

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035916.D
 Acq On : 30 May 2023 19:08
 Operator : JC/MD
 Sample : 02924-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-002-003-1RE

Quant Time: May 31 05:49:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

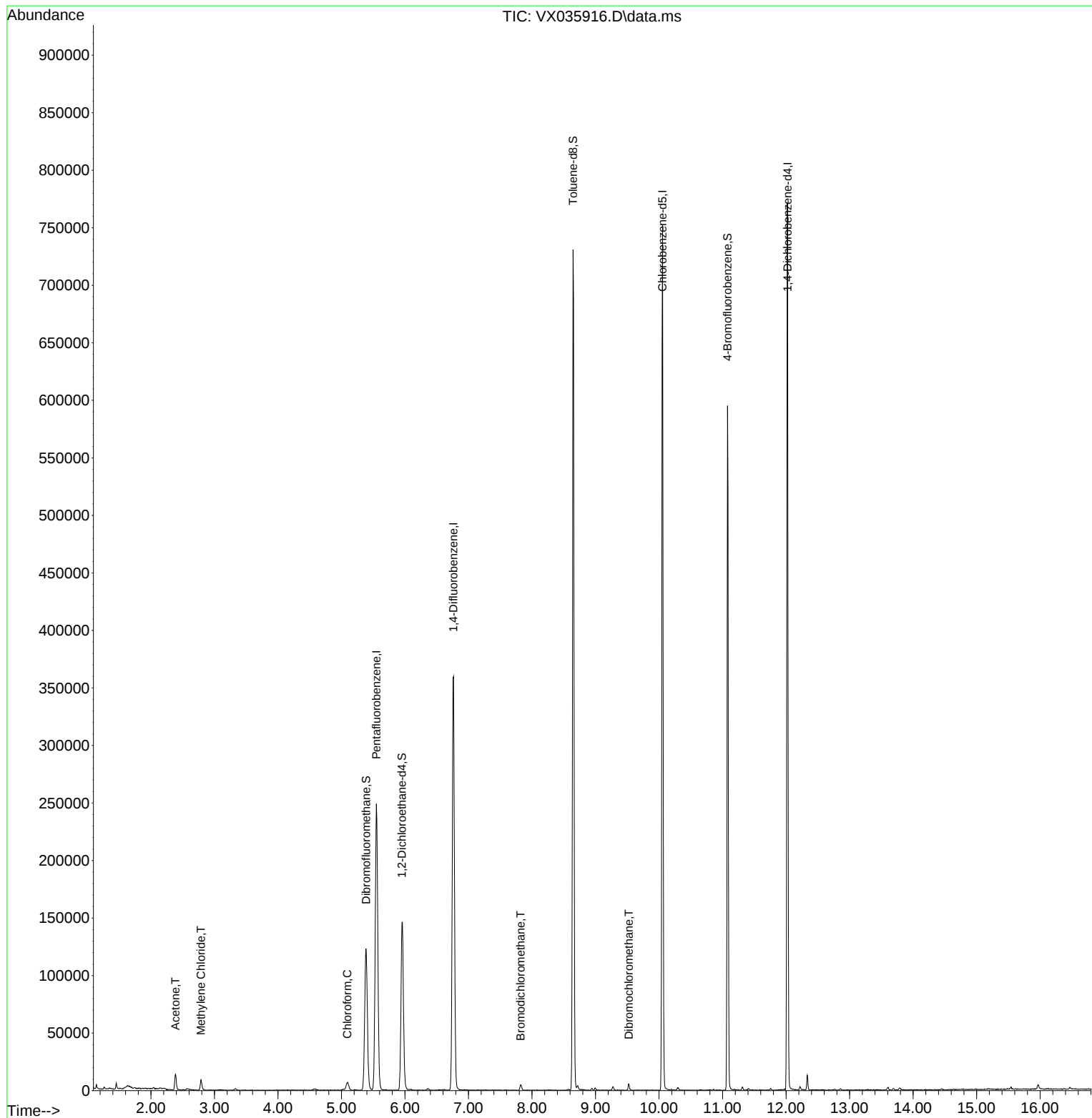
Internal Standards						
1) Pentafluorobenzene	5.550	168	223641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	367513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145060	36.500	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	73.000%#
35) Dibromofluoromethane	5.385	113	110520	43.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.560%
50) Toluene-d8	8.647	98	432491	46.681	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.360%
62) 4-Bromofluorobenzene	11.079	95	165340	45.296	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.600%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	16104	10.037	ug/l	96
20) Methylene Chloride	2.788	84	4140	0.598	ug/l	94
30) Chloroform	5.092	83	7860	1.425	ug/l	99
47) Bromodichloromethane	7.817	83	3207	0.885	ug/l #	88
60) Dibromochloromethane	9.524	129	1358	0.555	ug/l	94

