

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035914.D
 Acq On : 30 May 2023 18:21
 Operator : JC/MD
 Sample : 02924-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-002-003-2RE

Quant Time: May 31 05:48:49 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)

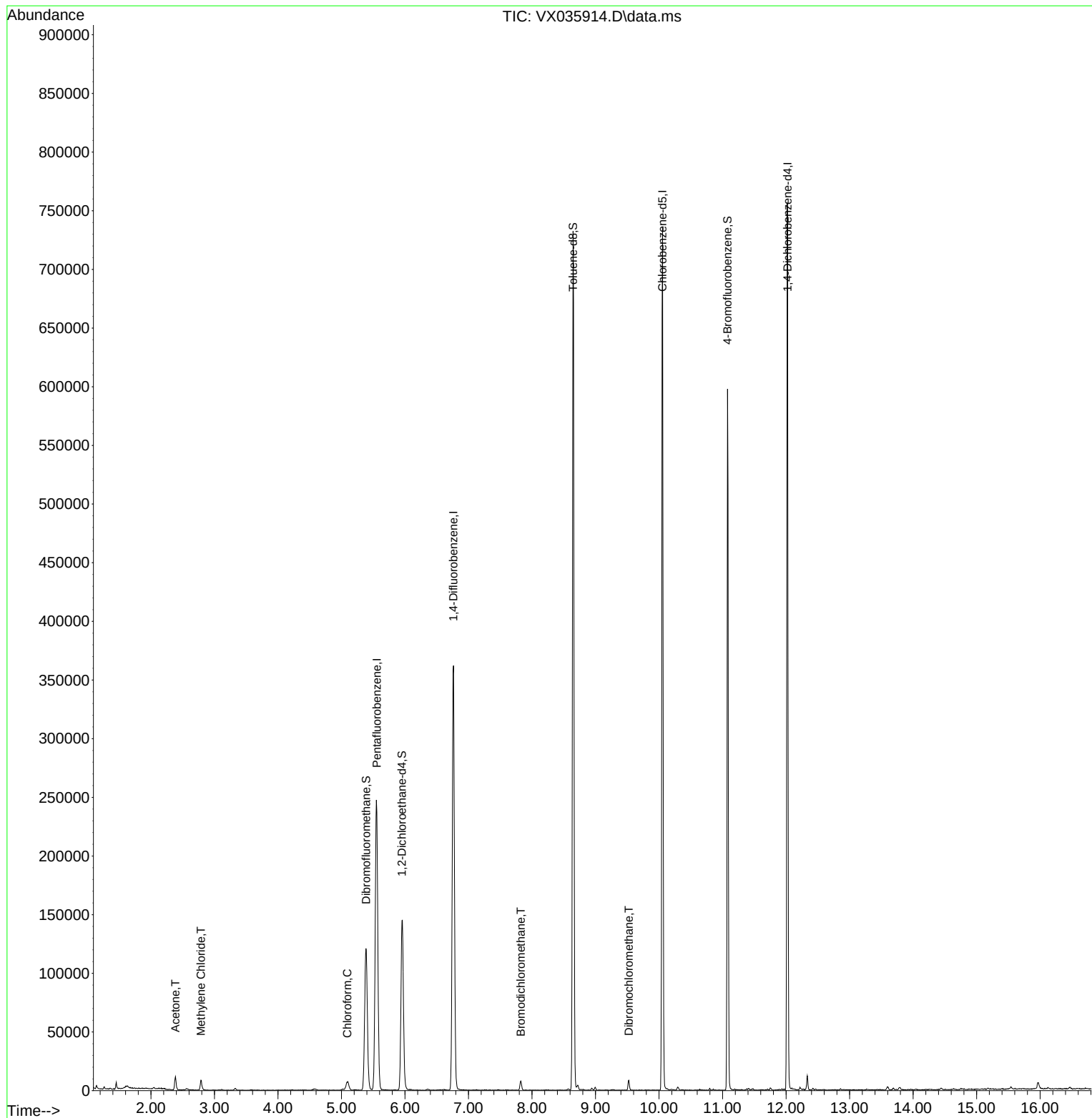
Internal Standards						
1) Pentafluorobenzene	5.556	168	226998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145251	36.008	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	72.020%#
35) Dibromofluoromethane	5.385	113	109551	42.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.840%
50) Toluene-d8	8.647	98	430085	45.911	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.820%#
62) 4-Bromofluorobenzene	11.079	95	162382	43.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.000%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	12282	7.542	ug/l	98
20) Methylene Chloride	2.788	84	4170	0.587	ug/l #	93
30) Chloroform	5.093	83	9001	1.608	ug/l	97
47) Bromodichloromethane	7.824	83	5038	1.375	ug/l	97
60) Dibromochloromethane	9.525	129	2899	1.172	ug/l	91

