

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035901.D
 Acq On : 30 May 2023 13:17
 Operator : JC/MD
 Sample : 02945-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP04

Quant Time: May 30 16:31:46 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	211894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	351120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149497	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164570	43.705	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.400%
35) Dibromofluoromethane	5.385	113	109651	45.463	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.920%
50) Toluene-d8	8.647	98	418073	47.232	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.460%
62) 4-Bromofluorobenzene	11.079	95	163949	47.012	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.020%

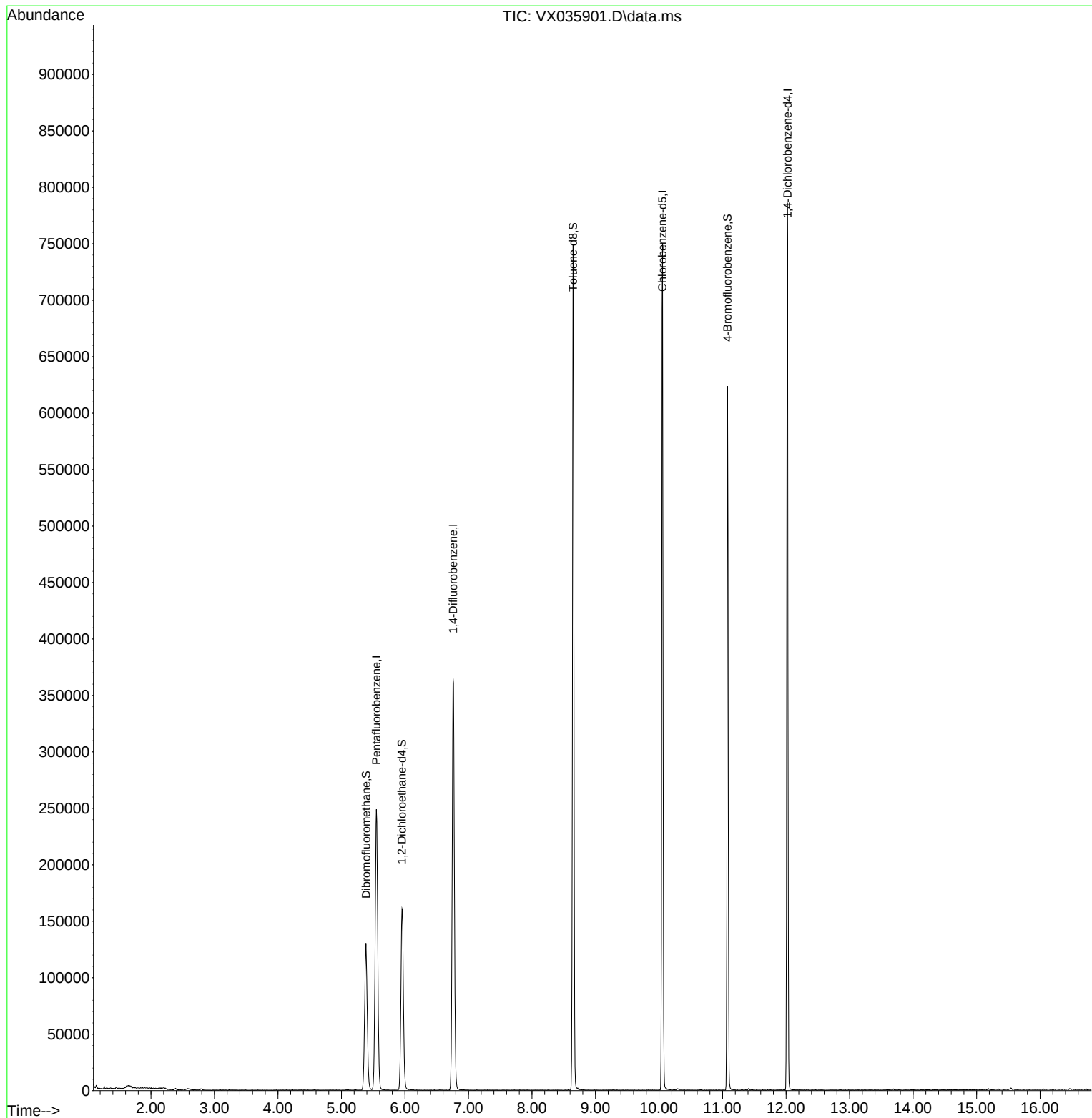
Target Compounds	Qvalue

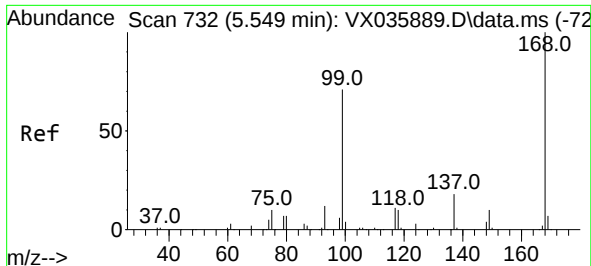
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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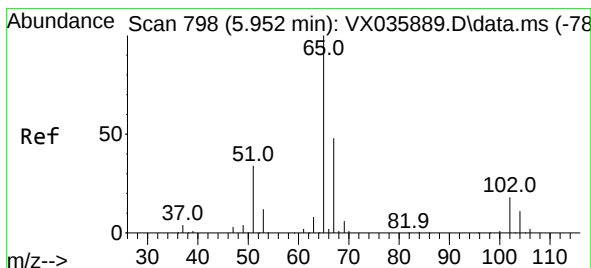
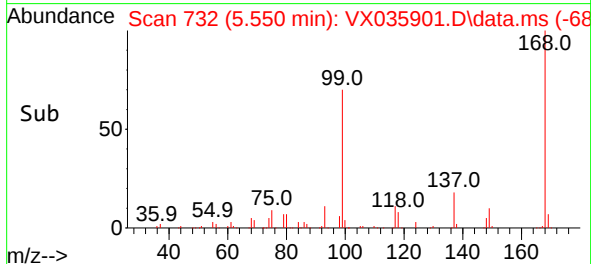
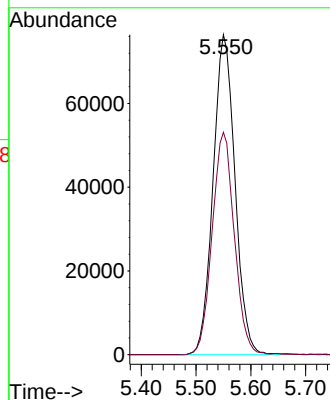
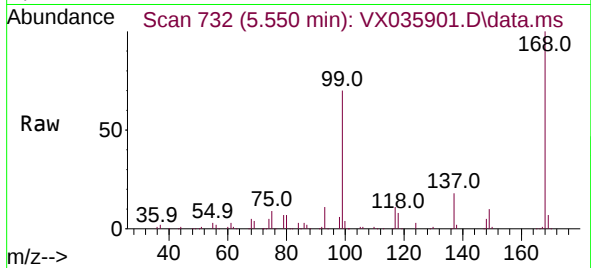




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035901.D
Acq: 30 May 2023 13:17

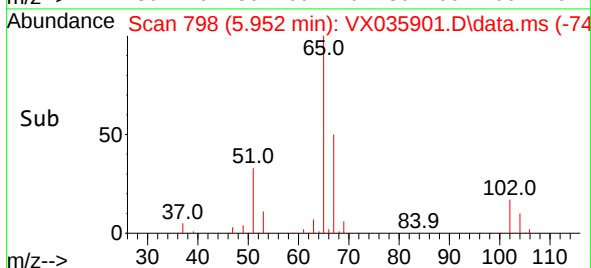
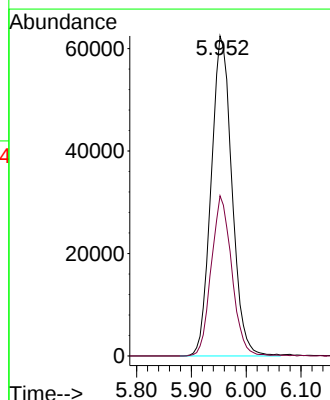
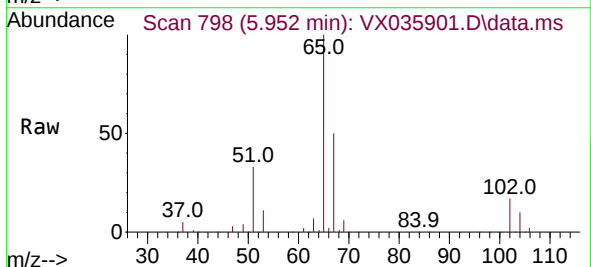
Instrument :
MSVOA_X
ClientSampleId :
TWP04