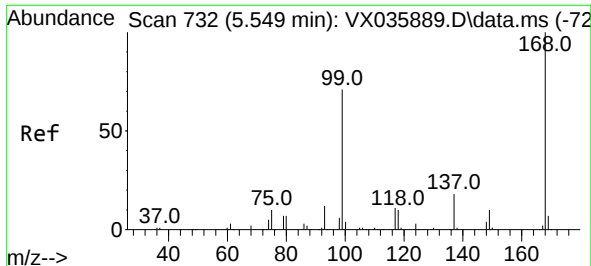
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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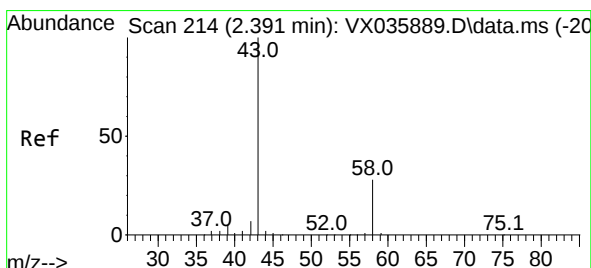
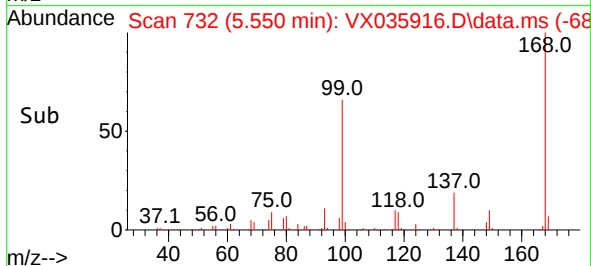
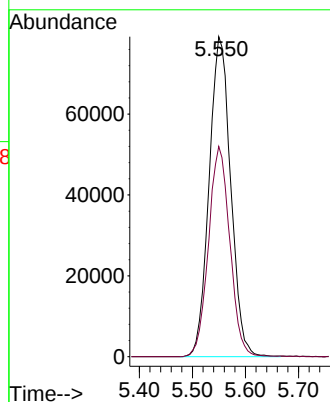
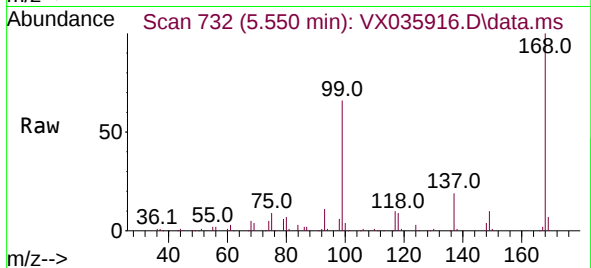




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

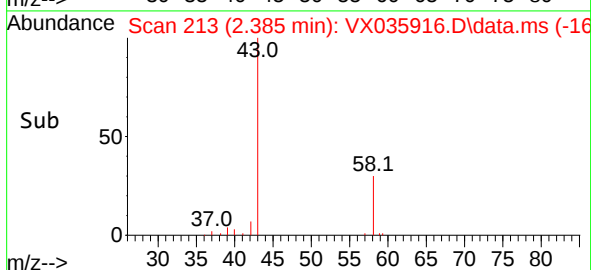
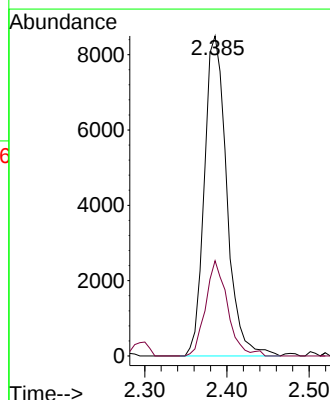
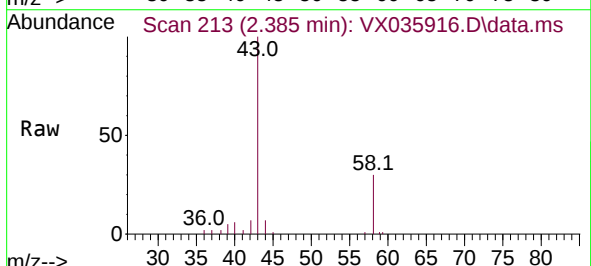
Instrument :
MSVOA_X
ClientSampleId :
001-002-003-1RE

