

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035538.D
 Acq On : 05 May 2023 16:02
 Operator : JC/MD
 Sample : 02615-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-3

Quant Time: May 08 00:51:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

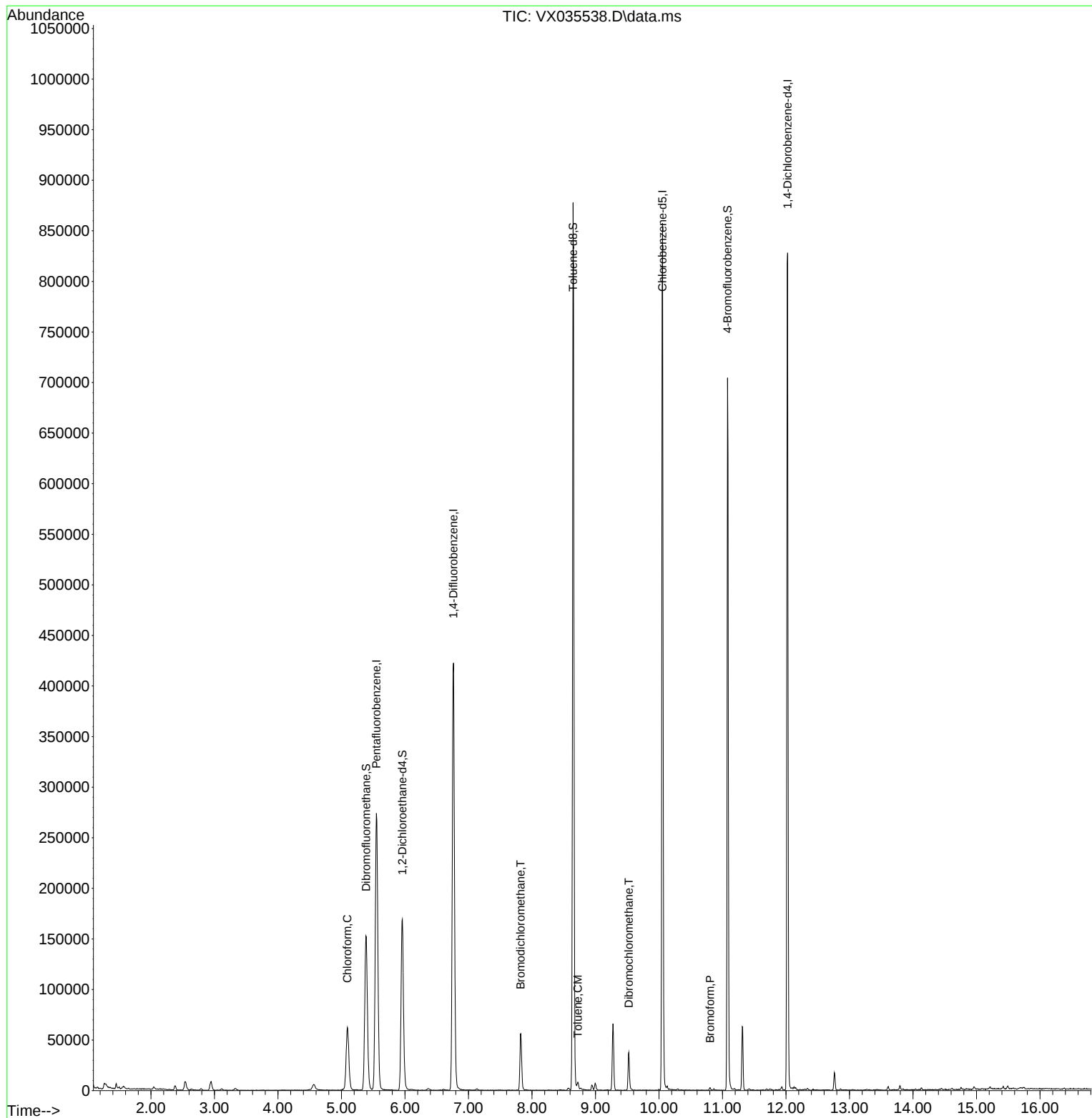
Internal Standards						
1) Pentafluorobenzene	5.550	168	267801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	444413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163385	50.570	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.140%	
35) Dibromofluoromethane	5.385	113	137860	50.541	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.080%	
50) Toluene-d8	8.647	98	519823	50.519	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.040%	
62) 4-Bromofluorobenzene	11.079	95	196403	50.740	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.480%	
Target Compounds						
					Qvalue	
30) Chloroform	5.093	83	76431	14.839	ug/l	99
47) Bromodichloromethane	7.818	83	38048	9.763	ug/l	97
52) Toluene	8.720	92	2971	0.384	ug/l	87
60) Dibromochloromethane	9.525	129	13827	4.674	ug/l	97
71) Bromoform	10.805	173	1102	0.525	ug/l #	88