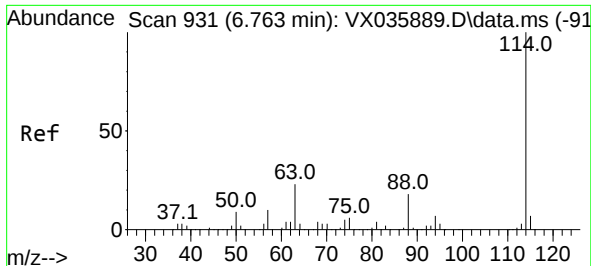
Tgt Ion:168 Resp: 211894
Ion Ratio Lower Upper
168 100
99 69.5 57.0 85.6



#33
1,2-Dichloroethane-d4
Concen: 43.705 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035901.D
Acq: 30 May 2023 13:17

Tgt Ion: 65 Resp: 164570
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX035901.D

Acq: 30 May 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

TWP04

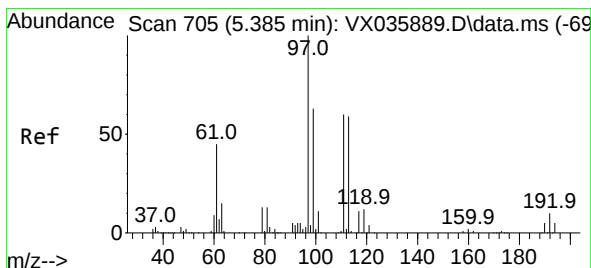
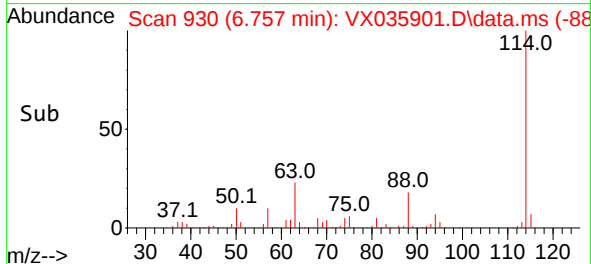
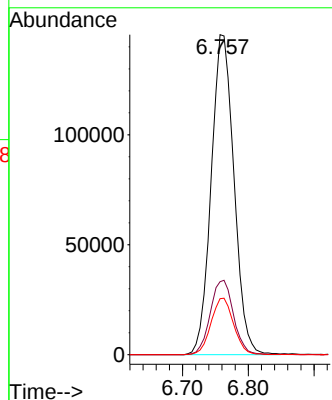
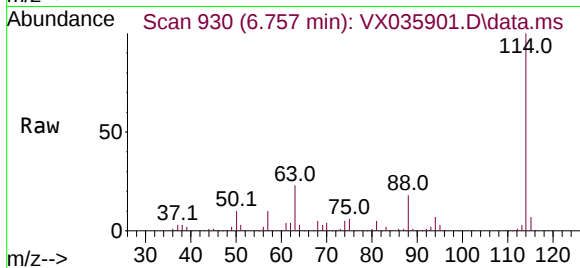
Tgt Ion:114 Resp: 351120

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.0

88 17.5 0.0 35.2



#35

Dibromofluoromethane

Concen: 45.463 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035901.D

Acq: 30 May 2023 13:17

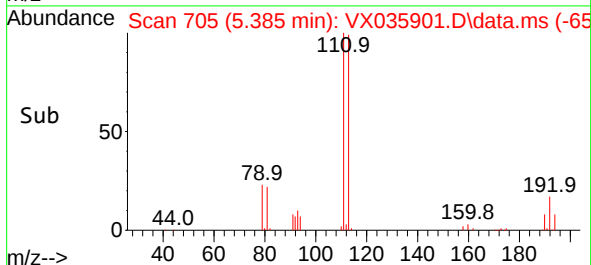
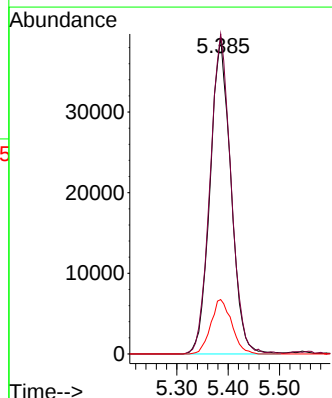
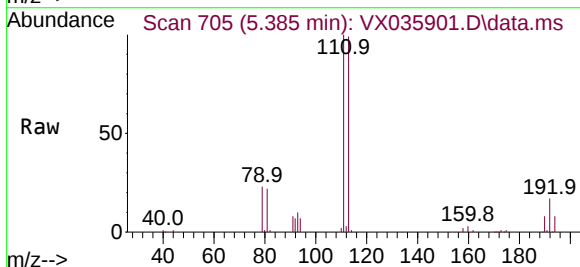
Tgt Ion:113 Resp: 109651