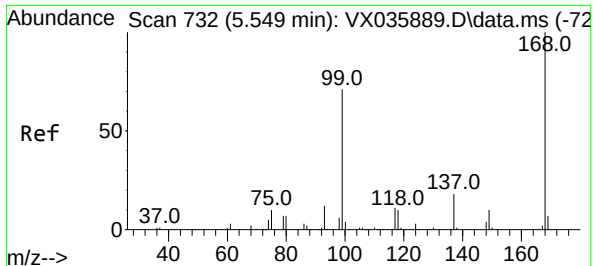
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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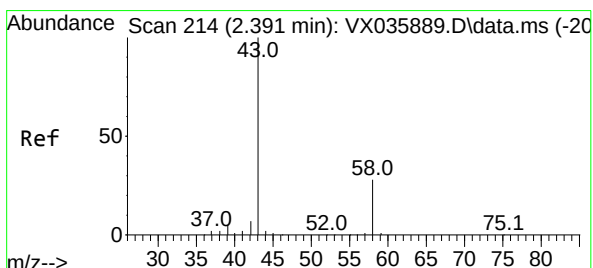
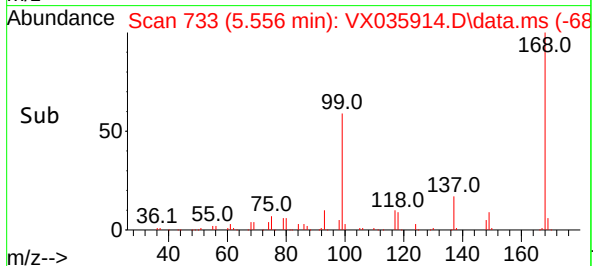
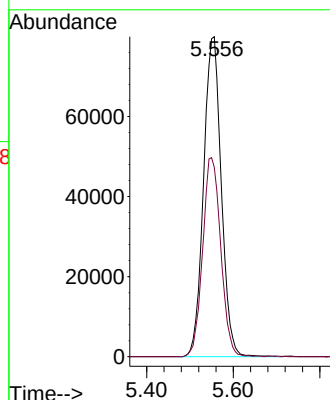
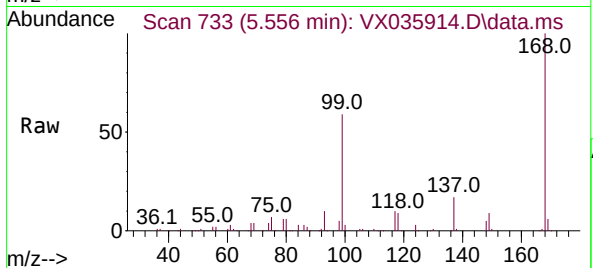




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035914.D
Acq: 30 May 2023 18:21

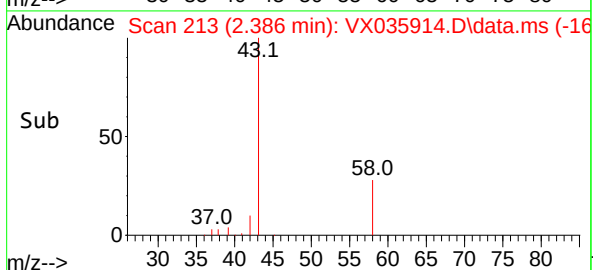
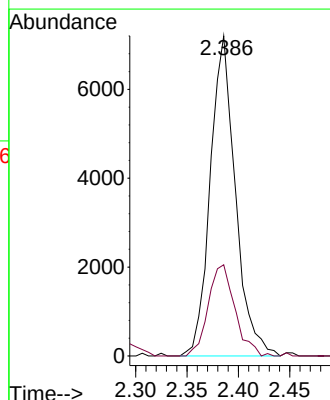
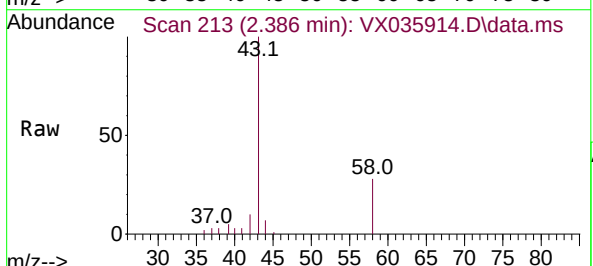
Instrument :
MSVOA_X
ClientSampleId :
001-002-003-2RE

