

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037015.D
 Acq On : 16 Aug 2023 14:11
 Operator : JC/MD
 Sample : 04024-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20230815

Quant Time: Aug 17 04:14:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

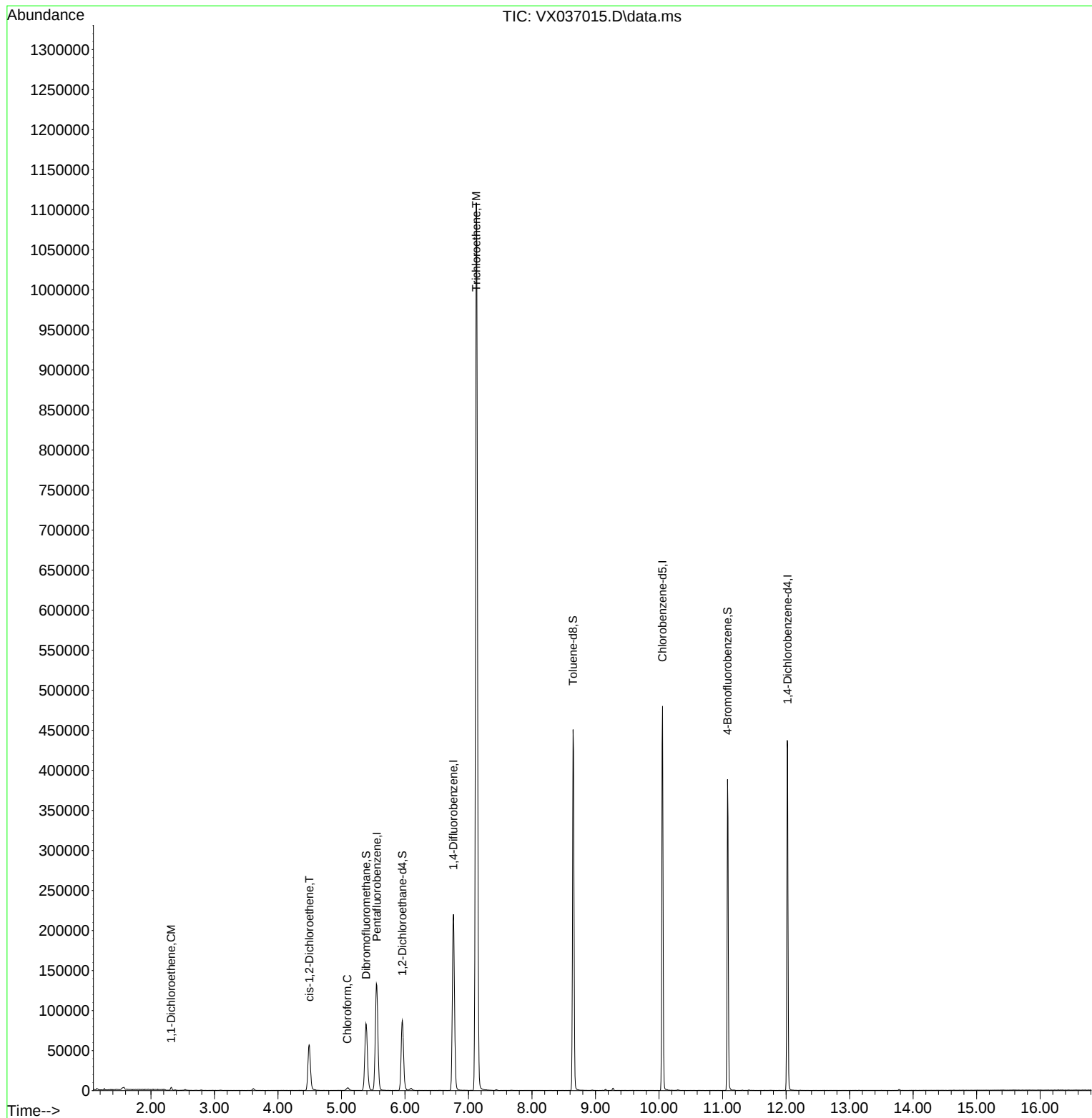
Internal Standards						
1) Pentafluorobenzene	5.556	168	123964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88936	48.487	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.980%
35) Dibromofluoromethane	5.385	113	73422	46.723	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	8.647	98	274598	49.276	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.079	95	105896	50.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.740%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	1389	1.001	ug/l #	65
27) cis-1,2-Dichloroethene	4.495	96	37965	20.604	ug/l	81
30) Chloroform	5.092	83	4432	1.489	ug/l	94
44) Trichloroethene	7.123	130	429686	241.229	ug/l	99

