

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046300.D
 Acq On : 21 May 2025 16:15
 Operator : JC/MD
 Sample : Q2082-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-360-362

Quant Time: May 22 01:51:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

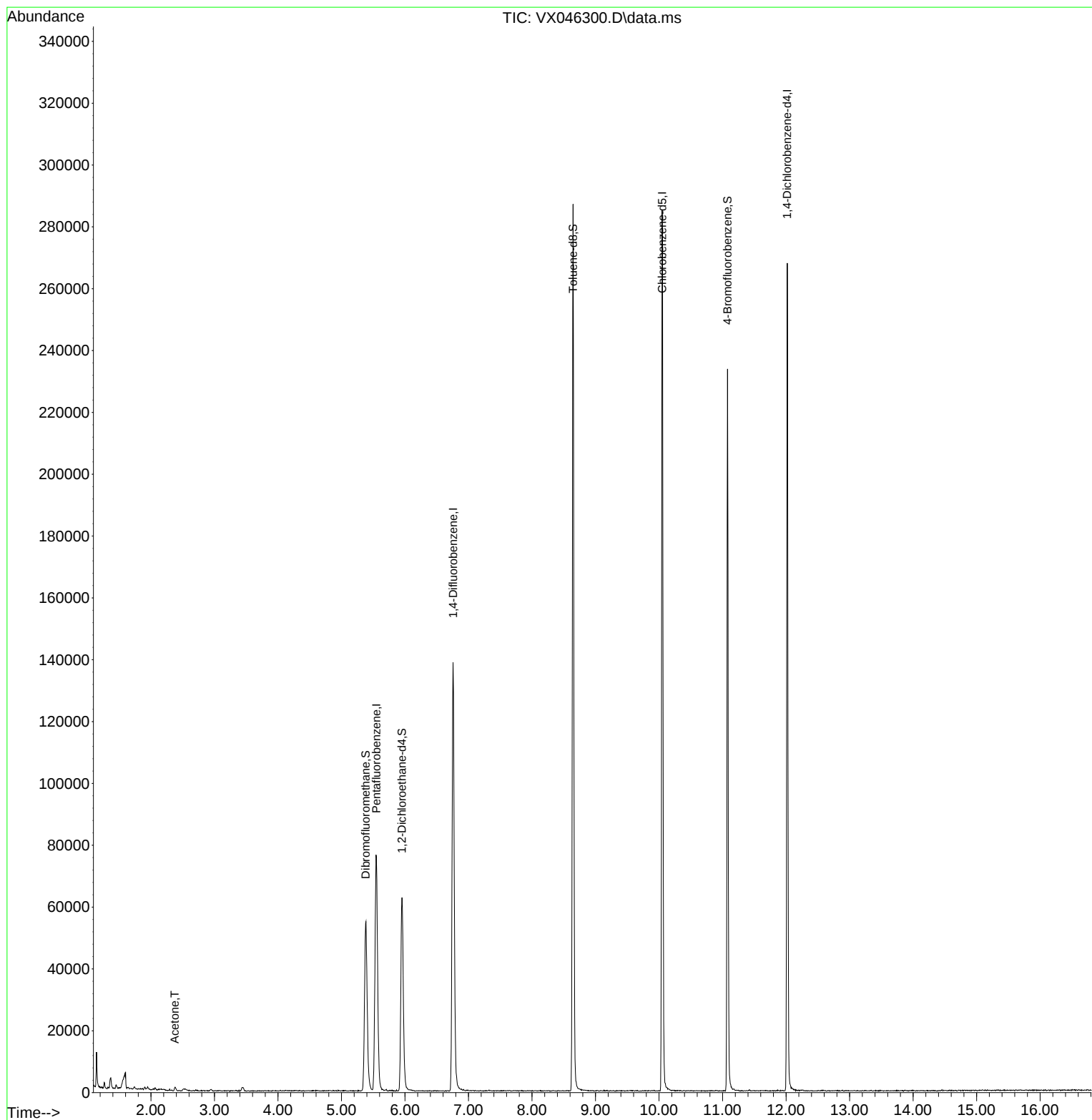
Internal Standards						
1) Pentafluorobenzene	5.550	168	65131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64595	53.197	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.400%
35) Dibromofluoromethane	5.379	113	47275	49.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.980%
50) Toluene-d8	8.647	98	161210	49.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	61552	49.028	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.060%
Target Compounds						
16) Acetone	2.374	43	1268	2.604	ug/l	Qvalue # 75