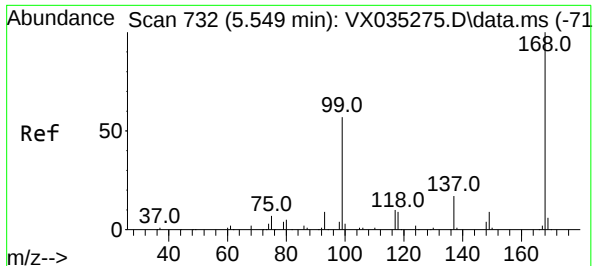
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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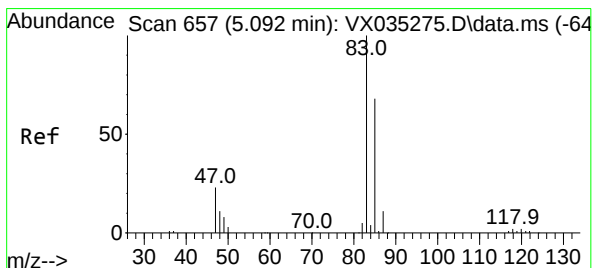
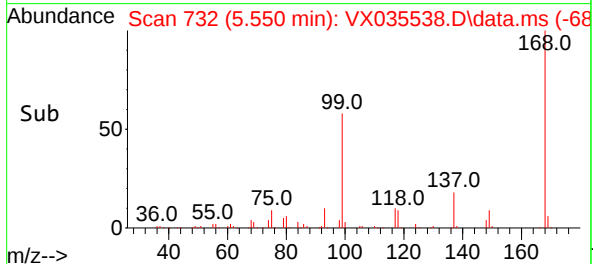
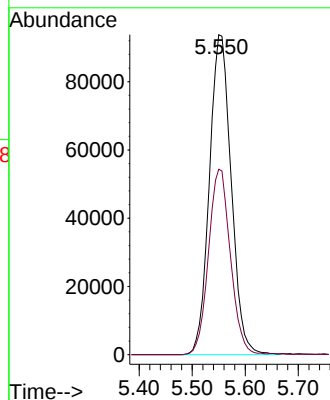
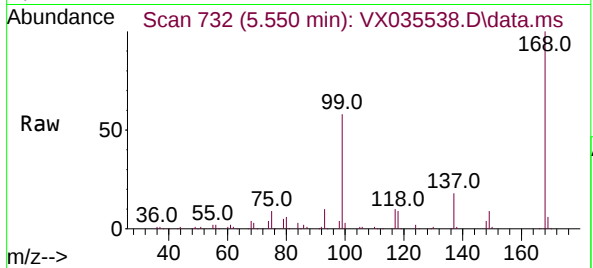




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035538.D
Acq: 05 May 2023 16:02

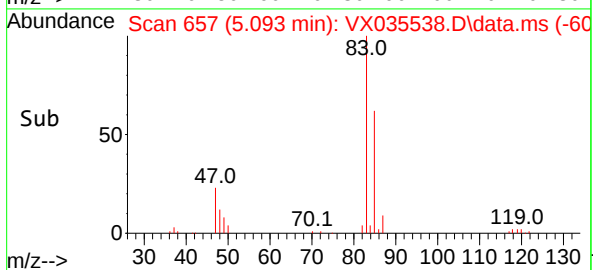
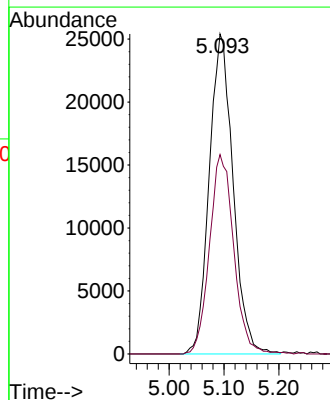
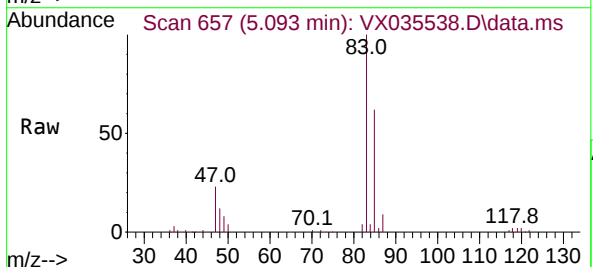
Instrument :
MSVOA_X
ClientSampleId :
002-3