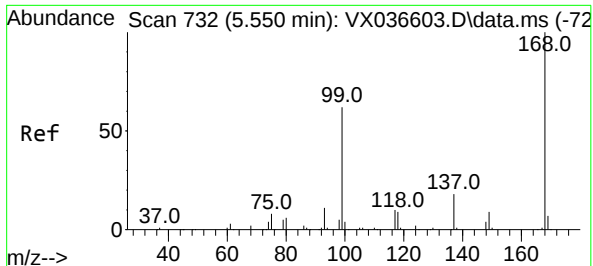
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
Data File : VX037015.D
Acq On : 16 Aug 2023 14:11
Operator : JC/MD
Sample : 04024-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20230815

Quant Time: Aug 17 04:14:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

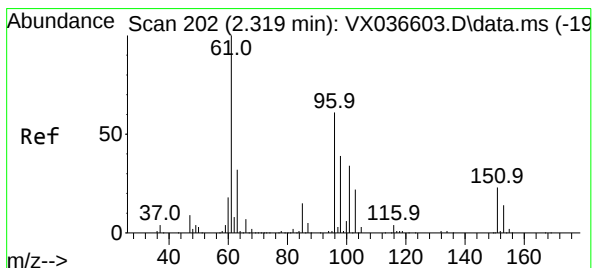
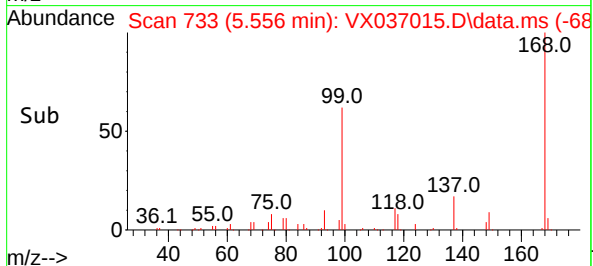
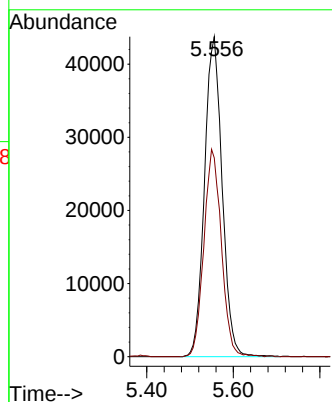
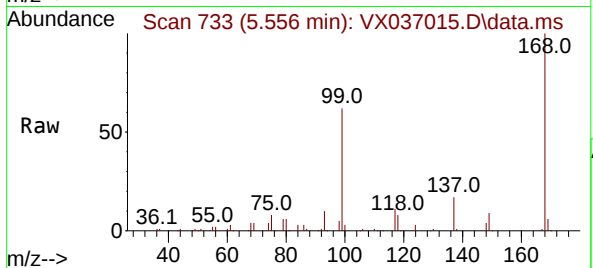




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037015.D
Acq: 16 Aug 2023 14:11