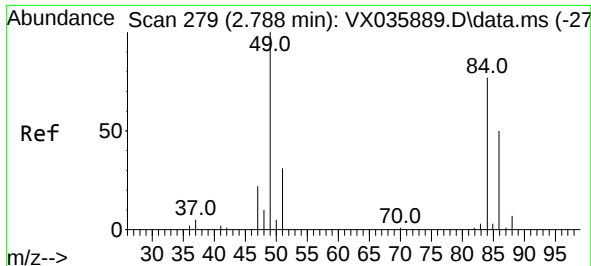
Tgt Ion:168 Resp: 223641
Ion Ratio Lower Upper
168 100
99 65.7 57.0 85.6



#16
Acetone
Concen: 10.037 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Tgt Ion: 43 Resp: 16104
Ion Ratio Lower Upper
43 100
58 29.8 22.2 33.2

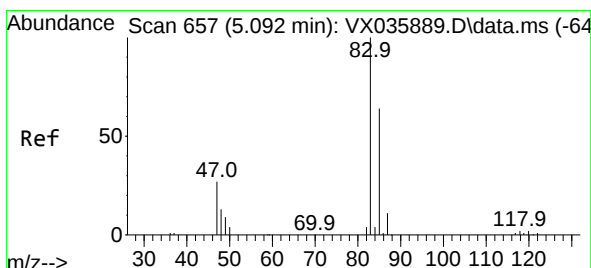
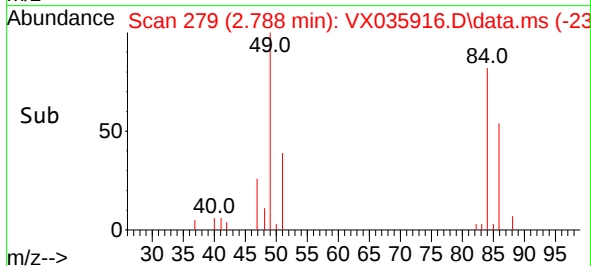
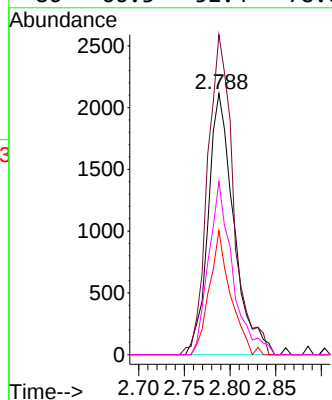
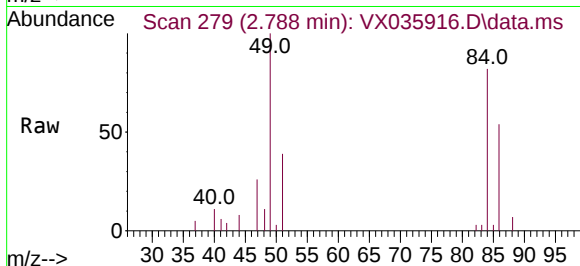




#20
Methylene Chloride
Concen: 0.598 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