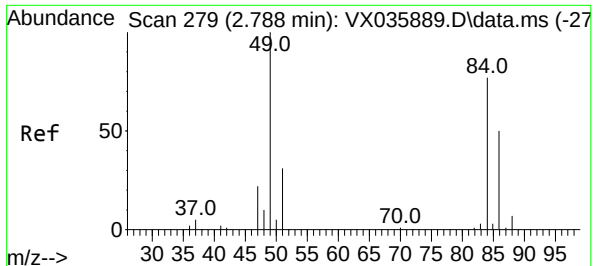
Tgt Ion:168 Resp: 226998
Ion Ratio Lower Upper
168 100
99 59.2 57.0 85.6



#16
Acetone
Concen: 7.542 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035914.D
Acq: 30 May 2023 18:21

Tgt Ion: 43 Resp: 12282
Ion Ratio Lower Upper
43 100
58 28.5 22.2 33.2





#20

Methylene Chloride

Concen: 0.587 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035914.D

Acq: 30 May 2023 18:21

Instrument :

MSVOA_X

ClientSampleId :

001-002-003-2RE

Tgt Ion: 84 Resp: 4170

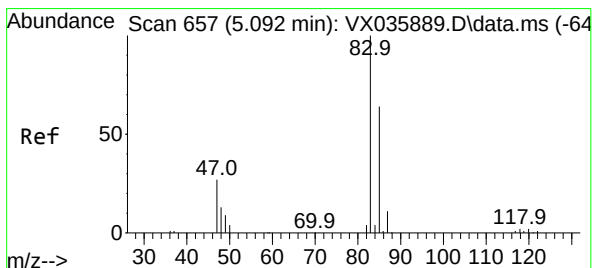
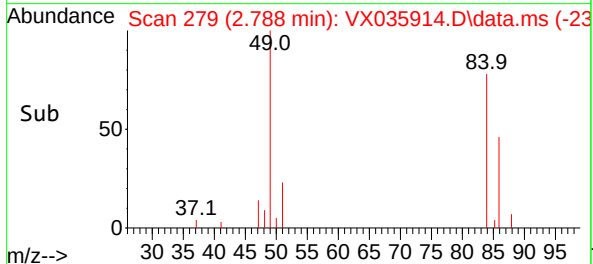
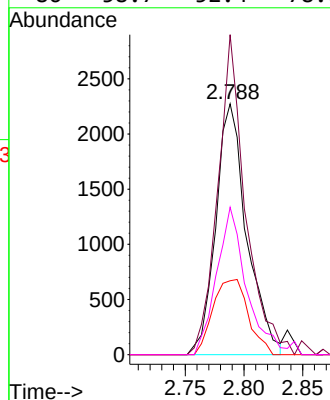
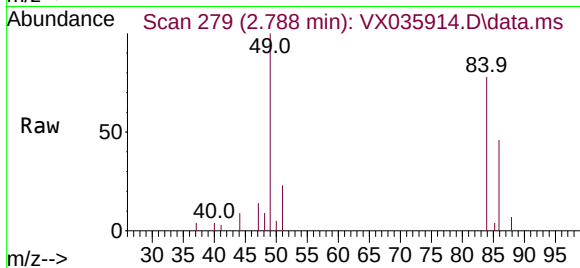
Ion Ratio Lower Upper