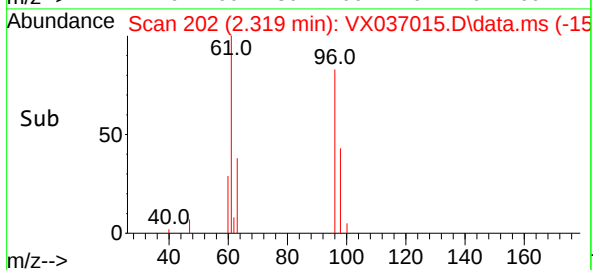
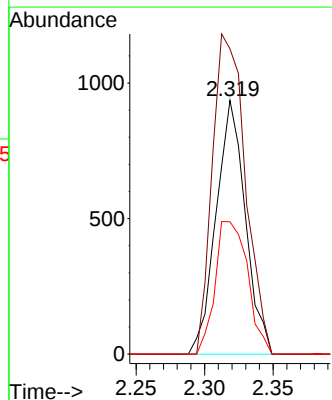
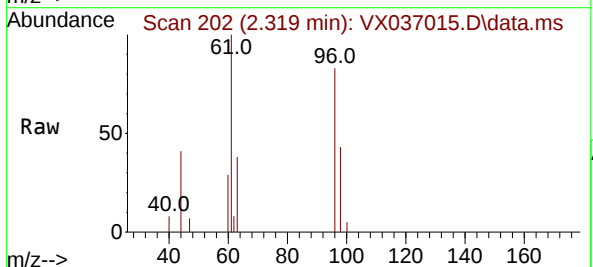
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20230815

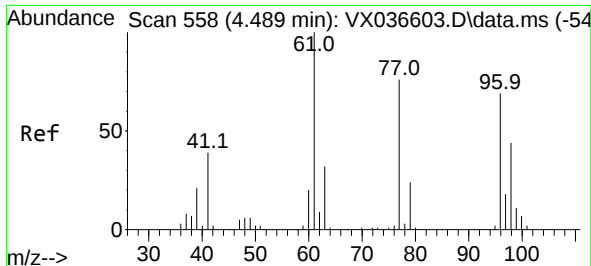
Tgt Ion:168 Resp: 123964
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#12
1,1-Dichloroethene
Concen: 1.001 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX037015.D
Acq: 16 Aug 2023 14:11

Tgt Ion: 96 Resp: 1389
Ion Ratio Lower Upper
96 100
61 120.3 144.6 216.8#
98 52.1 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 20.604 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX037015.D

Acq: 16 Aug 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20230815

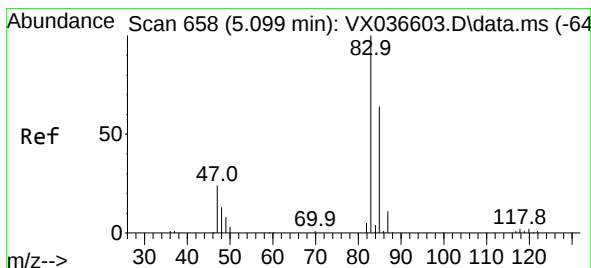
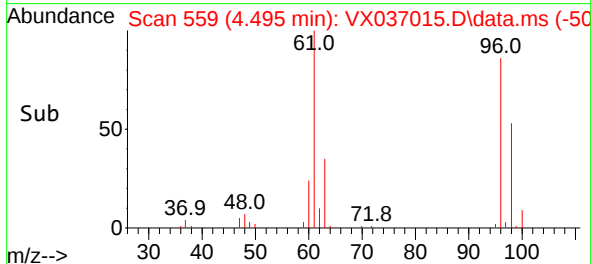
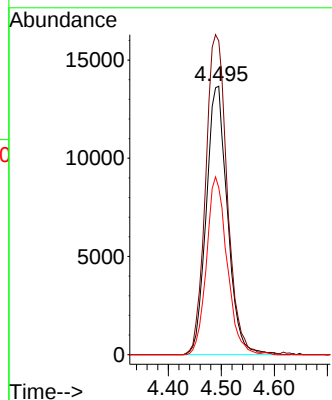
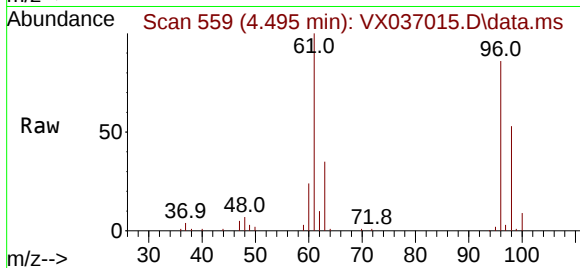
Tgt Ion: 96 Resp: 37965