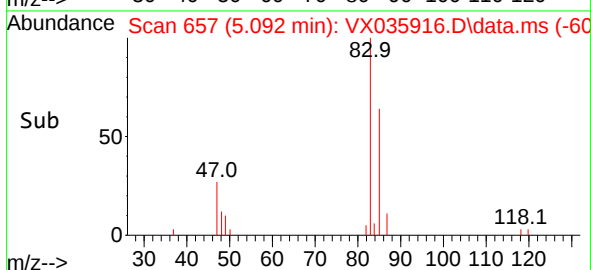
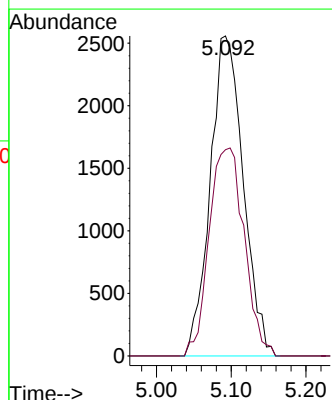
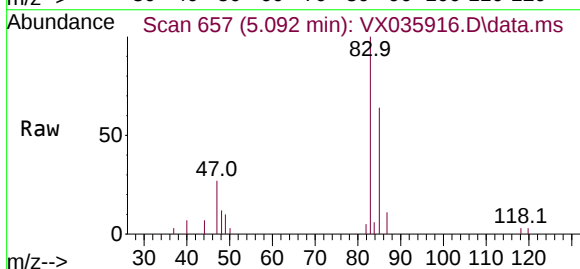
Instrument :
MSVOA_X
ClientSampleId :
001-002-003-1RE

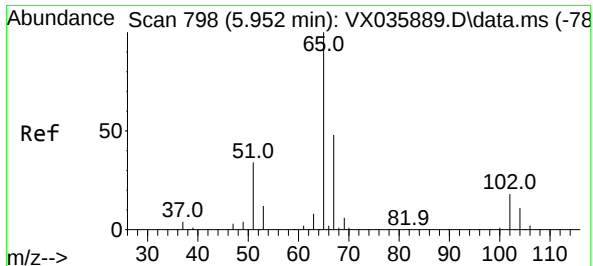
Tgt Ion:	84	Resp:	4140
Ion	Ratio	Lower	Upper
84	100		
49	122.5	104.6	156.8
51	47.5	32.2	48.4
86	66.3	52.4	78.6



#30
Chloroform
Concen: 1.425 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Tgt Ion:	83	Resp:	7860
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.4





#33

1,2-Dichloroethane-d4

Concen: 36.500 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035916.D

Acq: 30 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

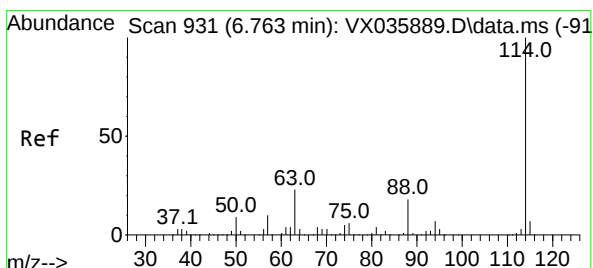
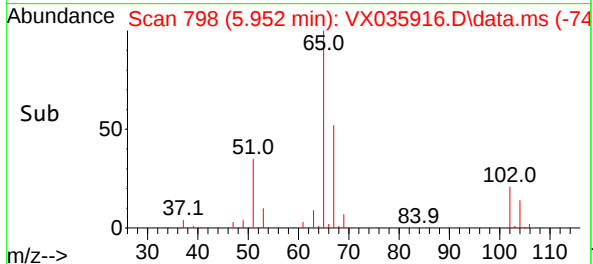
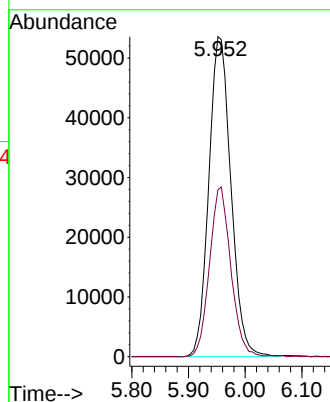
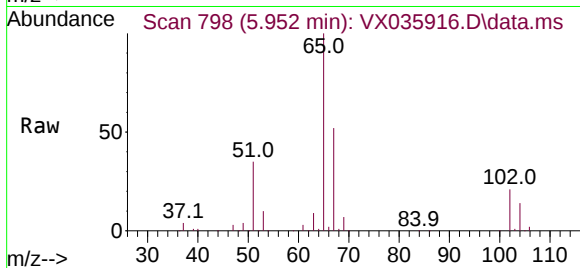
001-002-003-1RE

