

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037690.D
 Acq On : 13 Sep 2023 13:16
 Operator : JC/MD
 Sample : 04373-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 14 02:19:07 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)

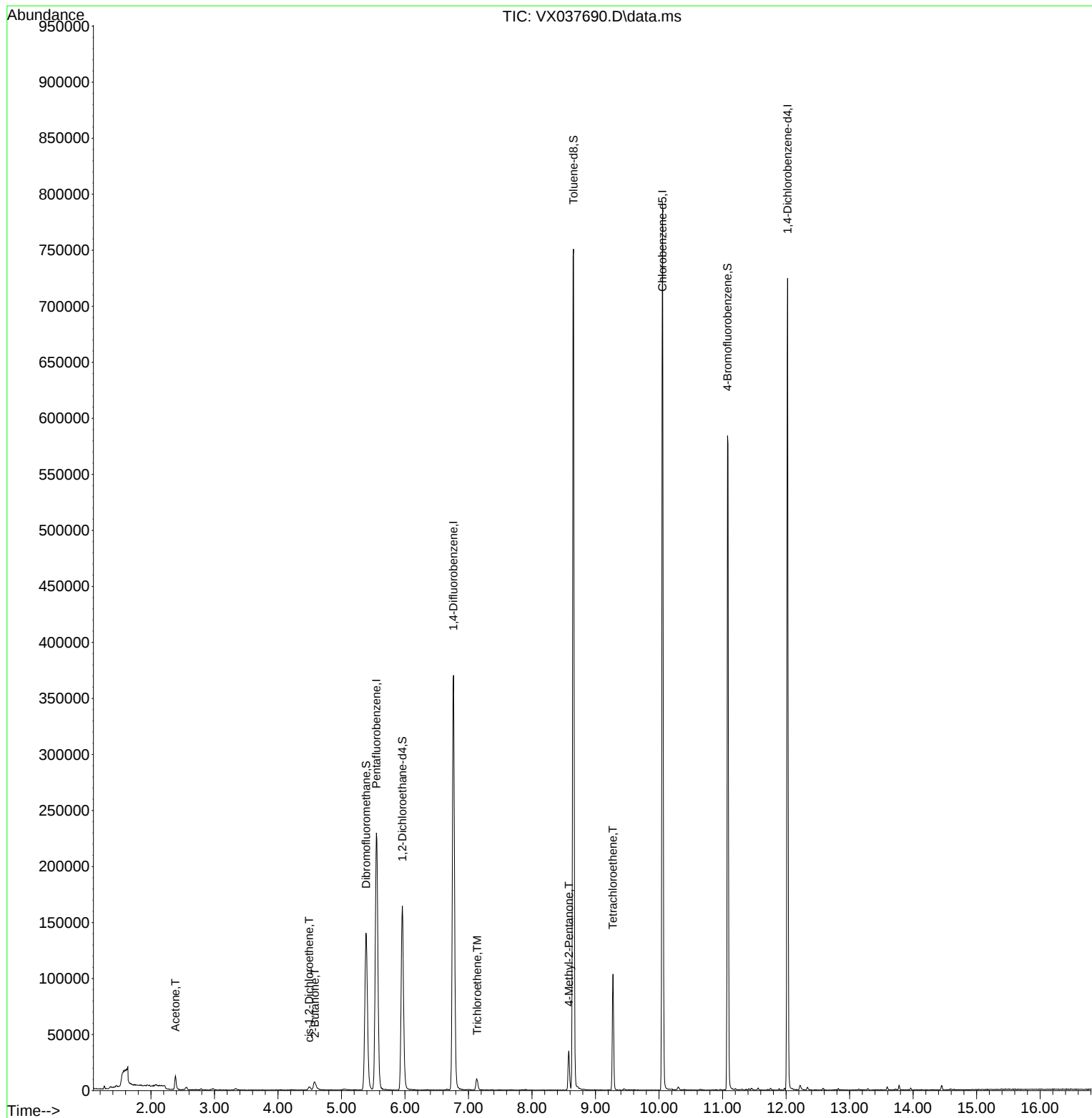
Internal Standards						
1) Pentafluorobenzene	5.549	168	218374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	380680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154543	43.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.480%
35) Dibromofluoromethane	5.385	113	122579	45.428	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.860%
50) Toluene-d8	8.652	98	463052	45.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.000%#
62) 4-Bromofluorobenzene	11.079	95	157675	42.947	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.900%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	13250	9.276	ug/l	99
25) 2-Butanone	4.580	43	14743	6.330	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	2023	0.642	ug/l	77
44) Trichloroethene	7.134	130	3969	1.428	ug/l	92
51) 4-Methyl-2-Pentanone	8.579	43	21172	4.812	ug/l	97
64) Tetrachloroethene	9.274	164	18346	8.072	ug/l	99