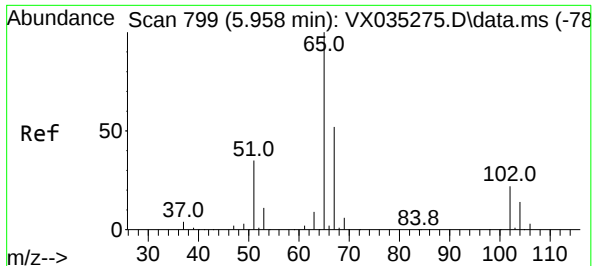
Tgt Ion:168 Resp: 267801
Ion Ratio Lower Upper
168 100
99 58.0 45.7 68.5



#30
Chloroform
Concen: 14.839 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX035538.D
Acq: 05 May 2023 16:02

Tgt Ion: 83 Resp: 76431
Ion Ratio Lower Upper
83 100
85 62.3 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 50.570 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035538.D

Acq: 05 May 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

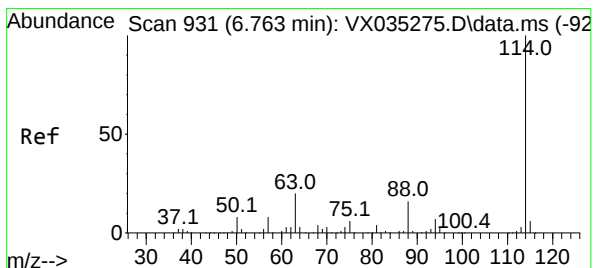
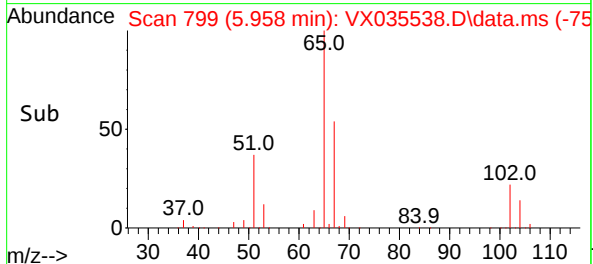
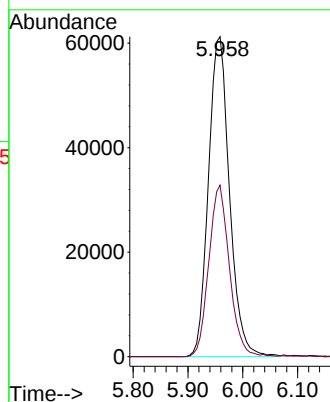
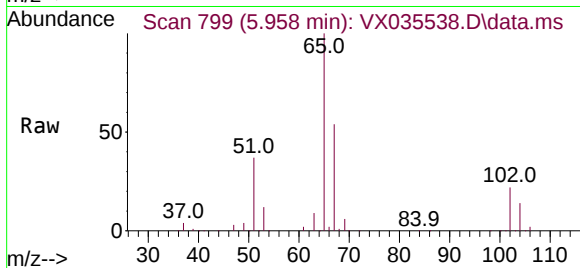
002-3