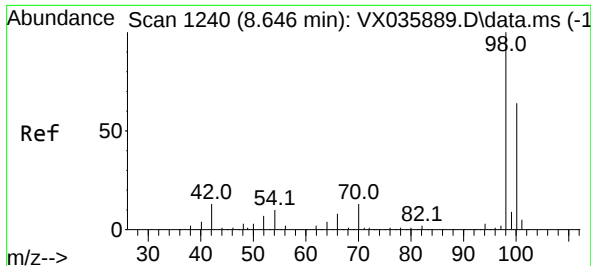
Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

192 17.4 13.5 20.3

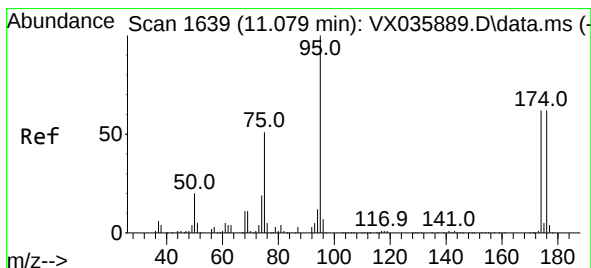
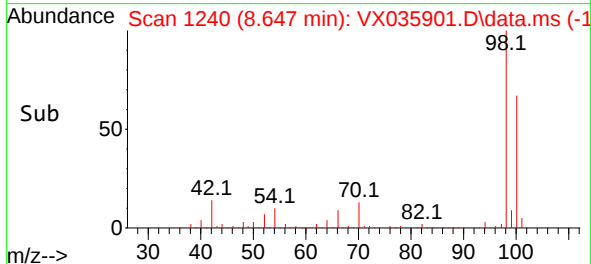
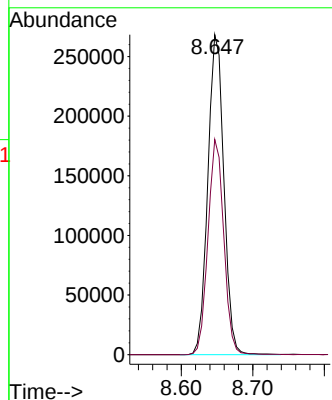
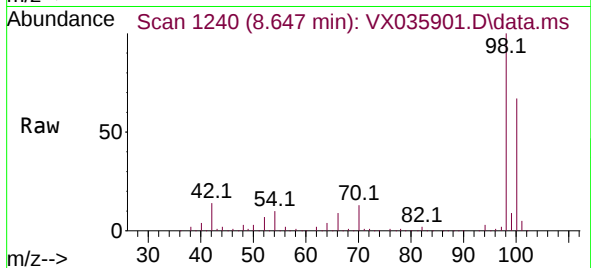




#50
Toluene-d8
Concen: 47.232 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035901.D
Acq: 30 May 2023 13:17