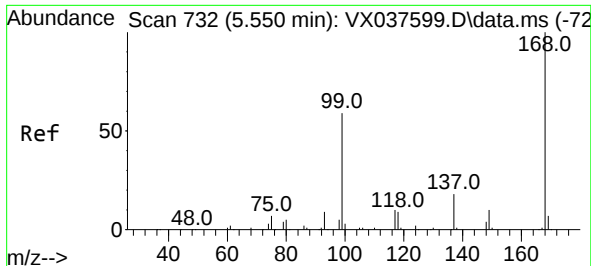
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

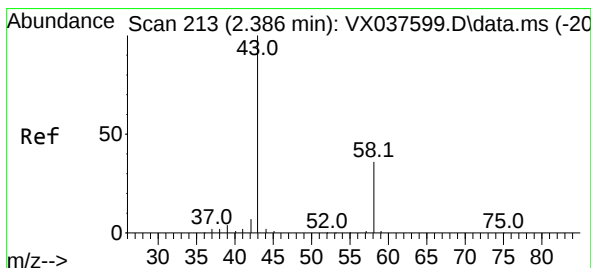
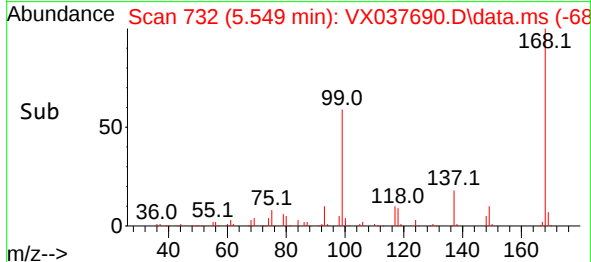
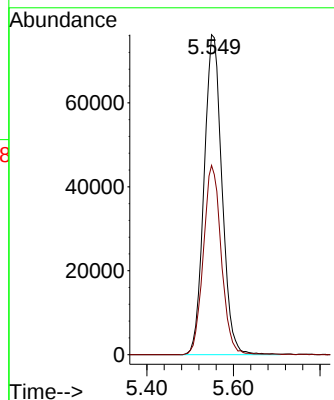
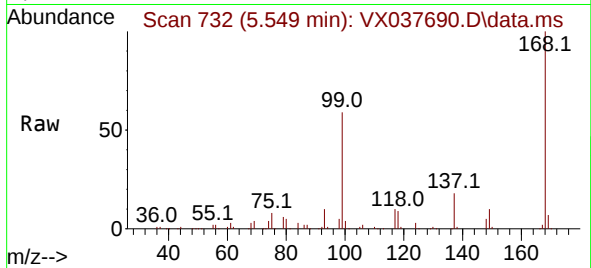




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037690.D
Acq: 13 Sep 2023 13:16

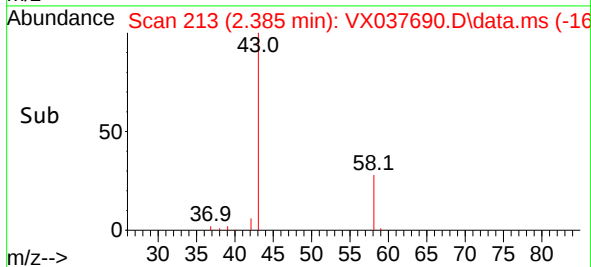
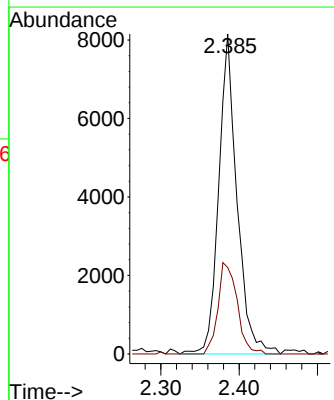
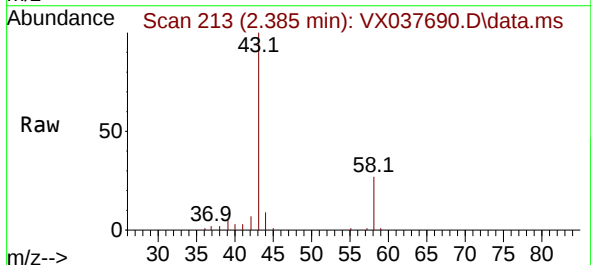
Instrument :
MSVOA_X
ClientSampleId :
1044-MW-11(15)