84 100

49 127.6 104.6 156.8

51 29.5 32.2 48.4#

86 58.7 52.4 78.6



#30

Chloroform

Concen: 1.608 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035914.D

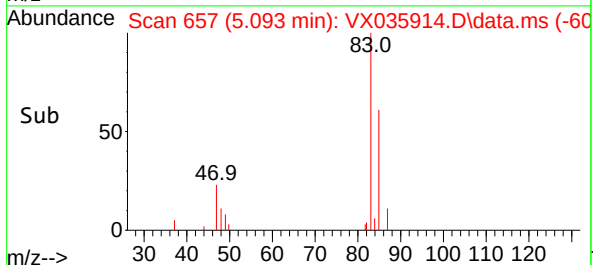
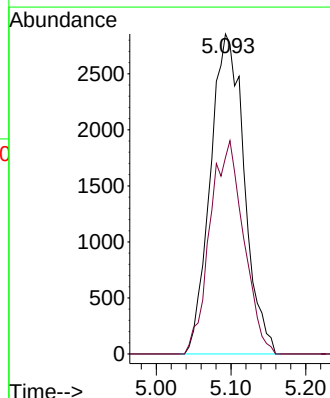
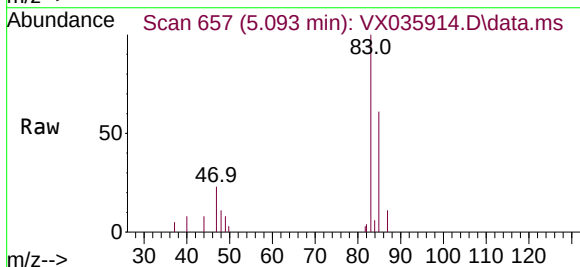
Acq: 30 May 2023 18:21

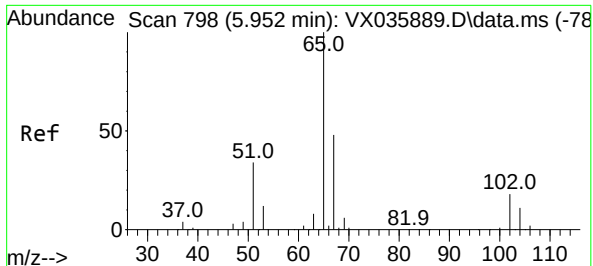
Tgt Ion: 83 Resp: 9001

Ion Ratio Lower Upper

83 100

85 61.4 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 36.008 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035914.D

Acq: 30 May 2023 18:21

Instrument :

MSVOA_X

ClientSampleId :

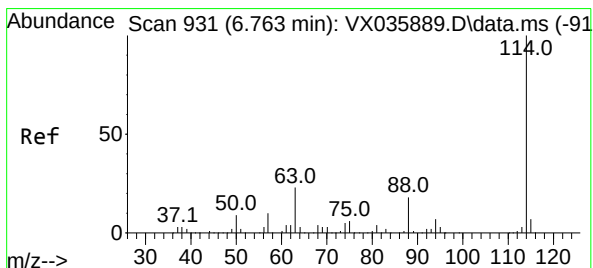
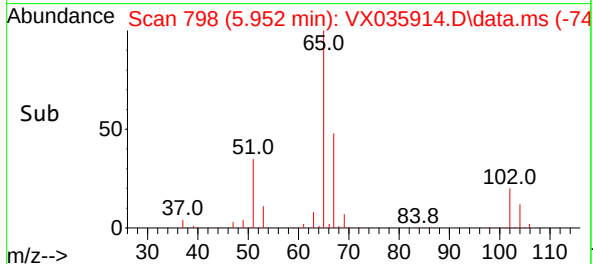
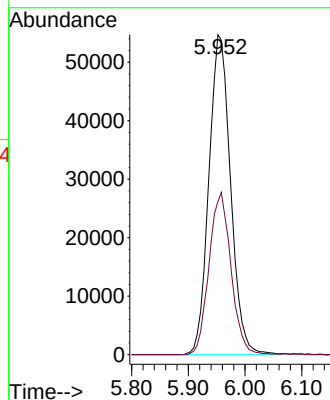
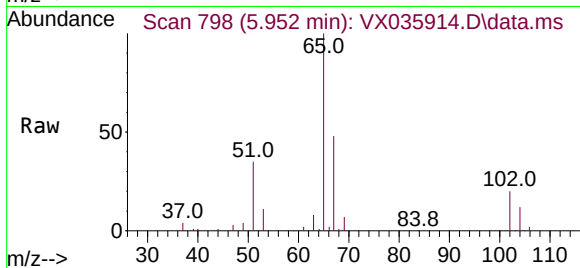
001-002-003-2RE