Tgt Ion: 65 Resp: 163385

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035538.D

Acq: 05 May 2023 16:02

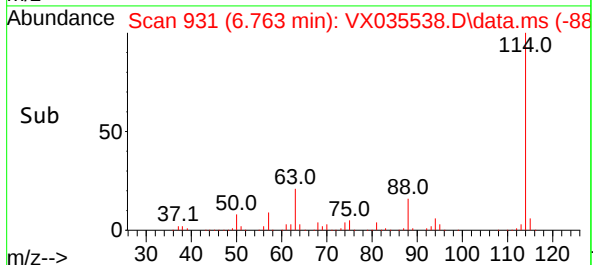
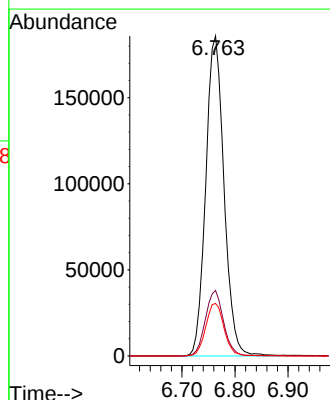
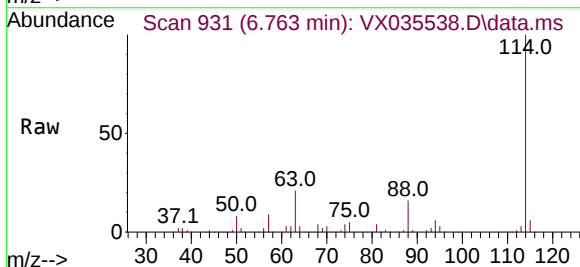
Tgt Ion: 114 Resp: 444413

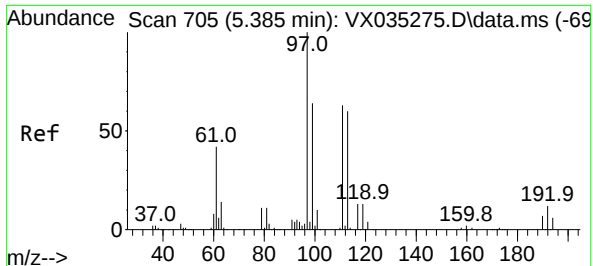
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.2

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.541 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035538.D

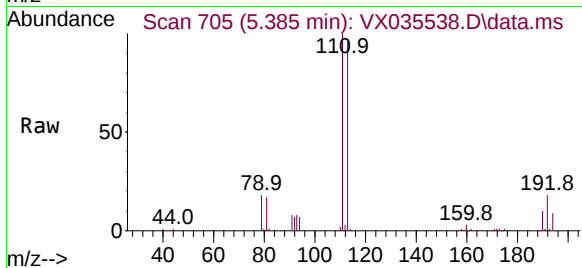
Acq: 05 May 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

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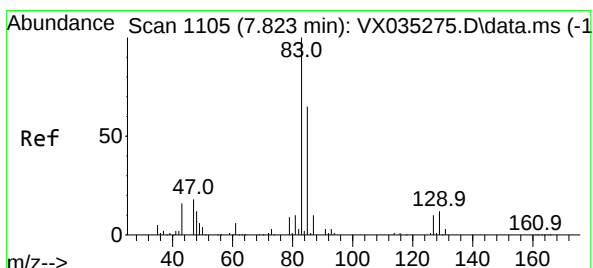
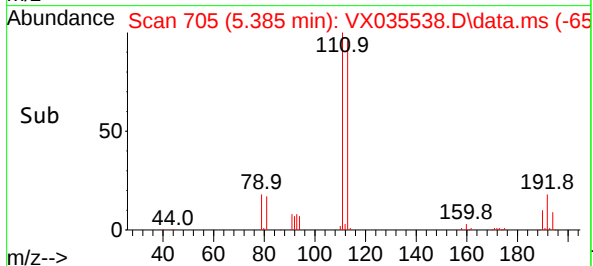
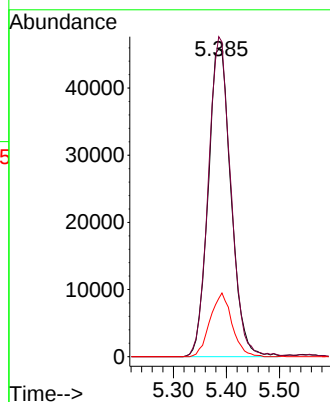
Tgt Ion:113 Resp: 137860