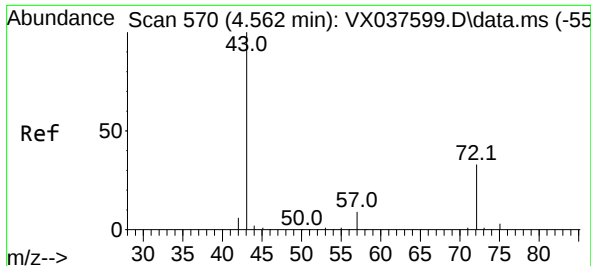
Tgt Ion:168 Resp: 218374
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#16
Acetone
Concen: 9.276 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX037690.D
Acq: 13 Sep 2023 13:16

Tgt Ion: 43 Resp: 13250
Ion Ratio Lower Upper
43 100
58 27.0 21.9 32.9

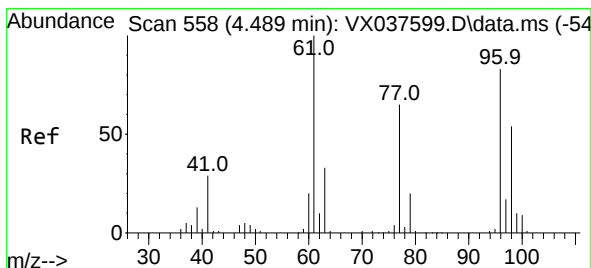
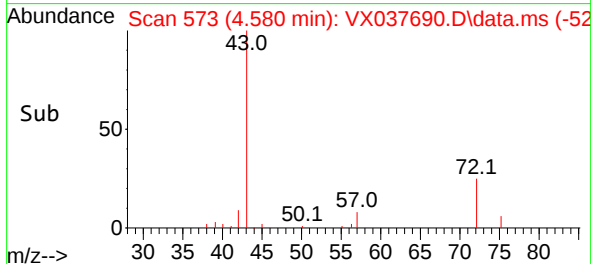
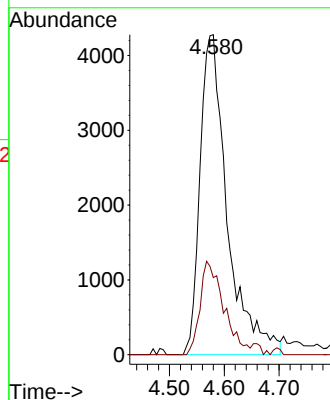
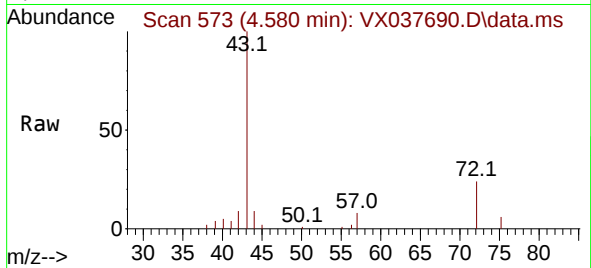




#25
2-Butanone
Concen: 6.330 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX037690.D
Acq: 13 Sep 2023 13:16

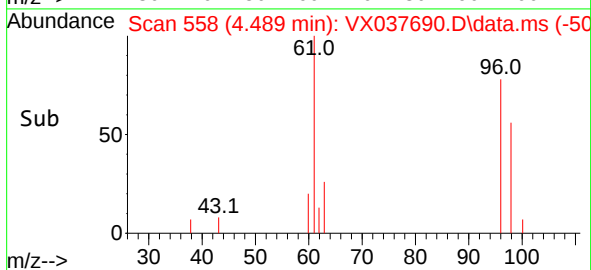
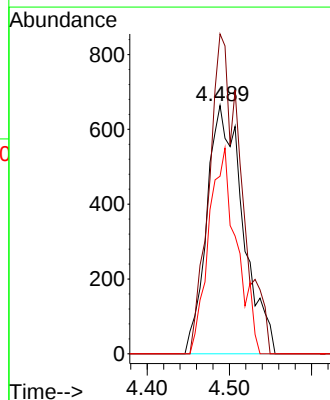
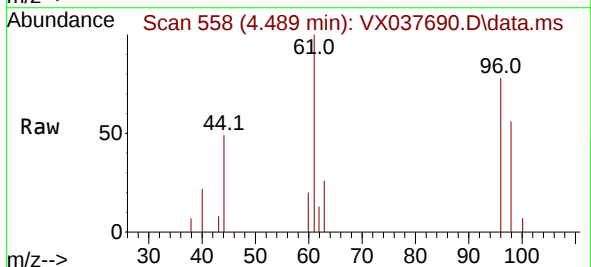
Instrument :
MSVOA_X
ClientSampleId :
1044-MW-11(15)

