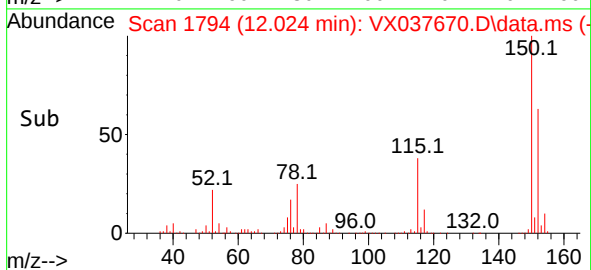
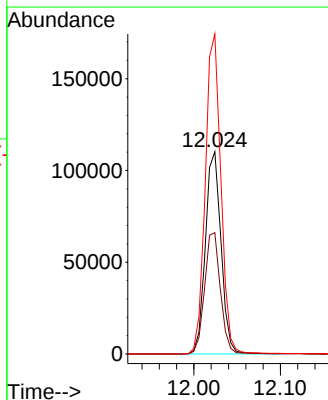
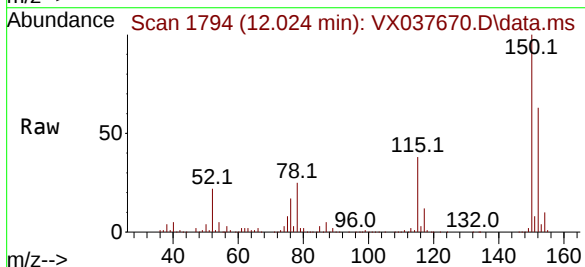
Instrument :
MSVOA_X
ClientSampleId :
1044-MW-11(15)

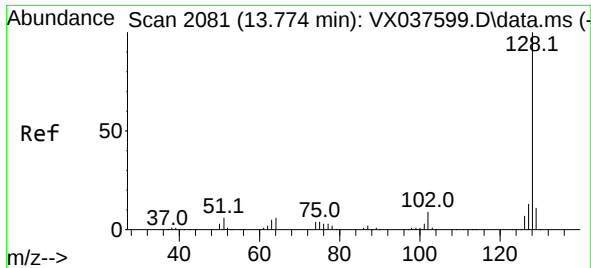
Tgt Ion:164	Resp:	24078
Ion	Ratio	Lower Upper
164	100	
166	122.7	102.7 154.1
129	100.2	80.4 120.6
131	94.2	76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037670.D
Acq: 12 Sep 2023 15:48

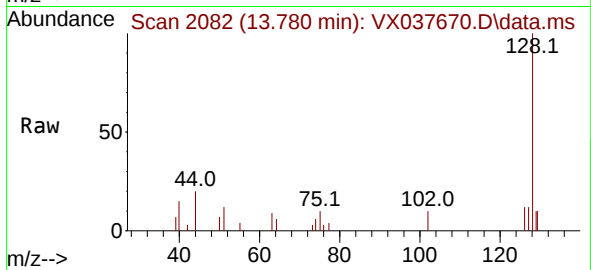
Tgt Ion:152	Resp:	138548
Ion	Ratio	Lower Upper
152	100	
115	60.8	43.3 129.9
150	157.9	0.0 345.0





#95
Naphthalene
Concen: 0.249 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037670.D
Acq: 12 Sep 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :
1044-MW-11(15)



Tgt Ion:128 Resp: 2540
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 13.8 8.8 13.2#