Ion Ratio Lower Upper

113 100

111 101.6 83.7 125.5

192 19.8 15.4 23.2



#47

Bromodichloromethane

Concen: 9.763 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.005 min

Lab File: VX035538.D

Acq: 05 May 2023 16:02

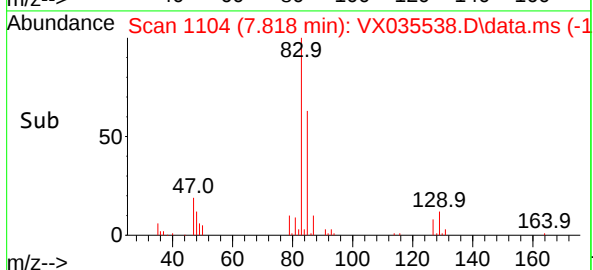
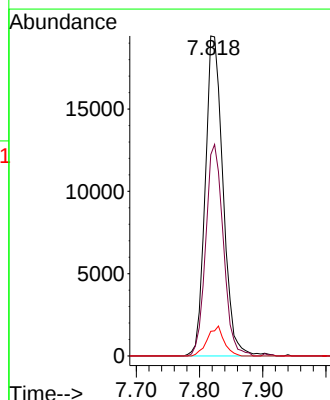
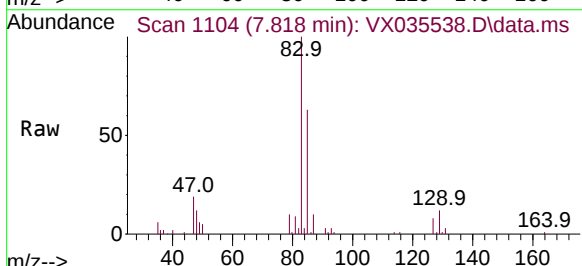
Tgt Ion: 83 Resp: 38048

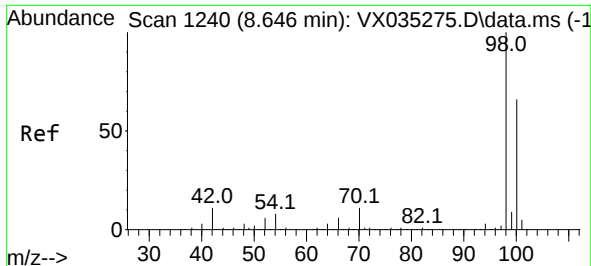
Ion Ratio Lower Upper

83 100

85 62.9 52.2 78.4

127 7.7 6.6 9.8

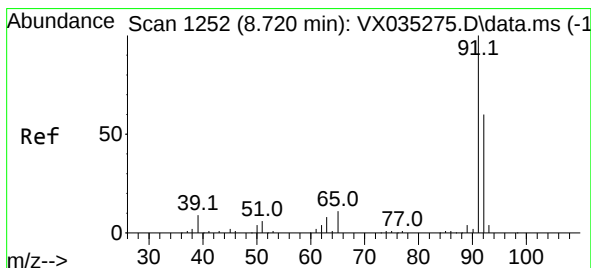
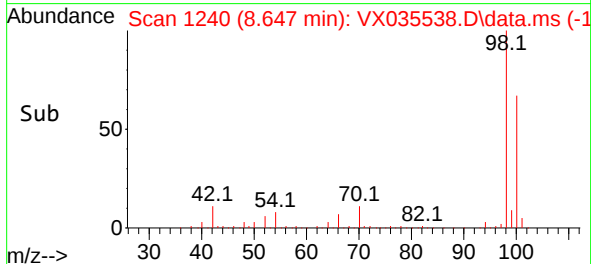
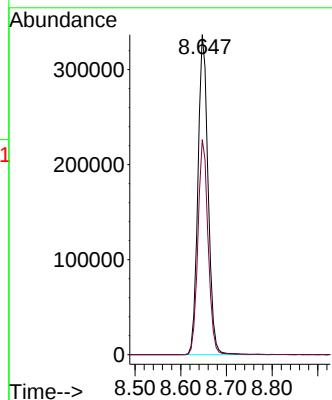
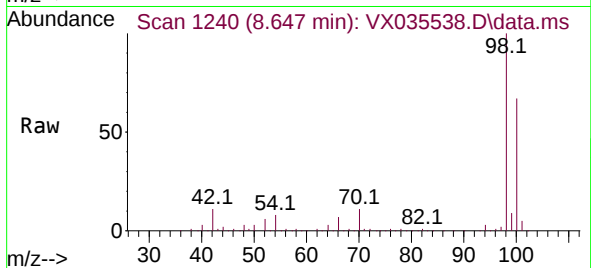