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

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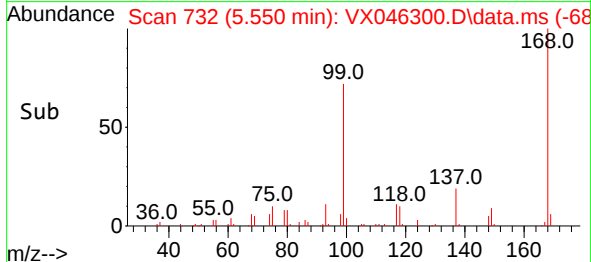
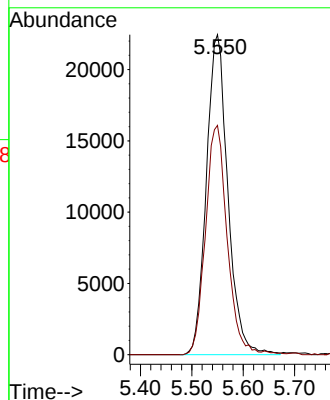
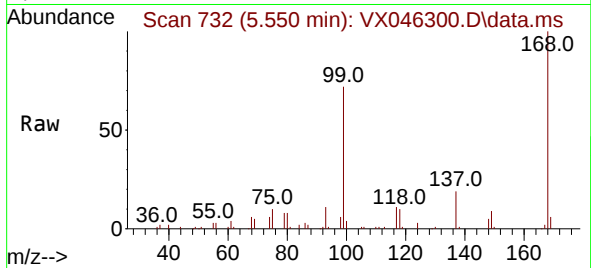




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046300.D
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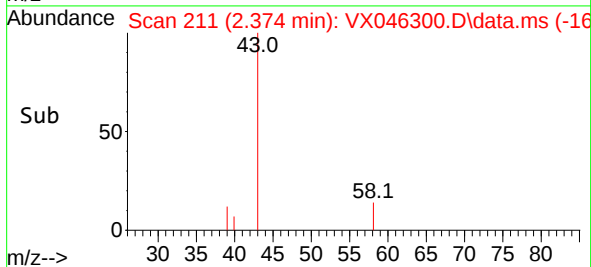
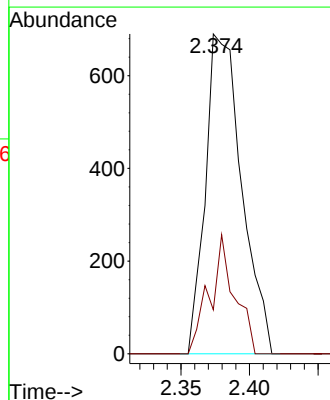
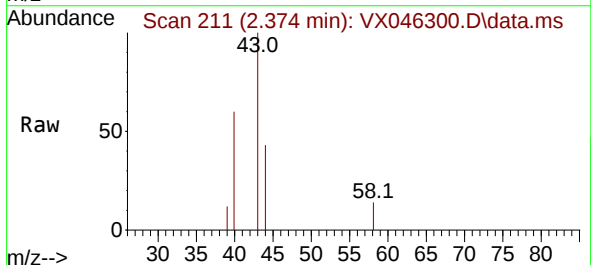
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-360-362

Tgt Ion:168 Resp: 65131
Ion Ratio Lower Upper
168 100
99 71.6 54.9 82.3



#16
Acetone
Concen: 2.604 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
58 13.8 21.2 31.8#