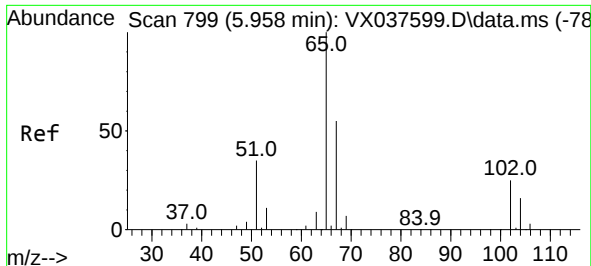
Tgt Ion: 43 Resp: 14743
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 0.642 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.001 min
Lab File: VX037690.D
Acq: 13 Sep 2023 13:16

Tgt Ion: 96 Resp: 2023
Ion Ratio Lower Upper
96 100
61 113.7 0.0 312.2
98 64.4 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 43.741 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037690.D

Acq: 13 Sep 2023 13:16

Instrument :

MSVOA_X

ClientSampleId :

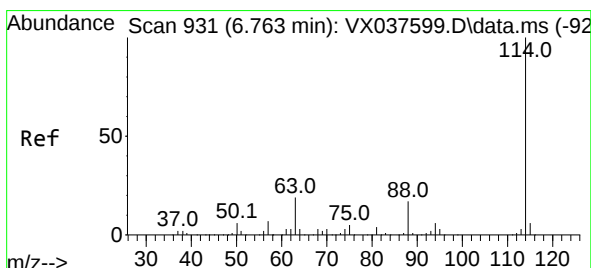
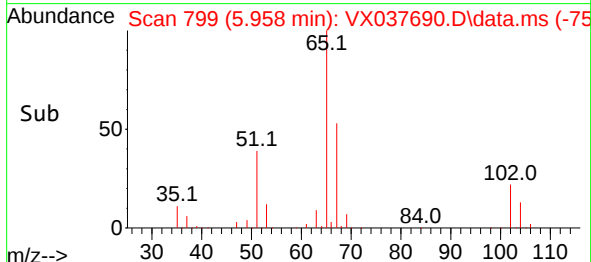
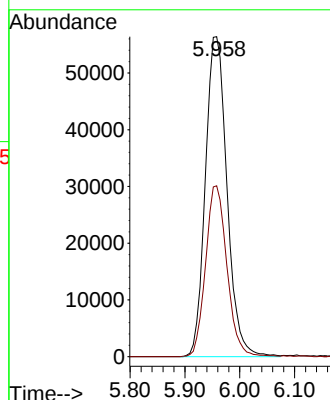
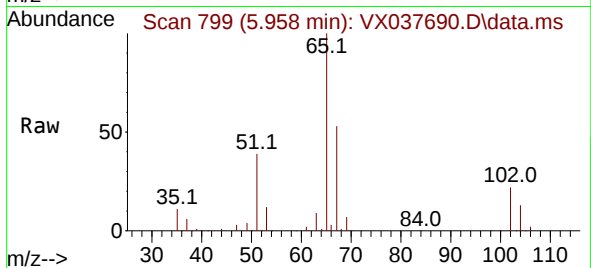
1044-MW-11(15)

Tgt Ion: 65 Resp: 154543

Ion Ratio Lower Upper

65 100

67 52.7 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: VX037690.D

Acq: 13 Sep 2023 13:16

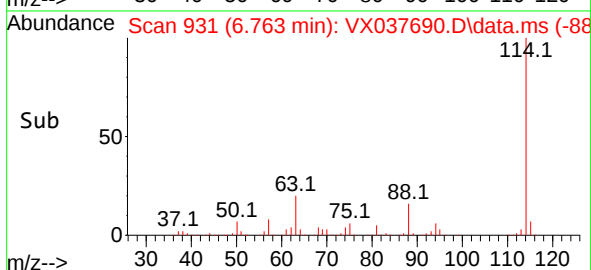
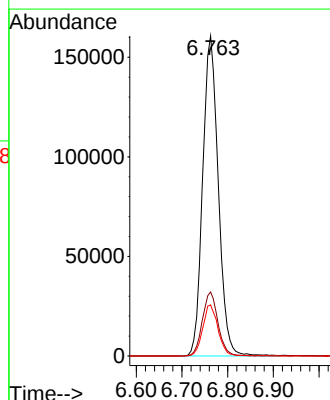
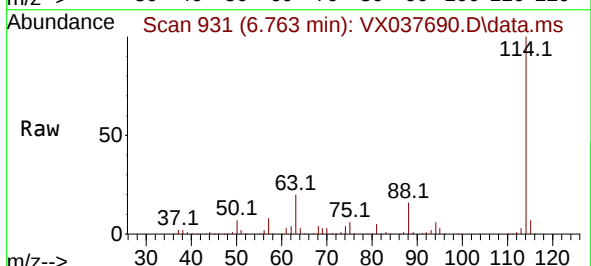
Tgt Ion: 114 Resp: 380680