Ion Ratio Lower Upper

96 100

61 121.2 0.0 312.2

98 64.0 0.0 129.0



#30

Chloroform

Concen: 1.489 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX037015.D

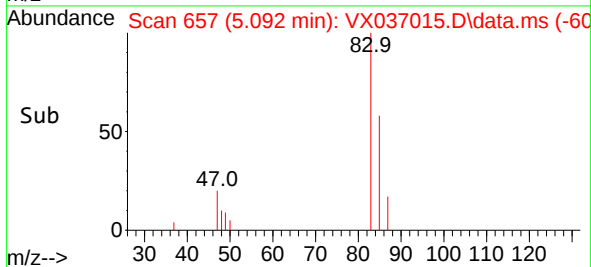
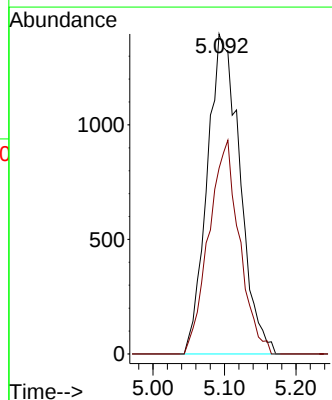
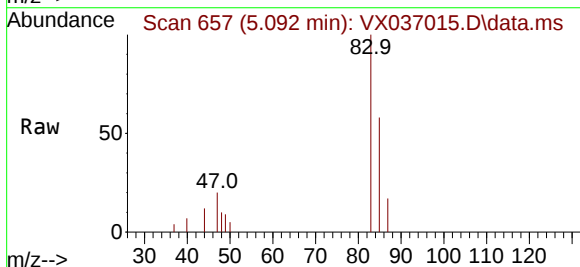
Acq: 16 Aug 2023 14:11

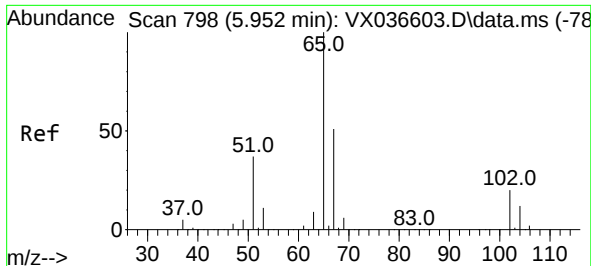
Tgt Ion: 83 Resp: 4432

Ion Ratio Lower Upper

83 100

85 58.1 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 48.487 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX037015.D