Tgt Ion: 65 Resp: 145251

Ion Ratio Lower Upper

65 100

67 51.3 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: VX035914.D

Acq: 30 May 2023 18:21

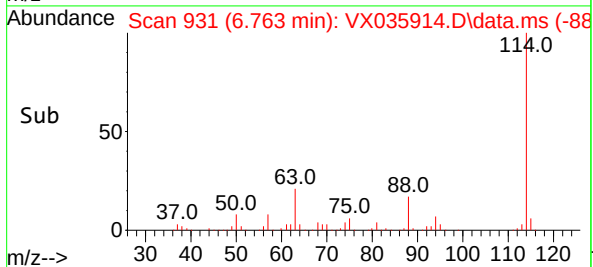
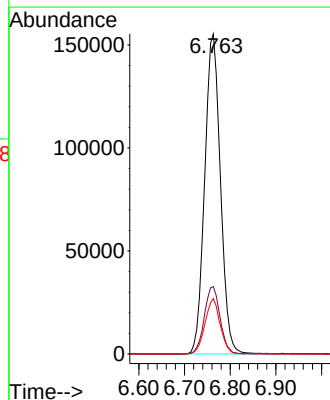
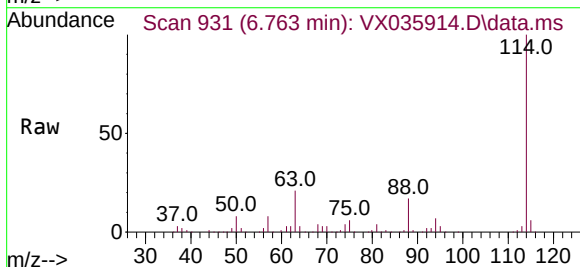
Tgt Ion: 114 Resp: 371601

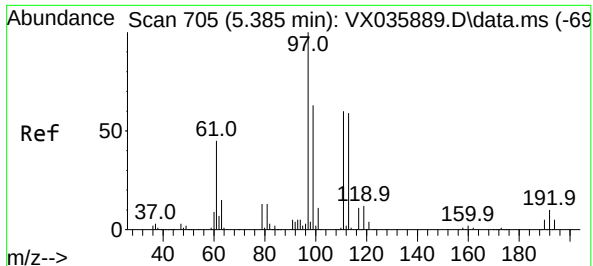
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.0

88 17.3 0.0 35.2





#35

Dibromofluoromethane

Concen: 42.918 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035914.D

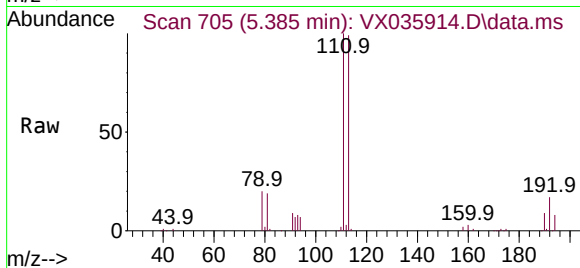
Acq: 30 May 2023 18:21

Instrument :

MSVOA_X

ClientSampleId :

001-002-003-2RE



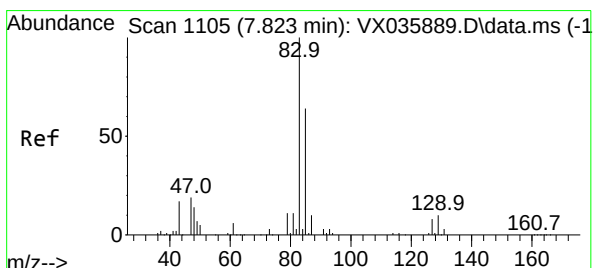
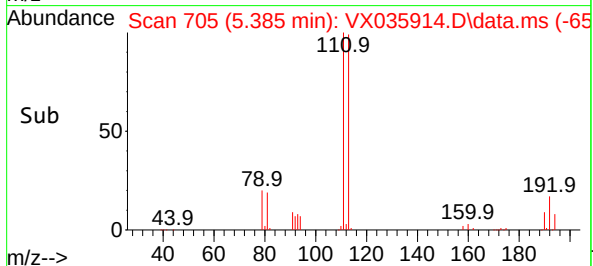
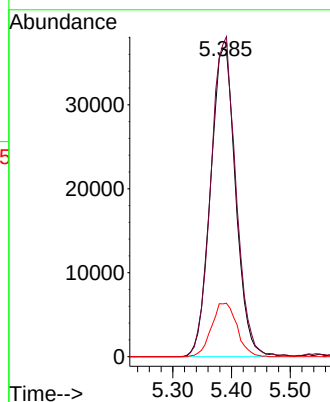
Tgt Ion:113 Resp: 109551