Tgt Ion: 65 Resp: 145060

Ion Ratio Lower Upper

65 100

67 51.0 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035916.D

Acq: 30 May 2023 19:08

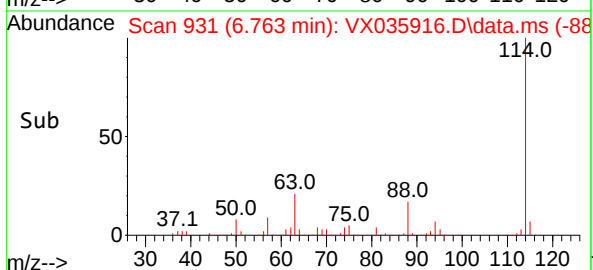
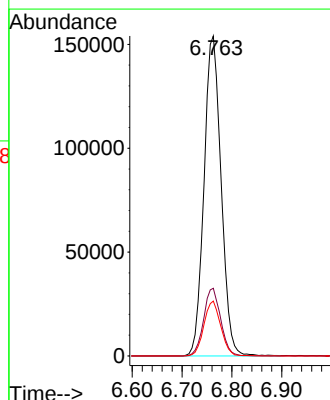
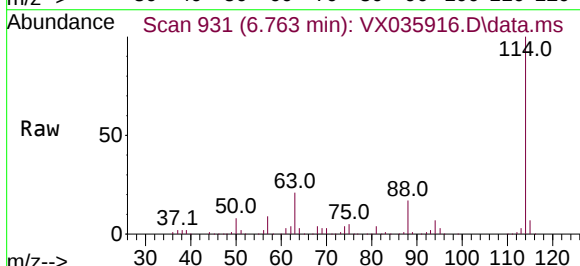
Tgt Ion: 114 Resp: 367513

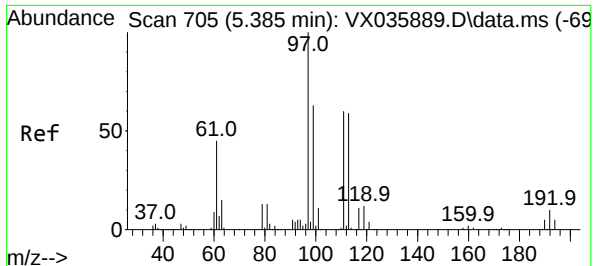
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.0

88 17.1 0.0 35.2





#35

Dibromofluoromethane

Concen: 43.780 ug/l

RT: 5.385 min Scan# 70

Delta R.T. 0.000 min

Lab File: VX035916.D

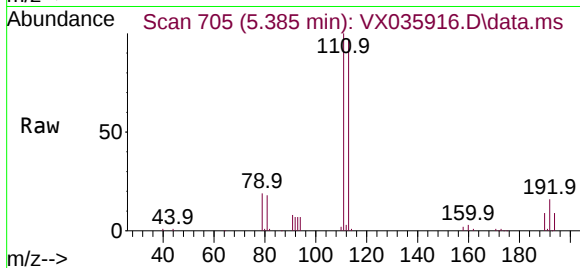
Acq: 30 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

001-002-003-1RE



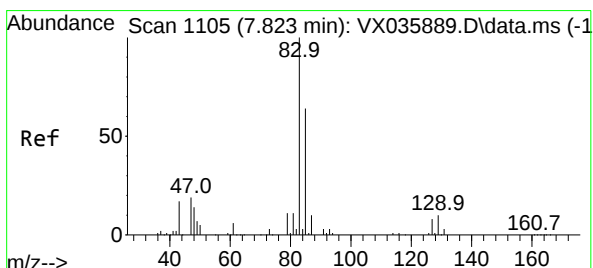
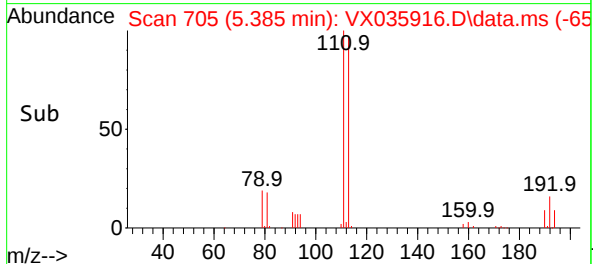
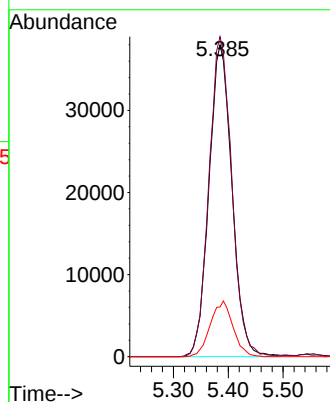
Tgt Ion:113 Resp: 110520