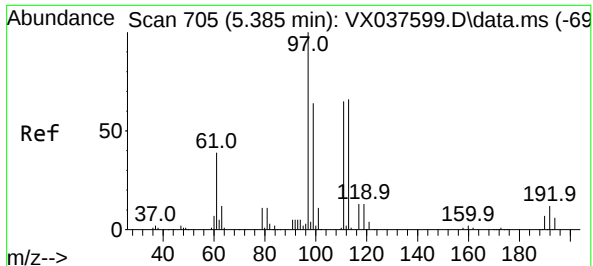
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 16.0 0.0 36.6

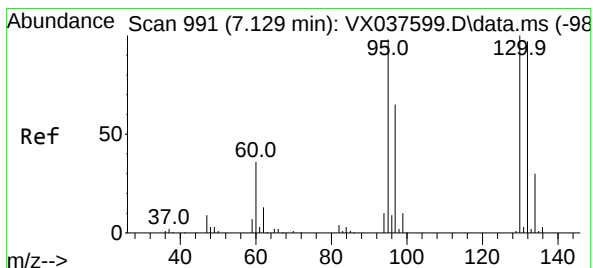
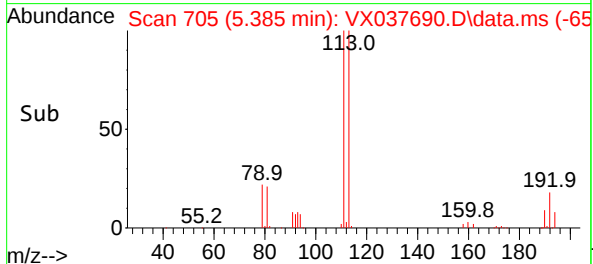
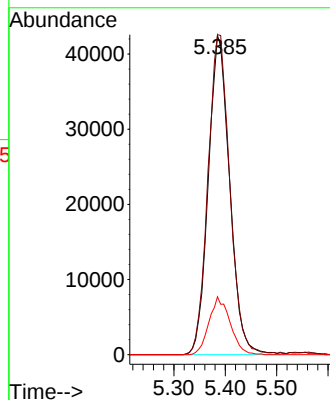
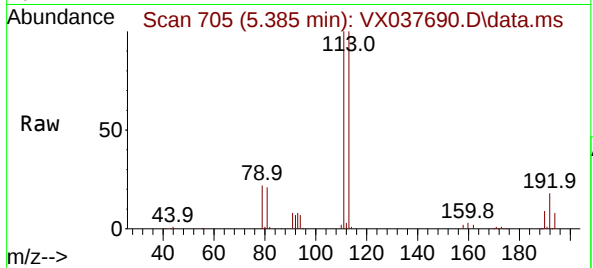




#35
Dibromofluoromethane
Concen: 45.428 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037690.D
Acq: 13 Sep 2023 13:16

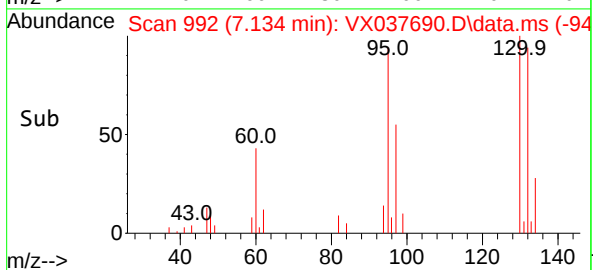
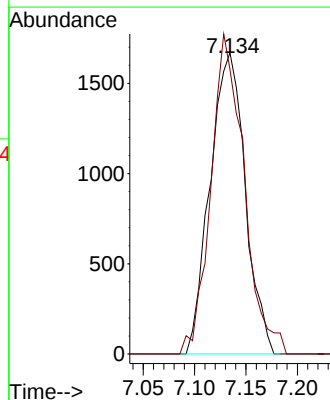
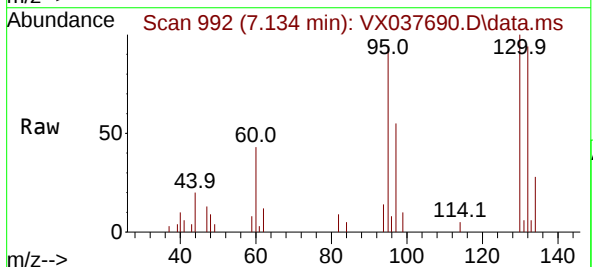
Instrument :
MSVOA_X
ClientSampleId :
1044-MW-11(15)