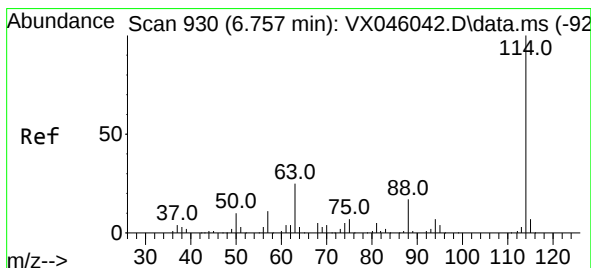
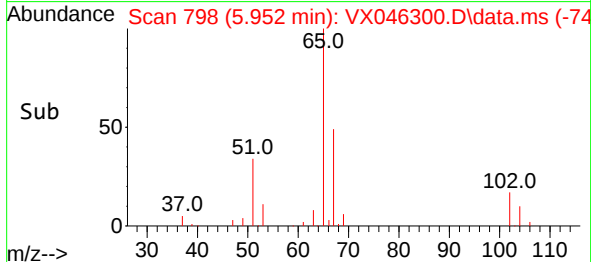
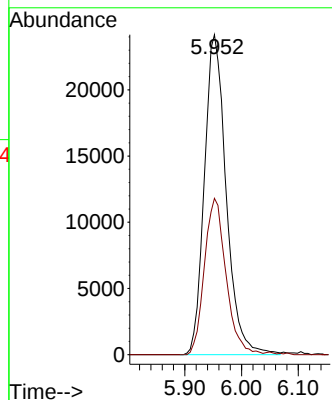
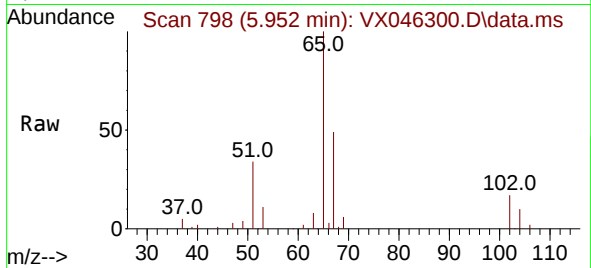




#33
 1,2-Dichloroethane-d4
 Concen: 53.197 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046300.D
 Acq: 21 May 2025 16:15

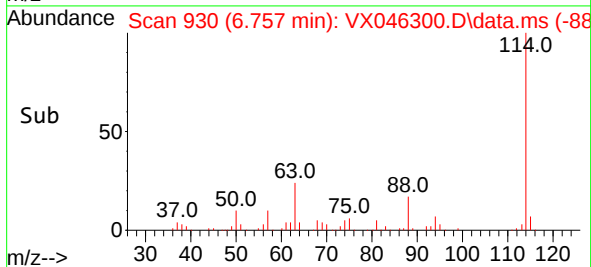
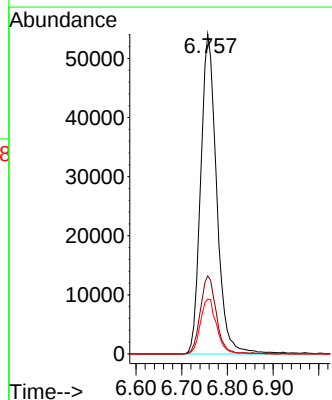
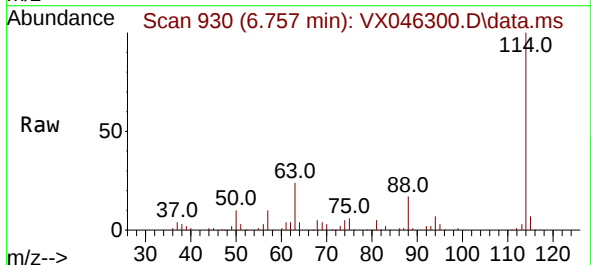
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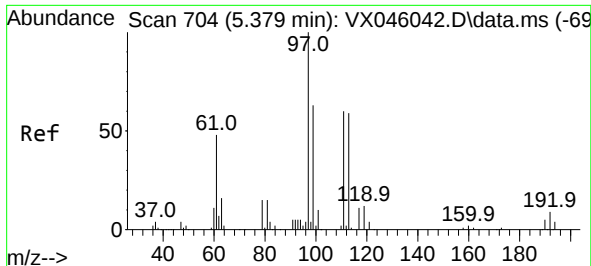
Tgt Ion: 65 Resp: 64595
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046300.D
 Acq: 21 May 2025 16:15

Tgt Ion: 114 Resp: 131317
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.994 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046300.D

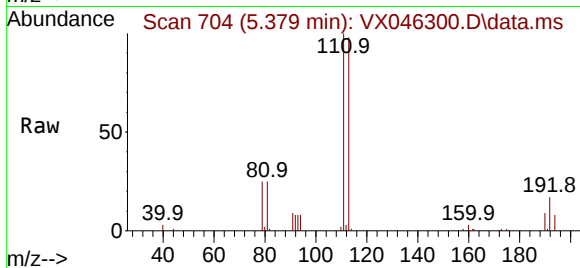
Acq: 21 May 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