Acq: 16 Aug 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

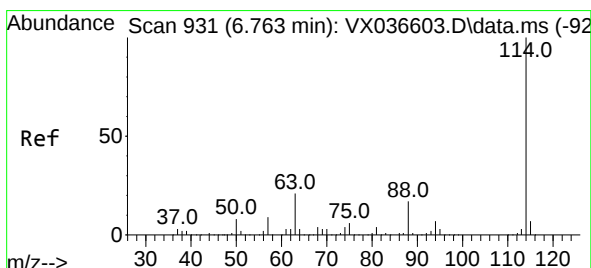
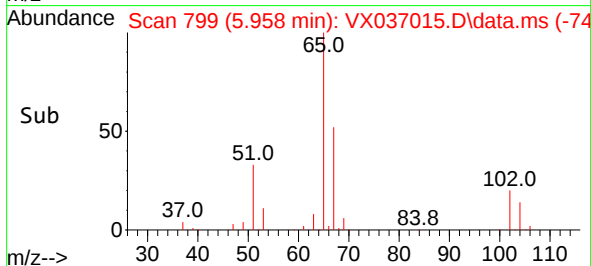
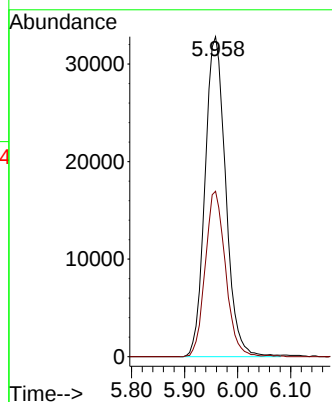
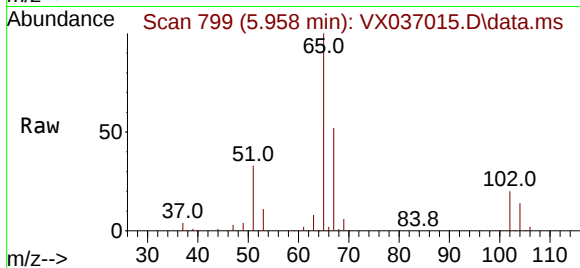
RE104D2-20230815

Tgt Ion: 65 Resp: 88936

Ion Ratio Lower Upper

65 100

67 50.6 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: VX037015.D

Acq: 16 Aug 2023 14:11

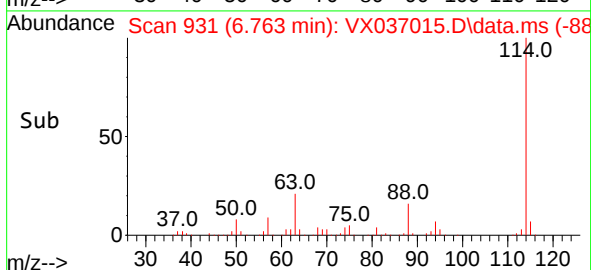
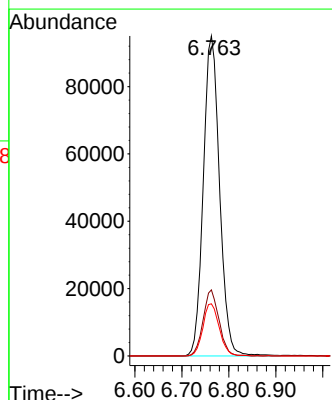
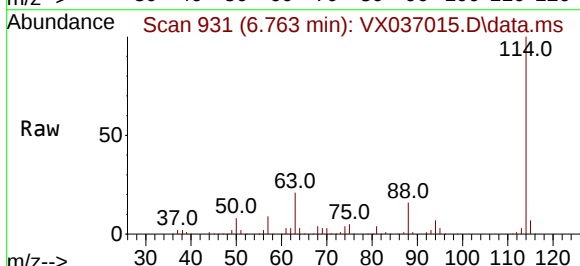
Tgt Ion: 114 Resp: 228623

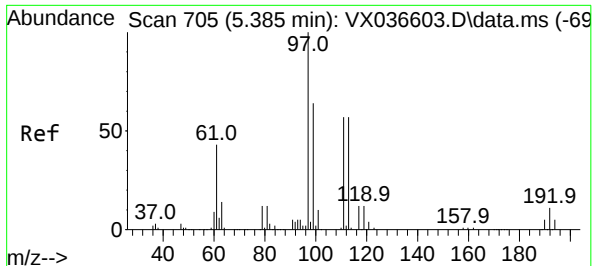
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.3 0.0 36.6