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

192 17.7 13.5 20.3



#47

Bromodichloromethane

Concen: 0.885 ug/l

RT: 7.817 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX035916.D

Acq: 30 May 2023 19:08

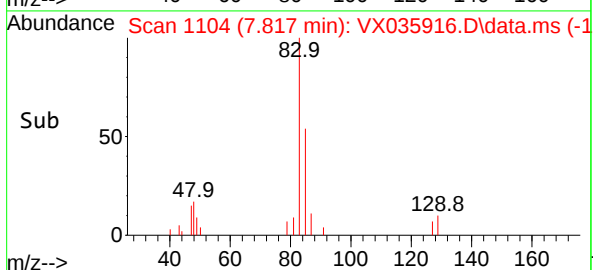
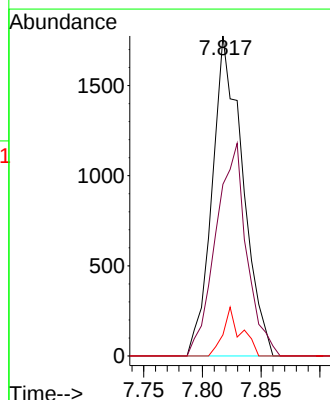
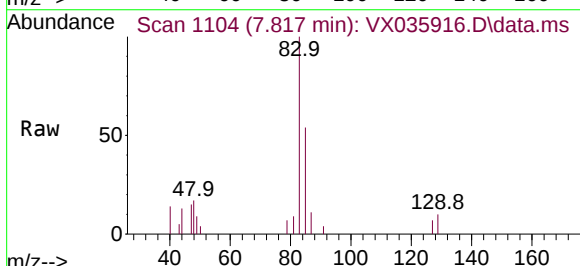
Tgt Ion: 83 Resp: 3207

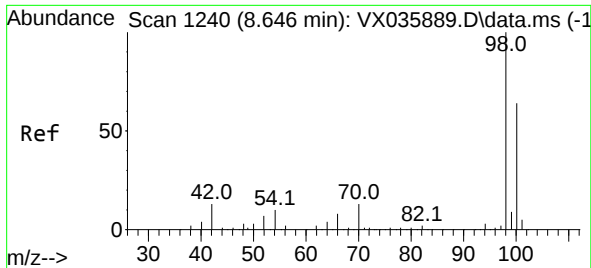
Ion Ratio Lower Upper

83 100

85 53.6 51.3 76.9

127 6.6 6.6 10.0#

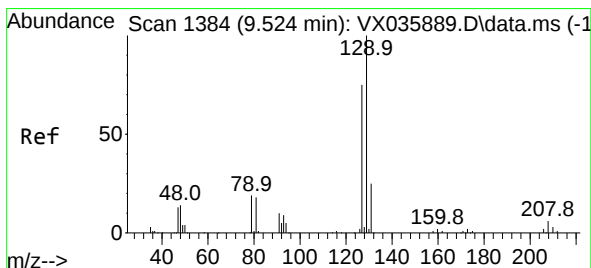
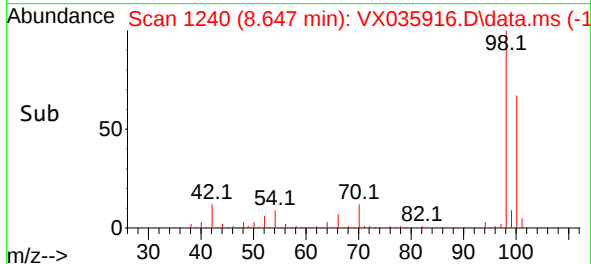
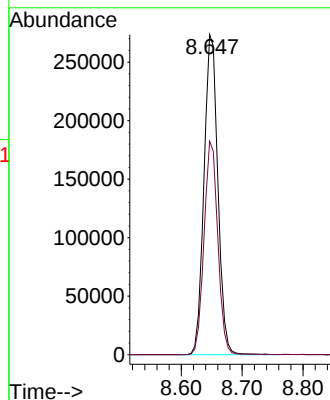
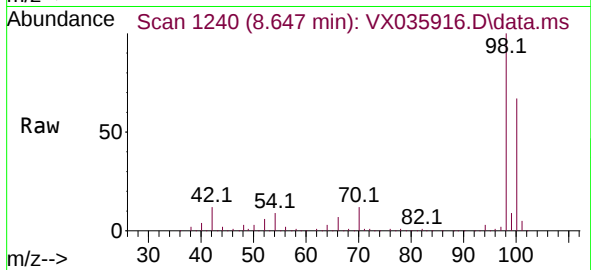