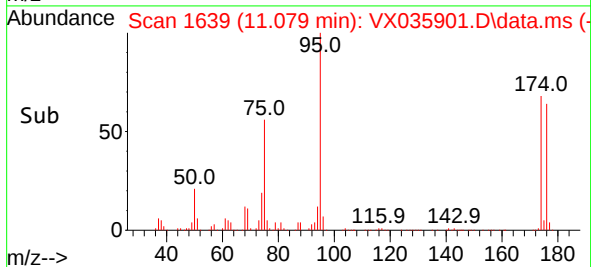
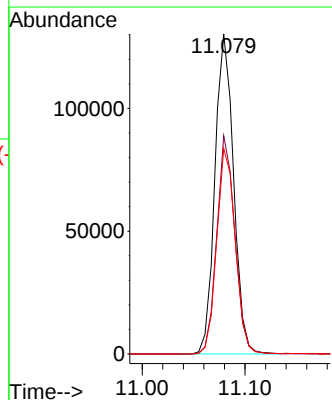
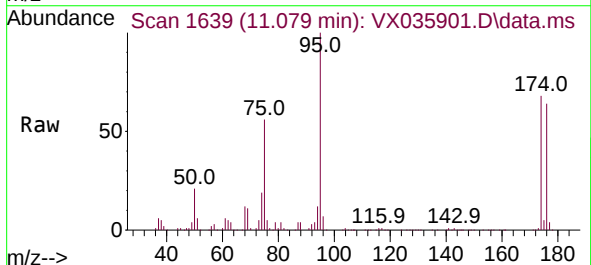
Instrument :
MSVOA_X
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TWP04

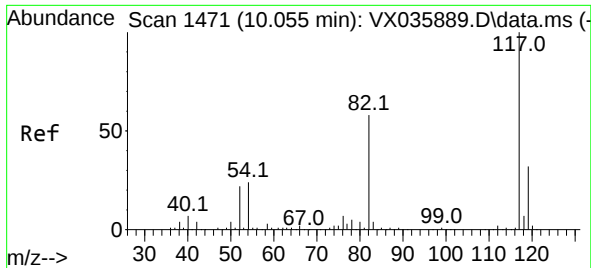
Tgt Ion: 98 Resp: 418073
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.012 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035901.D
Acq: 30 May 2023 13:17

Tgt Ion: 95 Resp: 163949
Ion Ratio Lower Upper
95 100
174 66.1 0.0 132.6
176 63.7 0.0 128.0

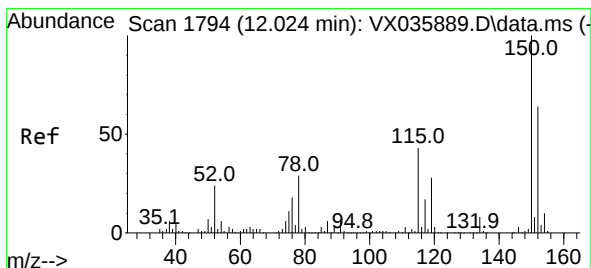
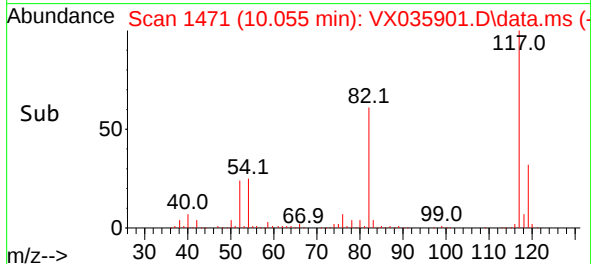
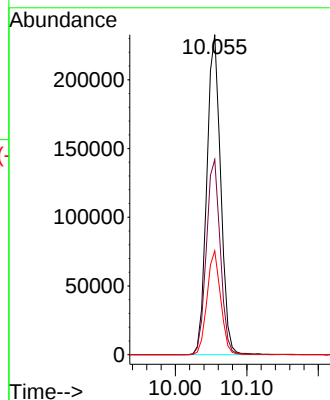
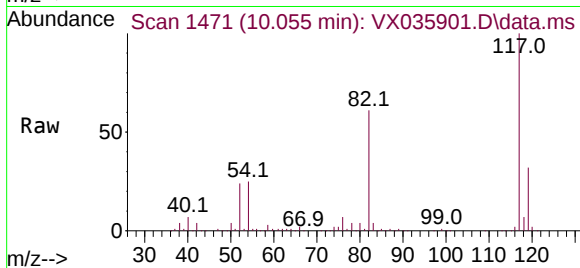




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035901.D
Acq: 30 May 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
TWP04

Tgt Ion:117 Resp: 313802
Ion Ratio Lower Upper
117 100
82 61.0 46.6 69.8
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035901.D
Acq: 30 May 2023 13:17

Tgt Ion:152 Resp: 149497
Ion Ratio Lower Upper
152 100
115 65.2 45.5 136.5
150 155.7 0.0 345.2