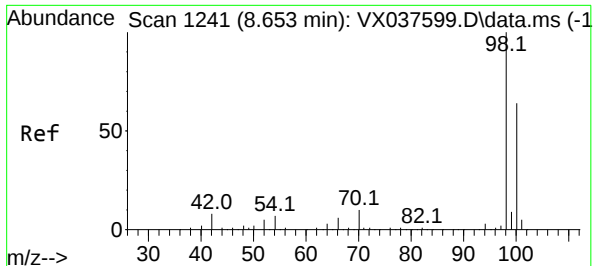
Tgt Ion:113 Resp: 122579
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.9 13.3 19.9



#44
Trichloroethene
Concen: 1.428 ug/l
RT: 7.134 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX037690.D
Acq: 13 Sep 2023 13:16

Tgt Ion:130 Resp: 3969
Ion Ratio Lower Upper
130 100
95 94.5 0.0 204.4





#50

Toluene-d8

Concen: 45.502 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX037690.D

Acq: 13 Sep 2023 13:16

Instrument :

MSVOA_X

ClientSampleId :

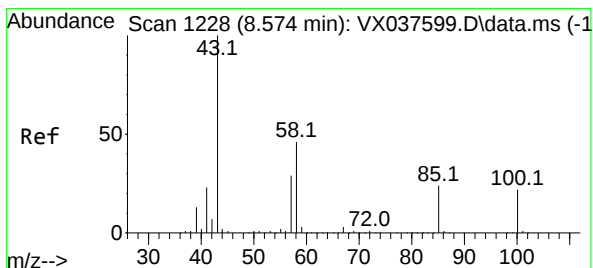
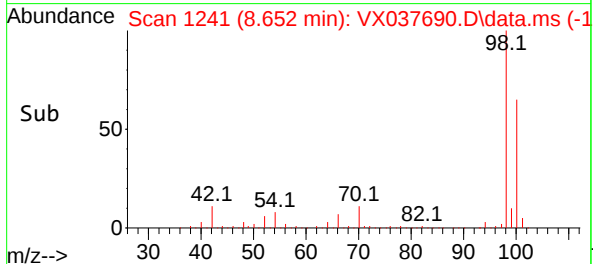
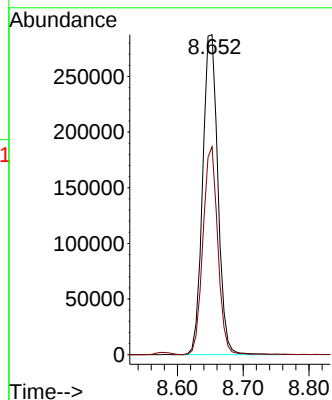
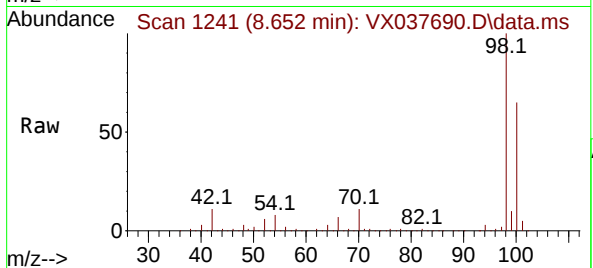
1044-MW-11(15)