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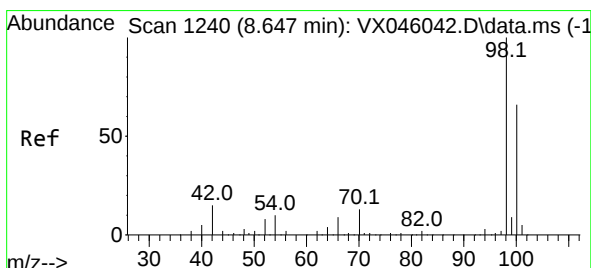
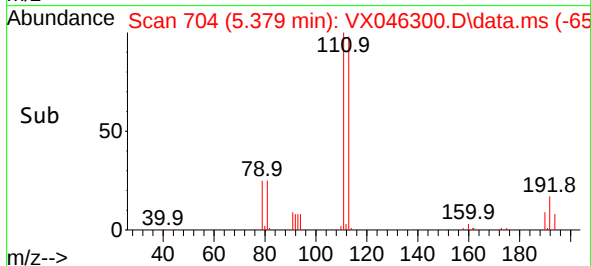
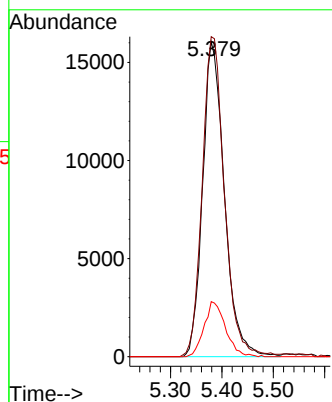
Tgt Ion:113 Resp: 47275

Ion Ratio Lower Upper

113 100

111 103.4 83.1 124.7

192 17.2 13.3 19.9



#50

Toluene-d8

Concen: 49.256 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046300.D

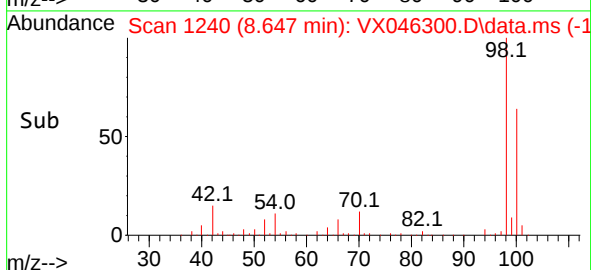
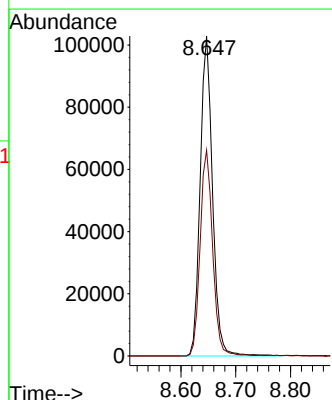
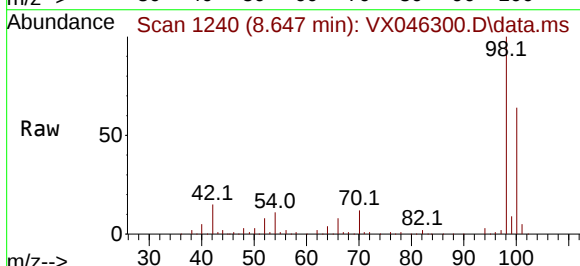
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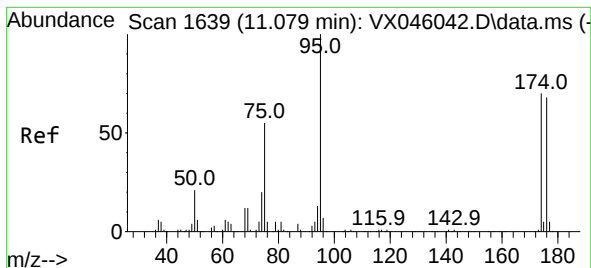
Tgt Ion: 98 Resp: 161210