#50
Toluene-d8
Concen: 50.519 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035538.D
Acq: 05 May 2023 16:02

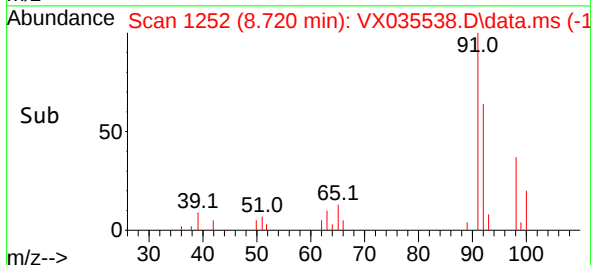
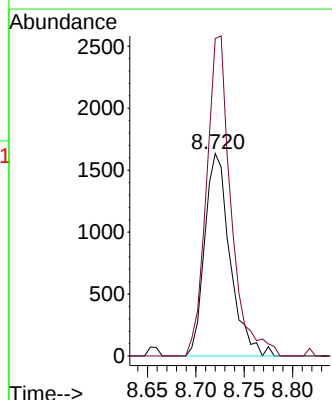
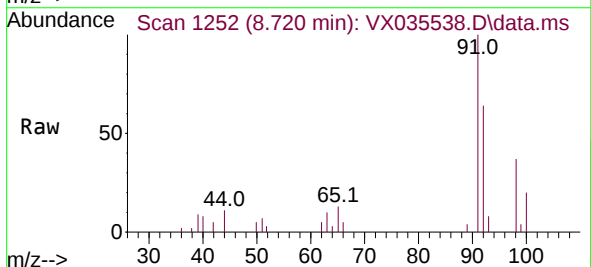
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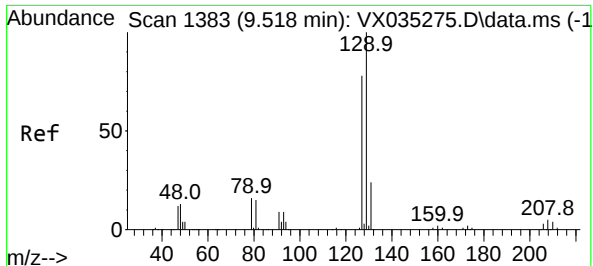
Tgt Ion: 98 Resp: 519823
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7



#52
Toluene
Concen: 0.384 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035538.D
Acq: 05 May 2023 16:02

Tgt Ion: 92 Resp: 2971
Ion Ratio Lower Upper
92 100
91 153.4 136.8 205.2

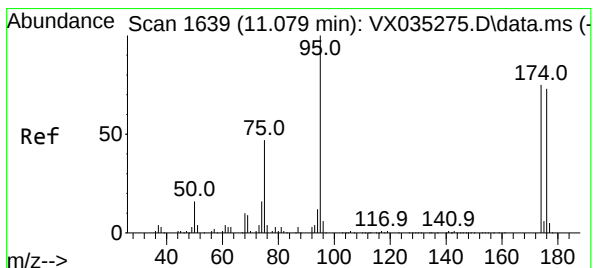
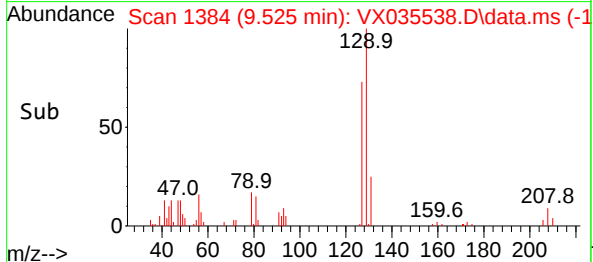
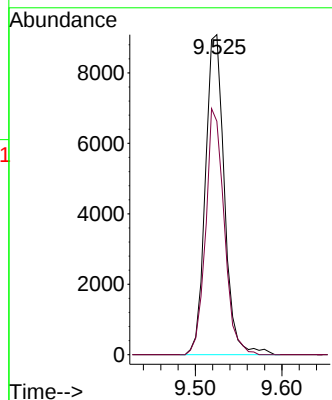
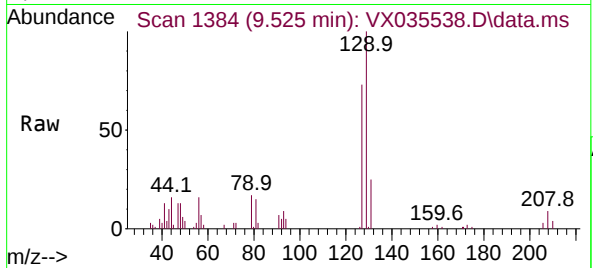