Tgt Ion: 98 Resp: 463052

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 4.812 ug/l

RT: 8.579 min Scan# 1229

Delta R.T. 0.005 min

Lab File: VX037690.D

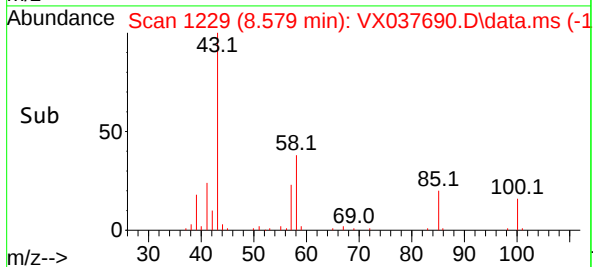
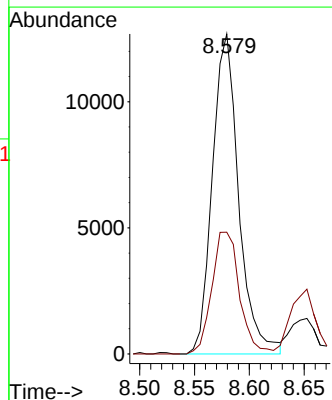
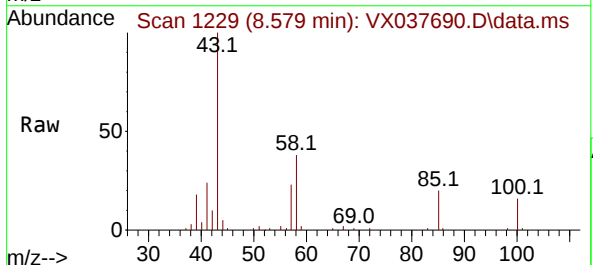
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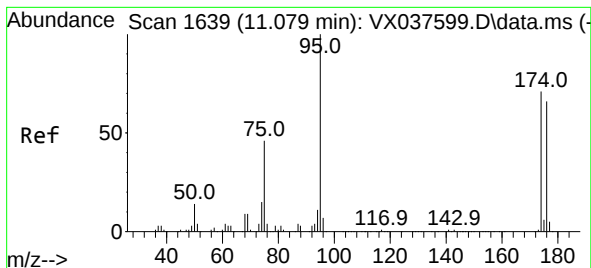
Tgt Ion: 43 Resp: 21172

Ion Ratio Lower Upper

43 100

58 40.1 30.4 45.6

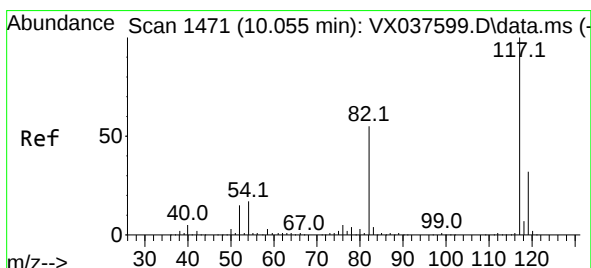
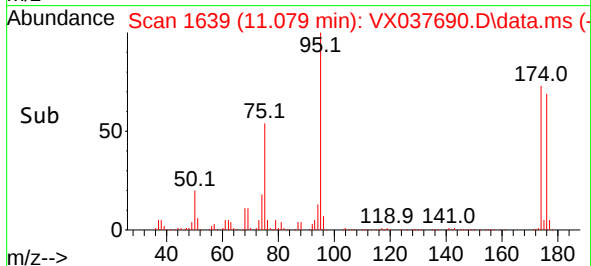
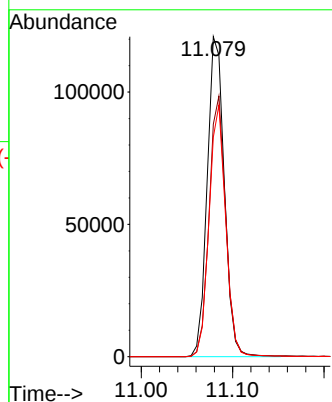
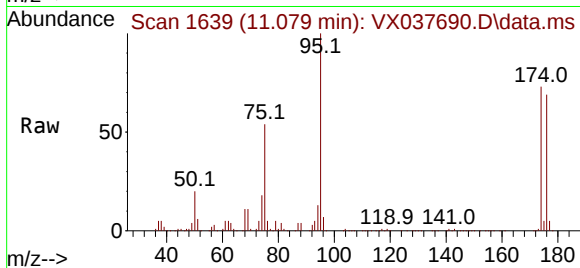




#62
4-Bromofluorobenzene
Concen: 42.947 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.001 min
Lab File: VX037690.D
Acq: 13 Sep 2023 13:16