Ion Ratio Lower Upper

98 100

100 65.1 53.5 80.3

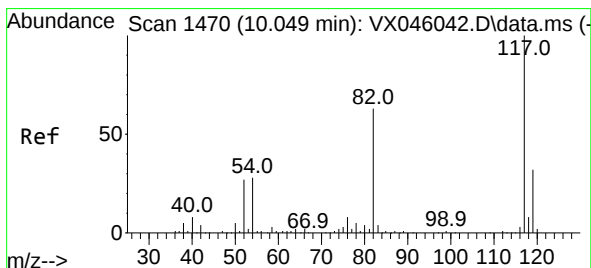
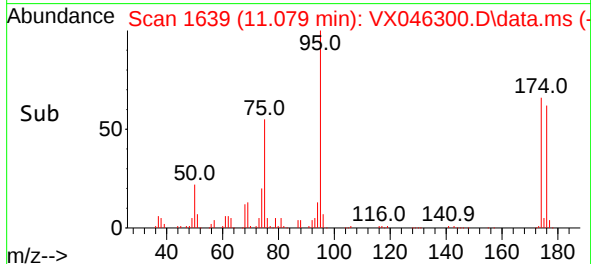
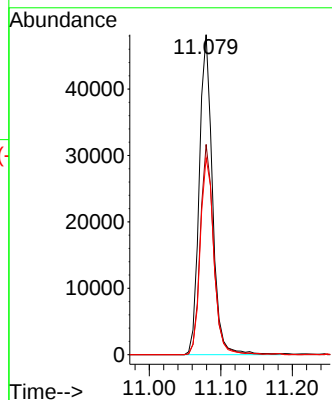
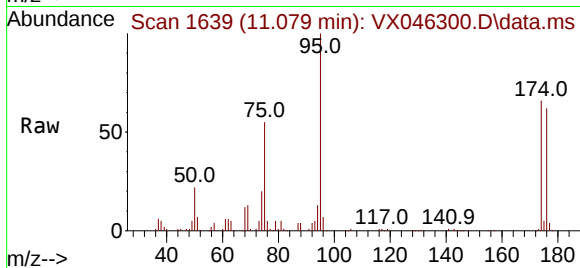




#62
4-Bromofluorobenzene
Concen: 49.028 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

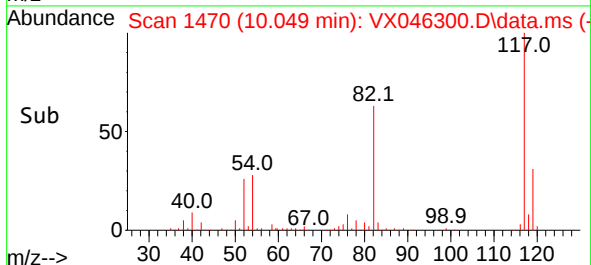
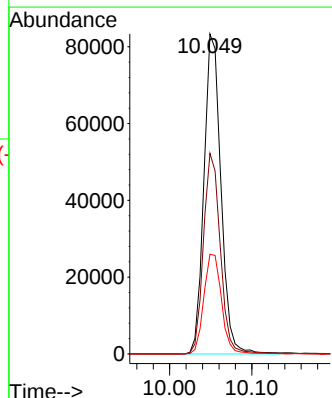
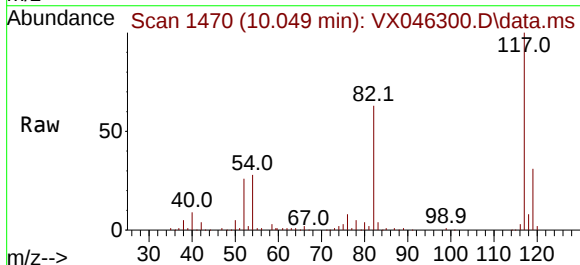
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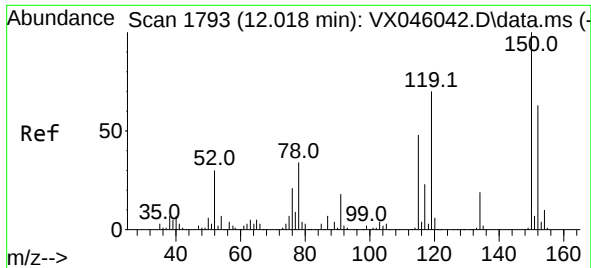
Tgt Ion: 95 Resp: 61552
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 63.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

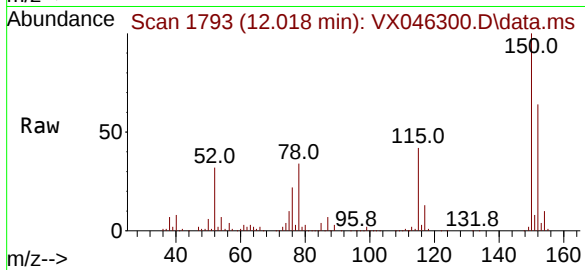
Tgt Ion: 117 Resp: 119664
Ion Ratio Lower Upper
117 100
82 62.7 50.6 76.0
119 31.1 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046300.D
 Acq: 21 May 2025 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-360-362



Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	46.9	140.7
150	154.6	0.0	351.0