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

192 17.5 13.5 20.3



#47

Bromodichloromethane

Concen: 1.375 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VX035914.D

Acq: 30 May 2023 18:21

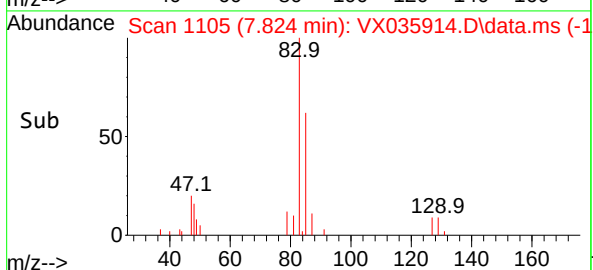
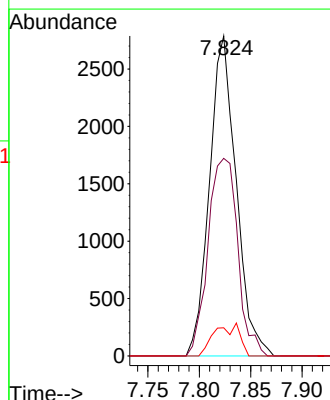
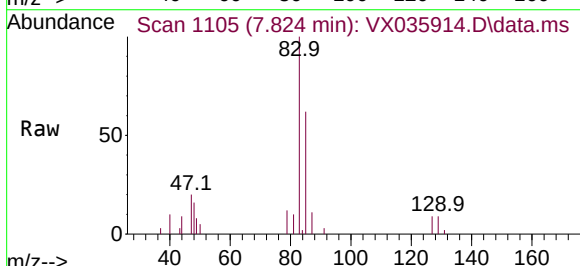
Tgt Ion: 83 Resp: 5038

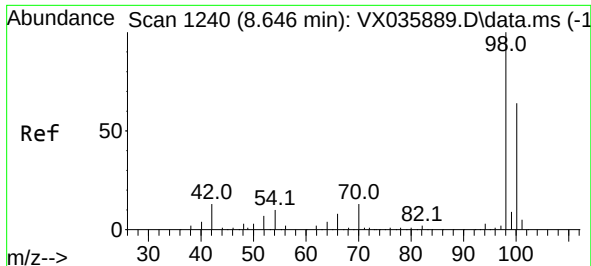
Ion Ratio Lower Upper

83 100

85 61.7 51.3 76.9

127 8.8 6.6 10.0

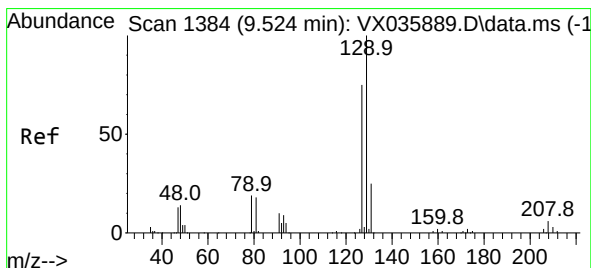
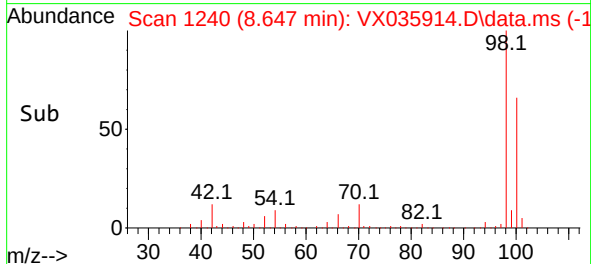
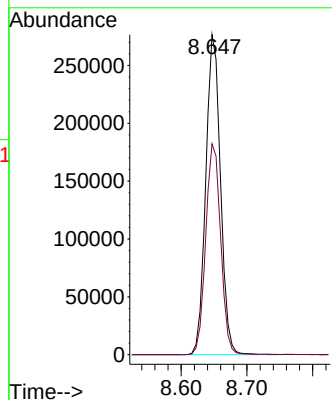
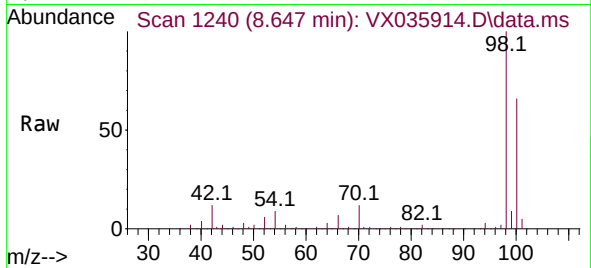