#60
Dibromochloromethane
Concen: 4.674 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX035538.D
Acq: 05 May 2023 16:02

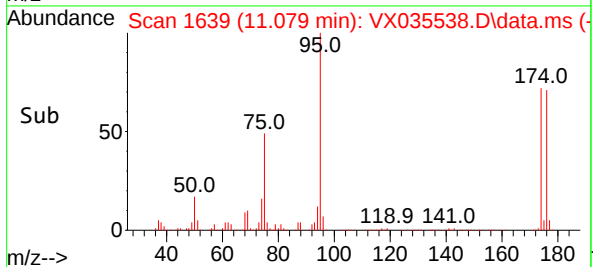
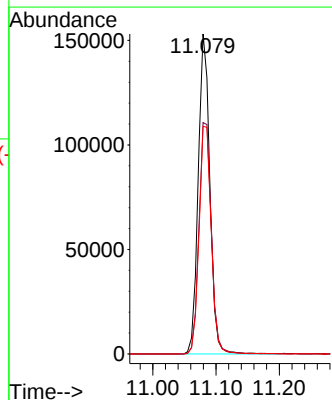
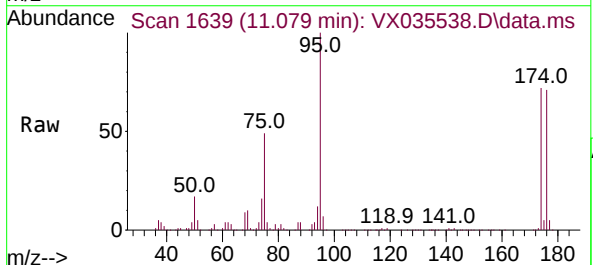
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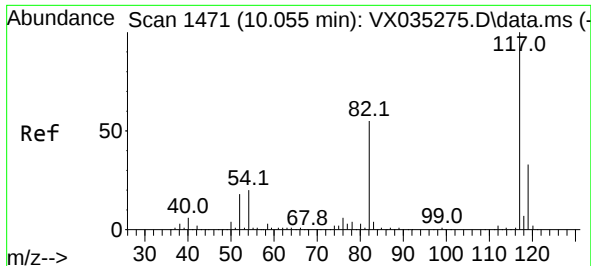
Tgt Ion:129 Resp: 13827
Ion Ratio Lower Upper
129 100
127 75.1 39.0 117.0



#62
4-Bromofluorobenzene
Concen: 50.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035538.D
Acq: 05 May 2023 16:02

Tgt Ion: 95 Resp: 196403
Ion Ratio Lower Upper
95 100
174 76.8 0.0 147.4
176 74.5 0.0 140.6

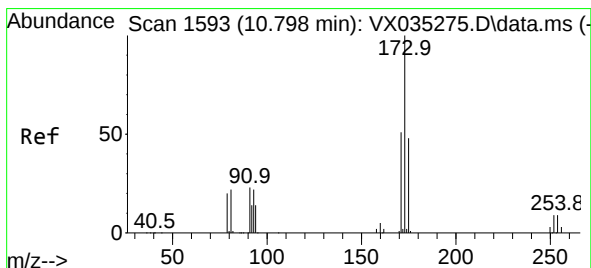
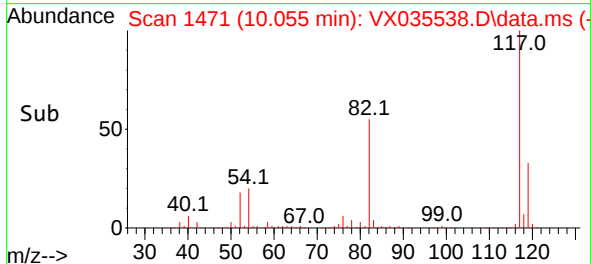
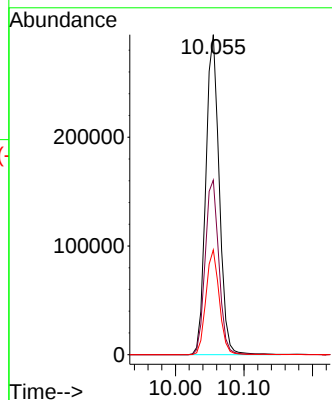
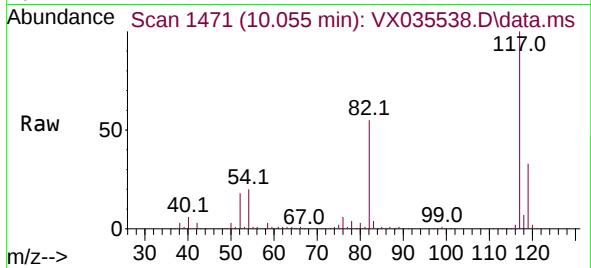




