

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047466.D
 Acq On : 21 Aug 2025 13:46
 Operator : JC/MD
 Sample : Q2900-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-081825

Quant Time: Aug 22 03:45:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

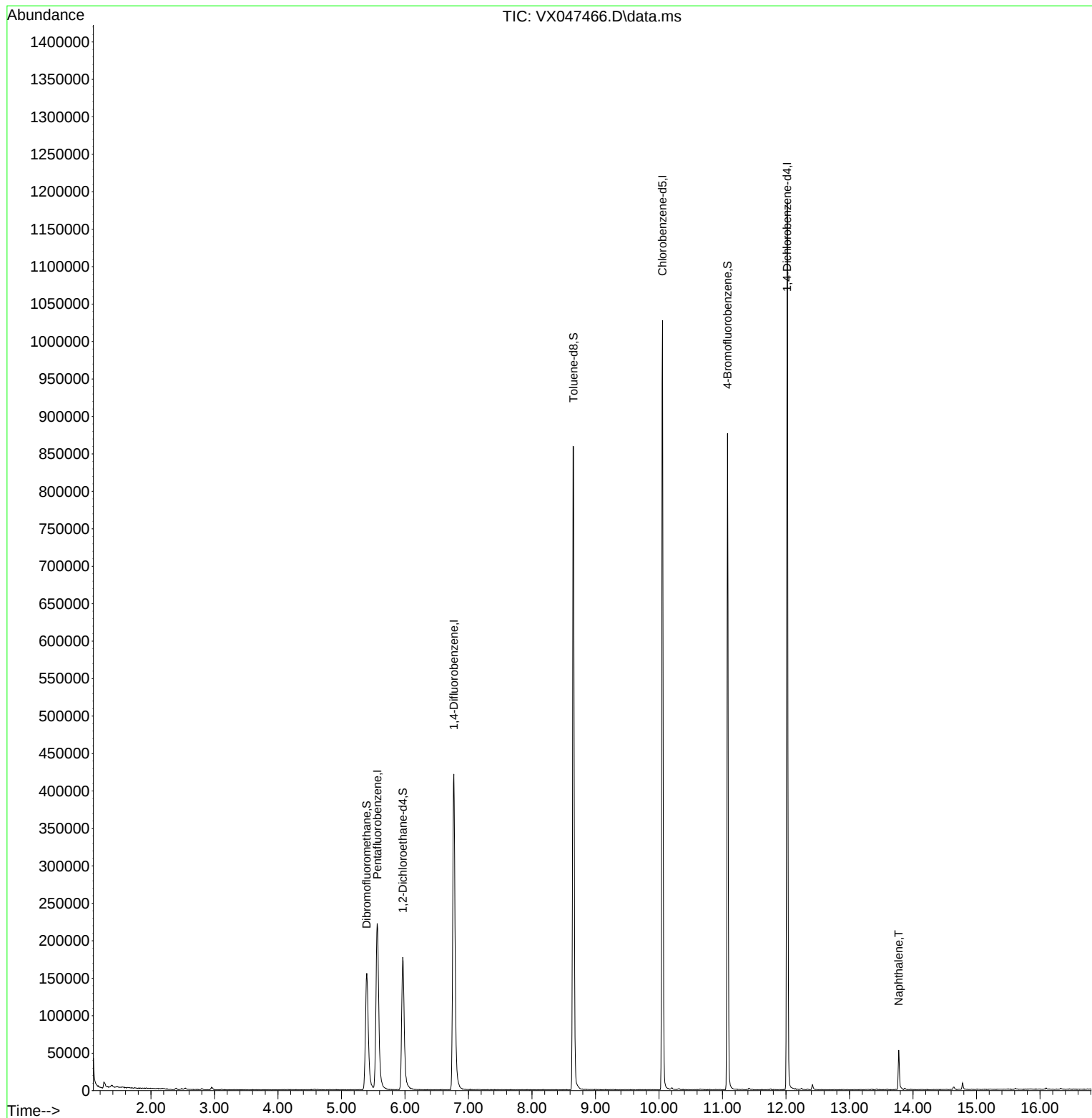
Internal Standards						
1) Pentafluorobenzene	5.562	168	223325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	459689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	239770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	187391	59.955	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 119.920%#	
35) Dibromofluoromethane	5.398	113	150402	50.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.820%	
50) Toluene-d8	8.653	98	535761	50.242	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.480%	
62) 4-Bromofluorobenzene	11.079	95	226877	57.655	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.320%	
Target Compounds						
95) Naphthalene	13.774	128	35743	2.246	ug/l	Qvalue 99