#50
Toluene-d8
Concen: 45.911 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035914.D
Acq: 30 May 2023 18:21

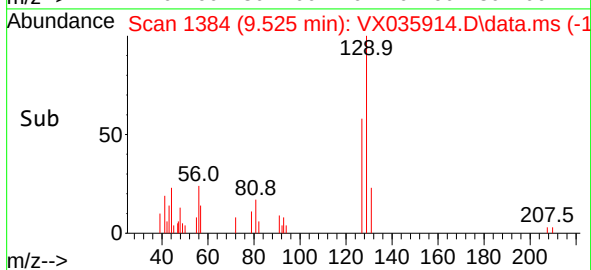
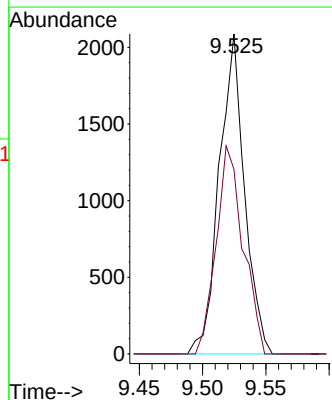
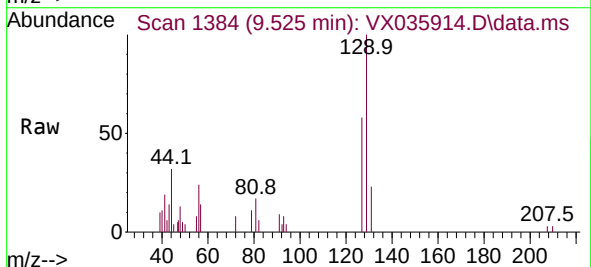
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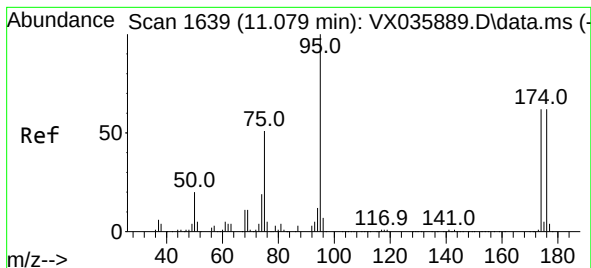
Tgt Ion: 98 Resp: 430085
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.0



#60
Dibromochloromethane
Concen: 1.172 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX035914.D
Acq: 30 May 2023 18:21

Tgt Ion: 129 Resp: 2899
Ion Ratio Lower Upper
129 100
127 69.3 38.4 115.1

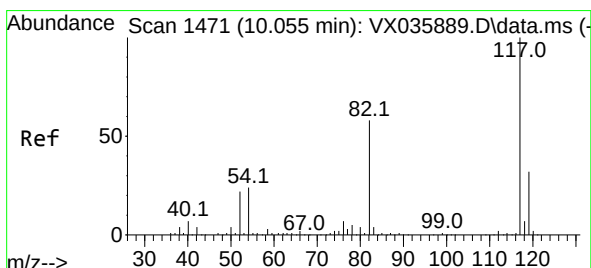
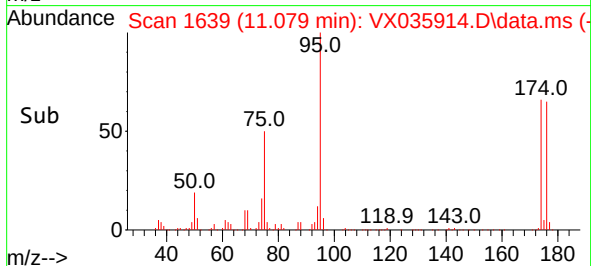
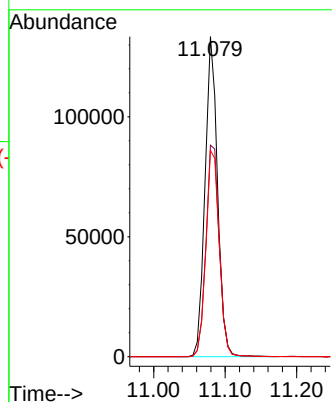
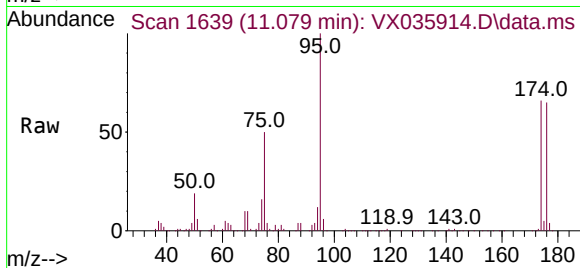