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035538.D
Acq: 05 May 2023 16:02

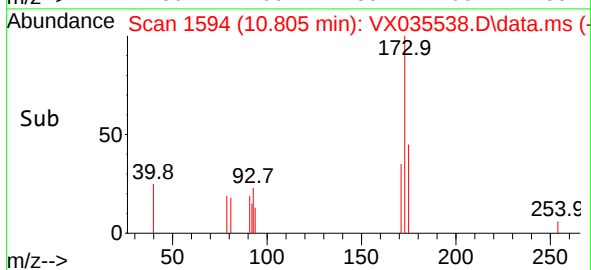
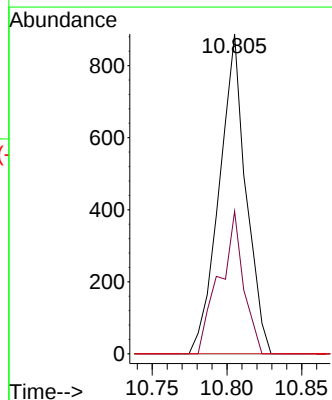
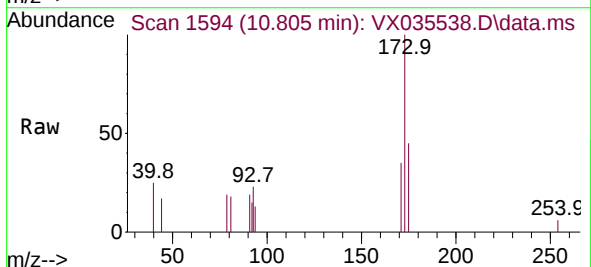
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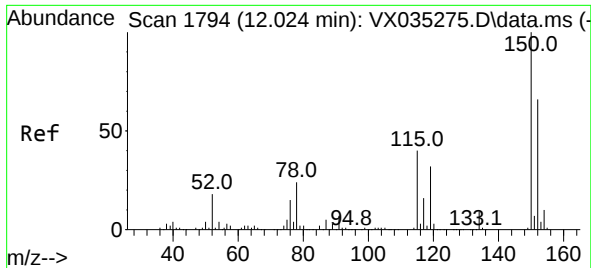
Tgt Ion:117 Resp: 400824
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.8 26.0 39.0



#71
Bromoform
Concen: 0.525 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.007 min
Lab File: VX035538.D
Acq: 05 May 2023 16:02

Tgt Ion:173 Resp: 1102
Ion Ratio Lower Upper
173 100
175 40.0 24.1 72.4
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035538.D

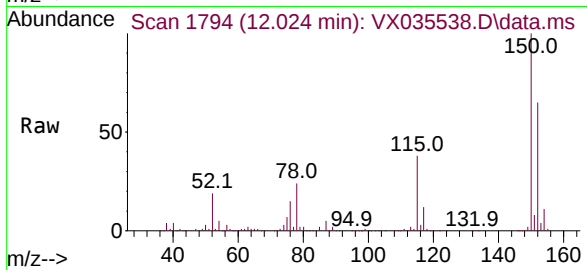
Acq: 05 May 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 185469

Ion Ratio Lower Upper

152 100

115 59.7 45.0 135.0

150 155.1 0.0 352.4