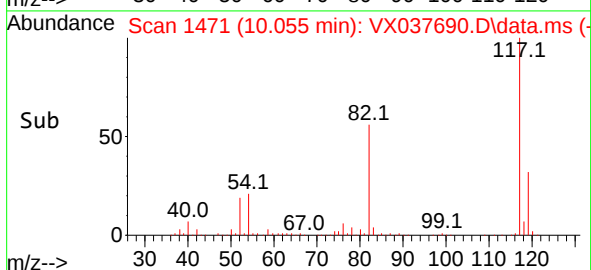
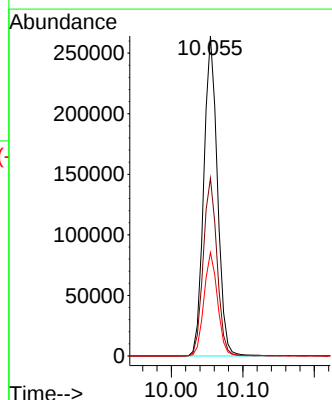
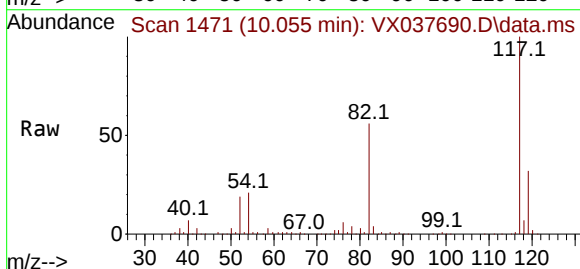
Instrument :
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1044-MW-11(15)

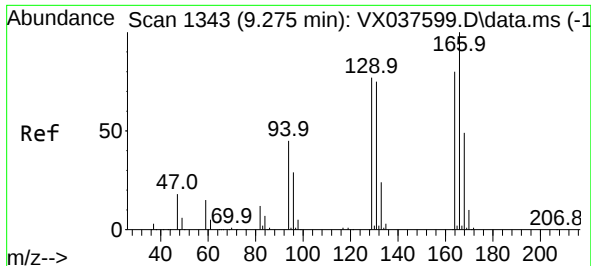
Tgt Ion: 95 Resp: 157675
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 76.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037690.D
Acq: 13 Sep 2023 13:16

Tgt Ion: 117 Resp: 350792
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.3 25.5 38.3



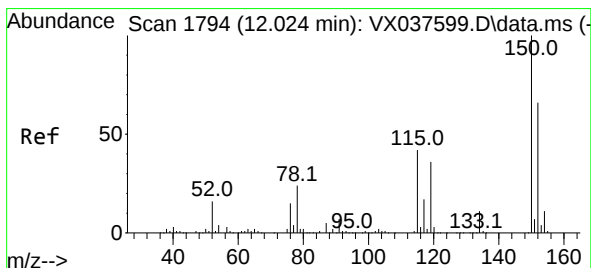
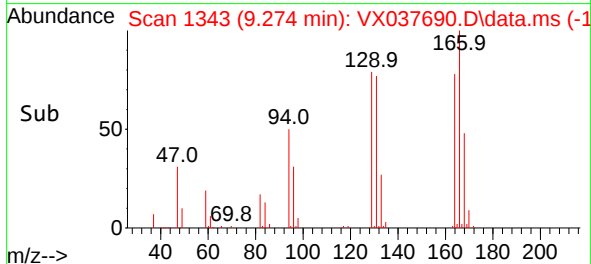
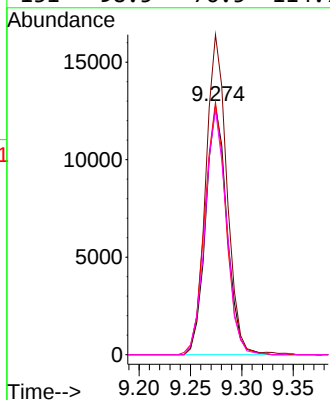
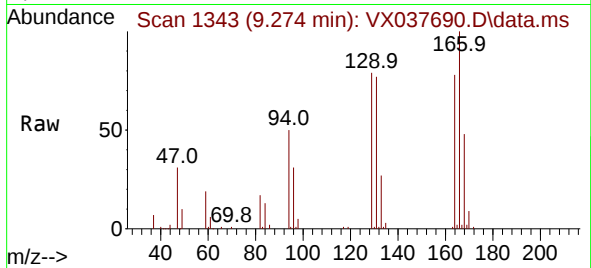


#64
Tetrachloroethene
Concen: 8.072 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX037690.D
Acq: 13 Sep 2023 13:16

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

Tgt Ion:164 Resp: 18346

Ion	Ratio	Lower	Upper
164	100		
166	128.6	102.7	154.1
129	101.5	80.4	120.6
131	98.5	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VX037690.D
Acq: 13 Sep 2023 13:16

Tgt Ion:152 Resp: 147548

Ion	Ratio	Lower	Upper
152	100		
115	60.7	43.3	129.9
150	155.6	0.0	345.0