#50
Toluene-d8
Concen: 46.681 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

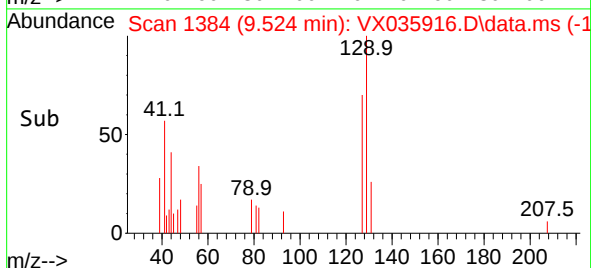
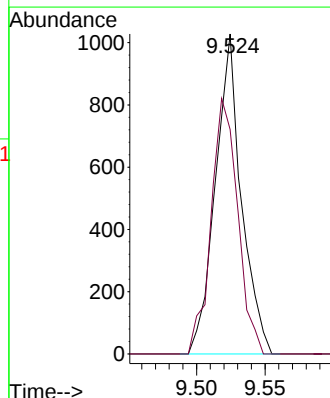
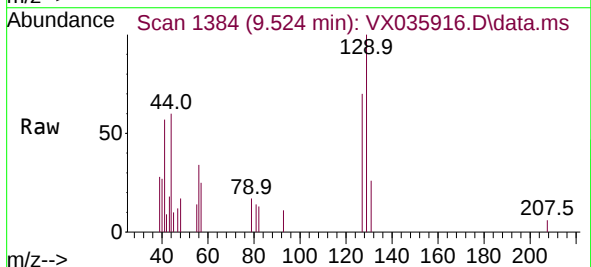
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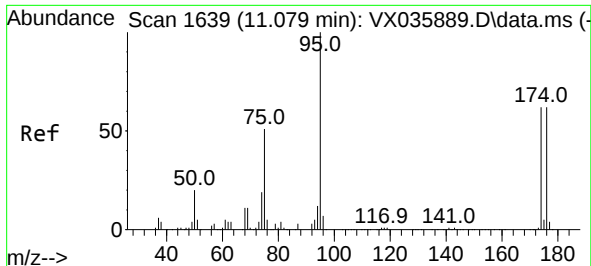
Tgt Ion: 98 Resp: 432491
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#60
Dibromochloromethane
Concen: 0.555 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Tgt Ion: 129 Resp: 1358
Ion Ratio Lower Upper
129 100
127 81.7 38.4 115.1