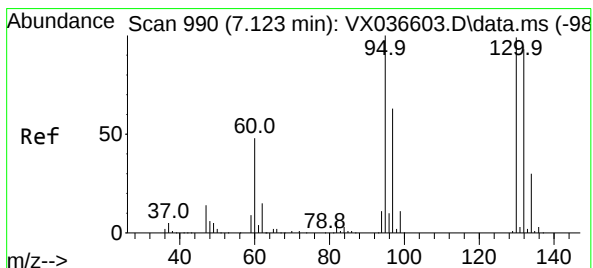
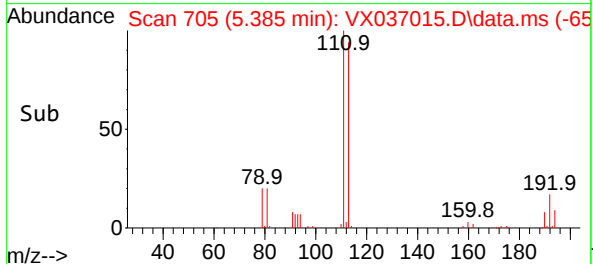
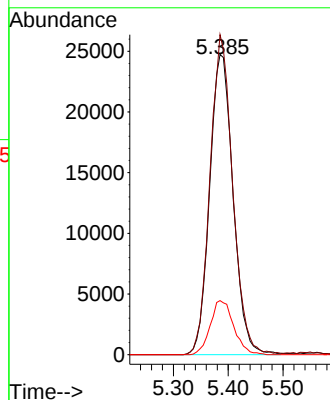
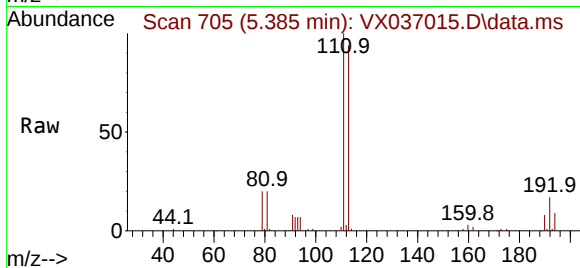




#35
Dibromofluoromethane
Concen: 46.723 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037015.D
Acq: 16 Aug 2023 14:11

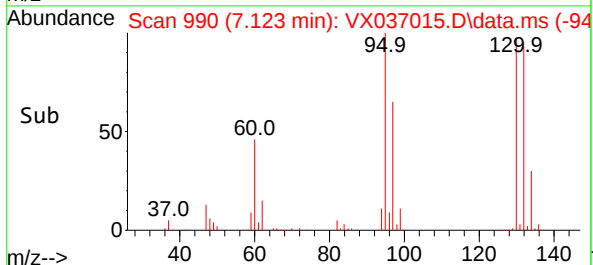
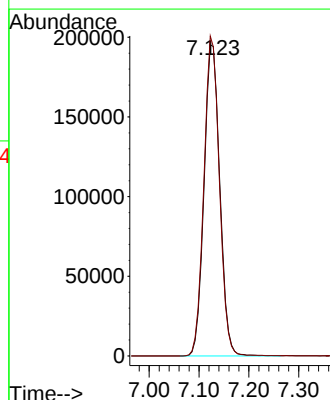
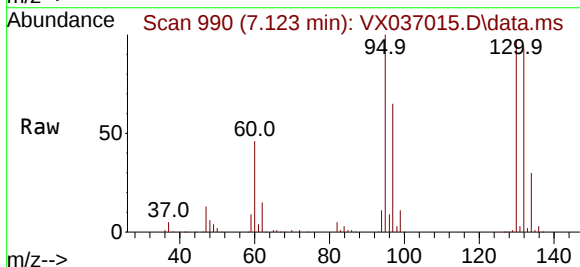
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20230815