#62
4-Bromofluorobenzene
Concen: 43.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035914.D
Acq: 30 May 2023 18:21

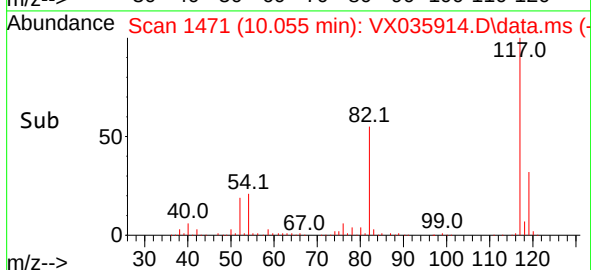
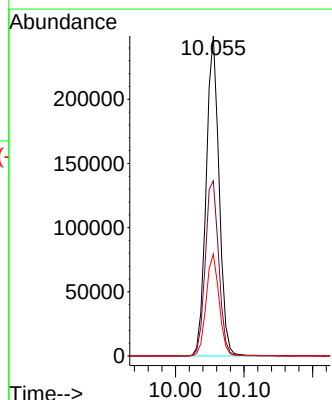
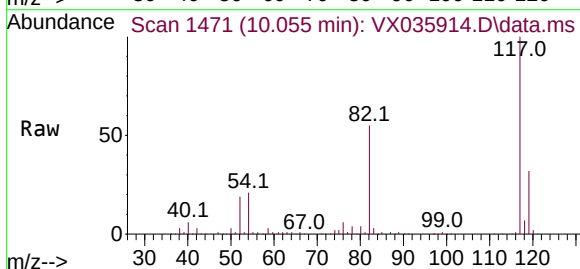
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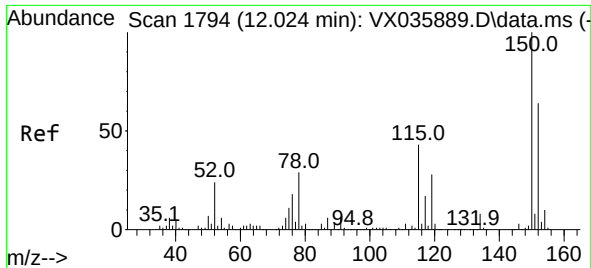
Tgt Ion: 95 Resp: 162382
Ion Ratio Lower Upper
95 100
174 70.6 0.0 132.6
176 68.6 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035914.D
Acq: 30 May 2023 18:21

Tgt Ion: 117 Resp: 327213
Ion Ratio Lower Upper
117 100
82 54.7 46.6 69.8
119 31.8 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: VX035914.D

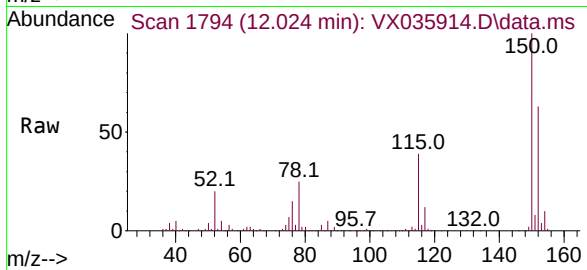
Acq: 30 May 2023 18:21

Instrument :

MSVOA_X

ClientSampleId :

001-002-003-2RE



Tgt Ion:152 Resp: 151880

Ion Ratio Lower Upper

152 100

115 64.7 45.5 136.5

150 160.7 0.0 345.2