#62

4-Bromofluorobenzene

Concen: 45.296 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035916.D

Acq: 30 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

001-002-003-1RE

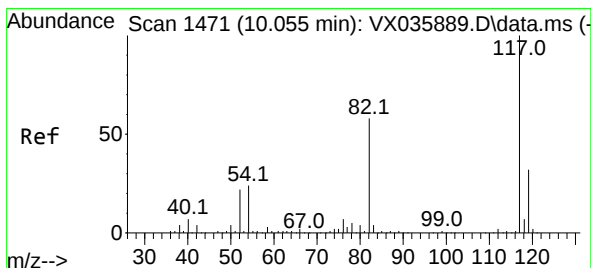
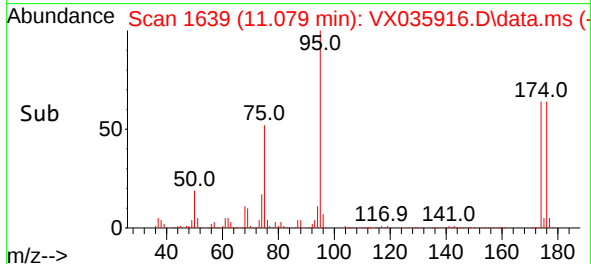
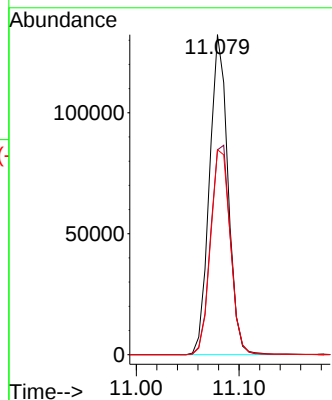
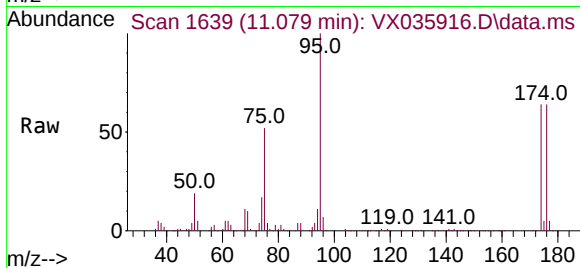
Tgt Ion: 95 Resp: 165340

Ion Ratio Lower Upper

95 100

174 70.0 0.0 132.6

176 68.5 0.0 128.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035916.D

Acq: 30 May 2023 19:08

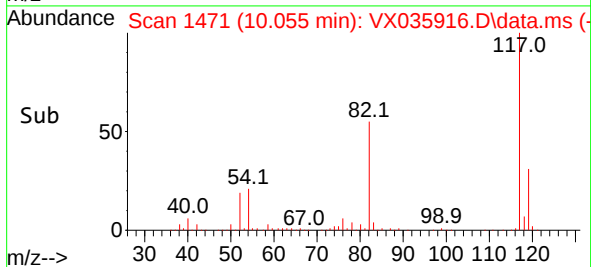
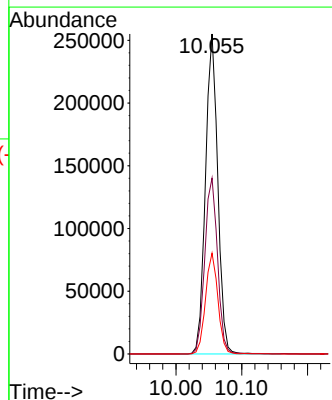
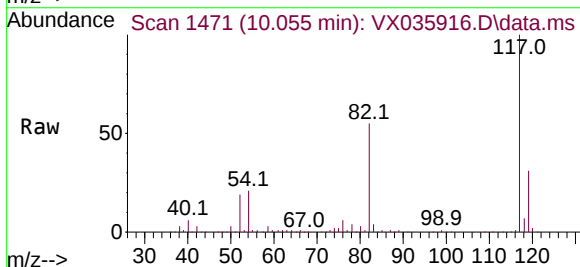
Tgt Ion: 117 Resp: 331732

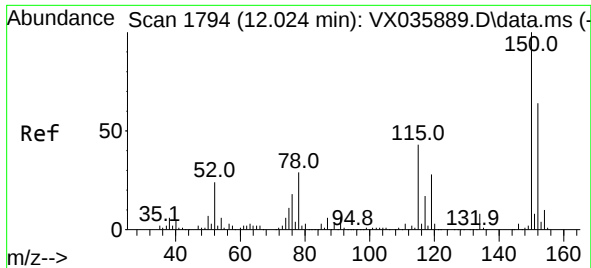
Ion Ratio Lower Upper

117 100

82 55.0 46.6 69.8

119 31.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035916.D

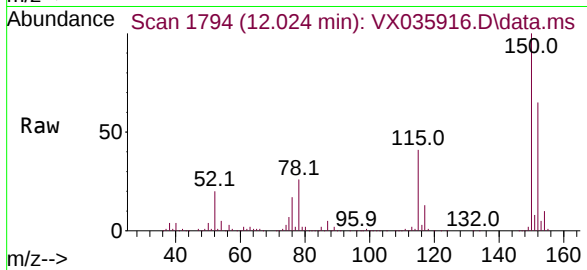
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Tgt Ion:152 Resp: 158868

Ion Ratio Lower Upper

152 100

115 64.6 45.5 136.5

150 159.5 0.0 345.2