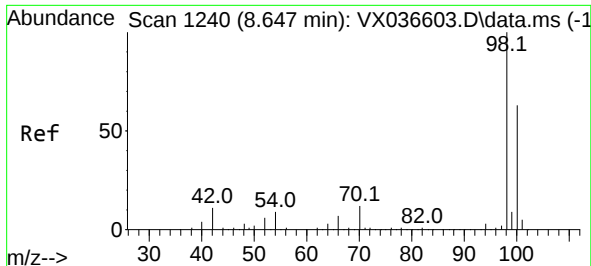
Tgt Ion:113 Resp: 73422
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.0 13.3 19.9



#44
Trichloroethene
Concen: 241.229 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037015.D
Acq: 16 Aug 2023 14:11

Tgt Ion:130 Resp: 429686
Ion Ratio Lower Upper
130 100
95 102.9 0.0 204.4

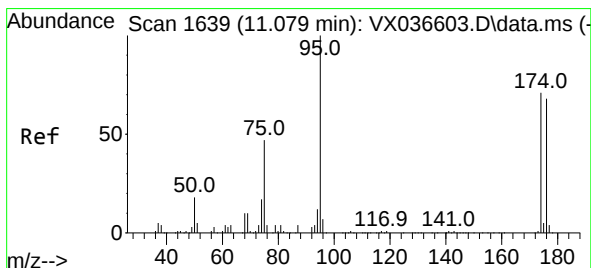
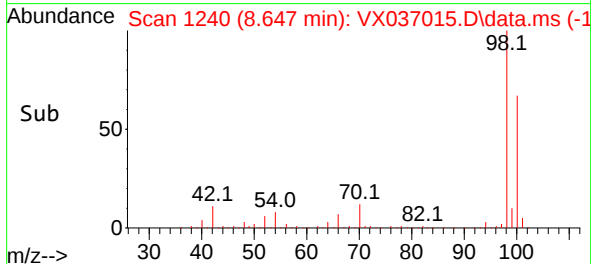
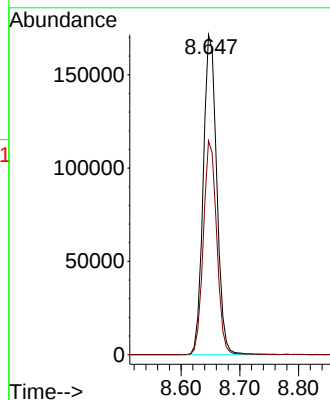
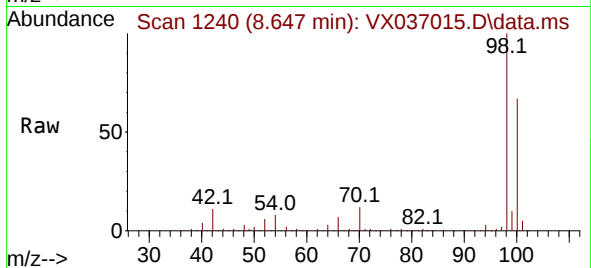




#50
Toluene-d8
Concen: 49.276 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037015.D
Acq: 16 Aug 2023 14:11

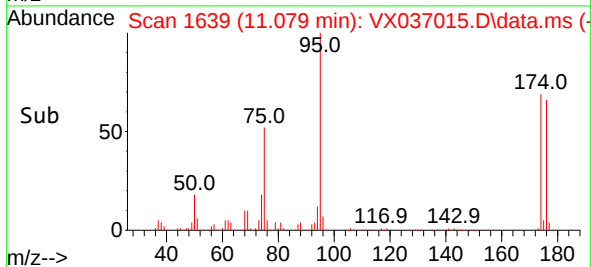
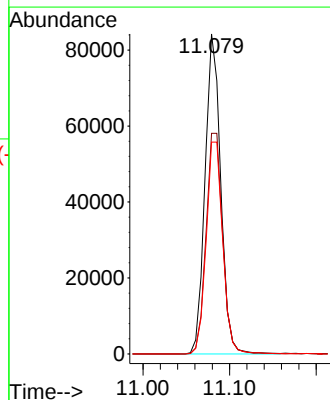
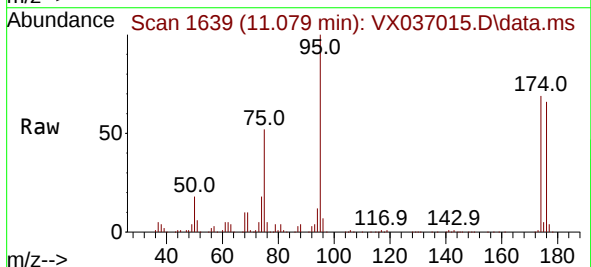
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20230815

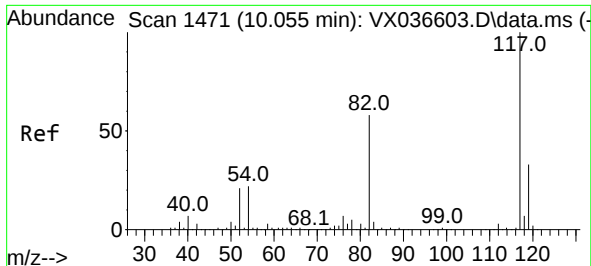
Tgt Ion: 98 Resp: 274598
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.368 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037015.D
Acq: 16 Aug 2023 14:11

Tgt Ion: 95 Resp: 105896
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.1 0.0 131.0

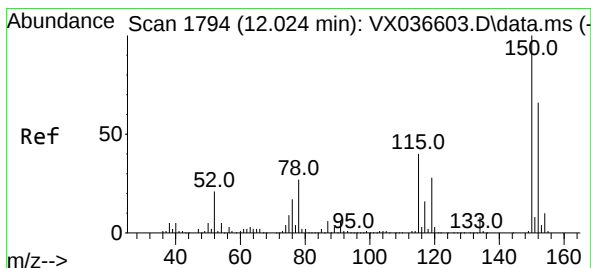
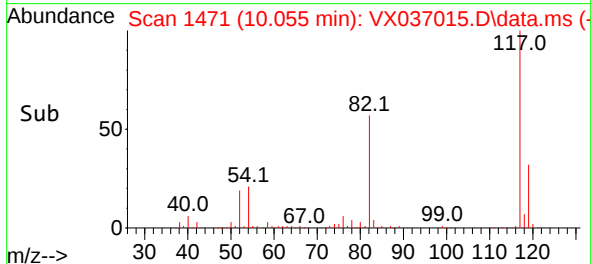
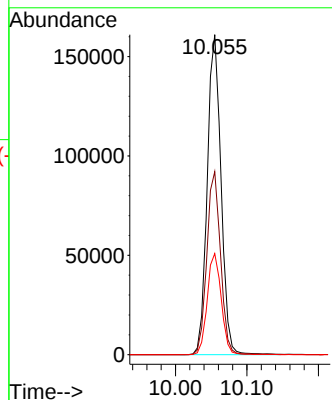
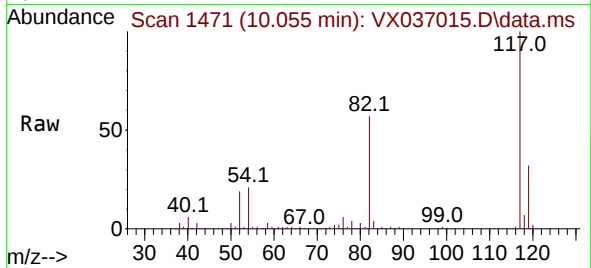




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037015.D
Acq: 16 Aug 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20230815

Tgt Ion:117 Resp: 215566
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037015.D
Acq: 16 Aug 2023 14:11

Tgt Ion:152 Resp: 92376
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 156.3 0.0 345.0