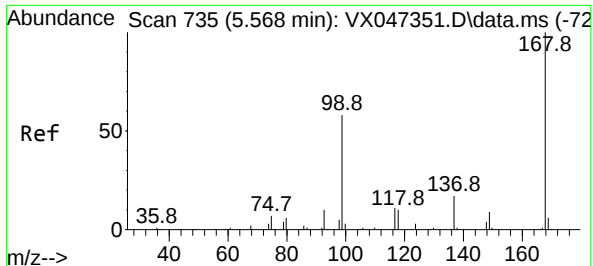
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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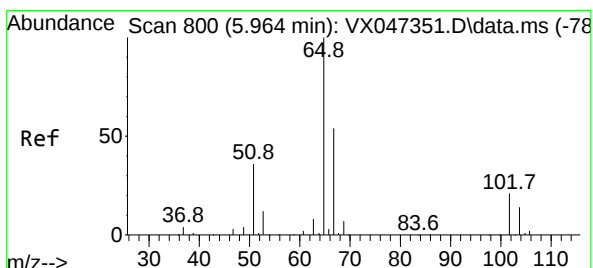
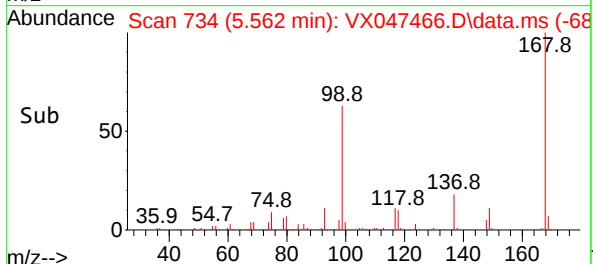
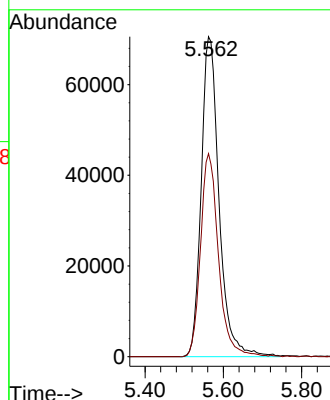
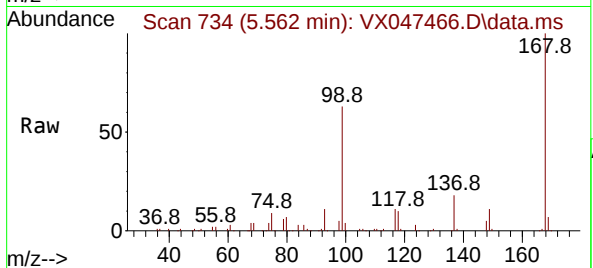




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047466.D
Acq: 21 Aug 2025 13:46

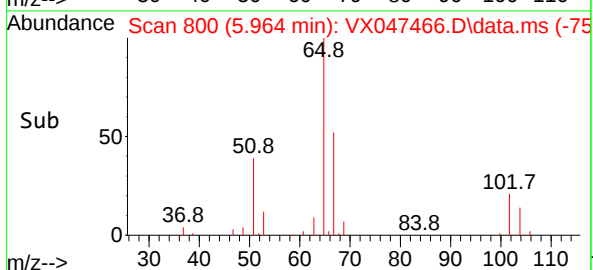
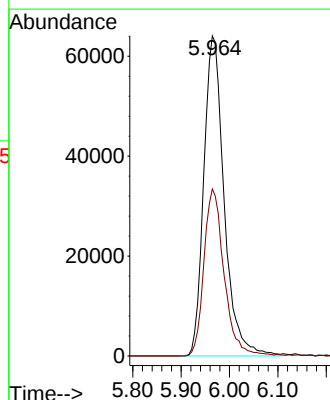
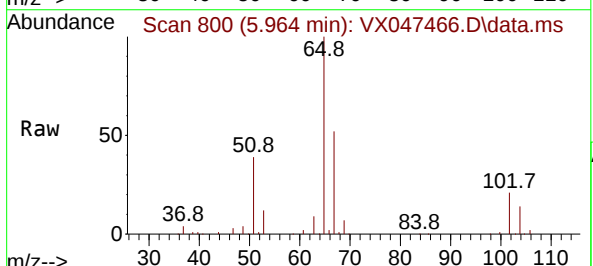
Instrument :
MSVOA_X
ClientSampleId :
TB-081825

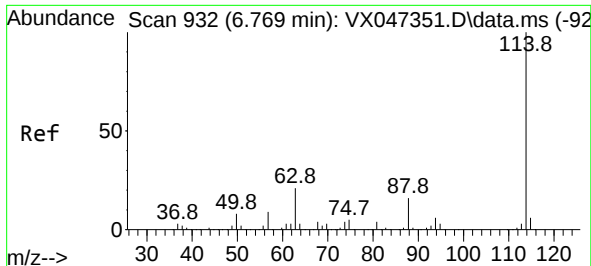
Tgt Ion:168 Resp: 223325
Ion Ratio Lower Upper
168 100
99 63.5 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 59.955 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047466.D
Acq: 21 Aug 2025 13:46

Tgt Ion: 65 Resp: 187391
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.0

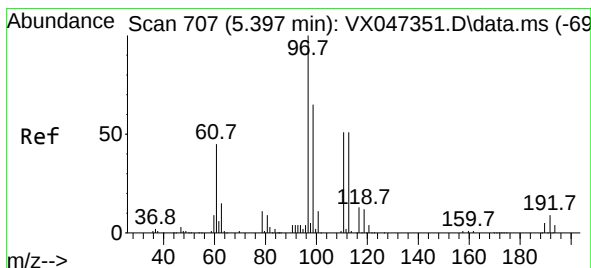
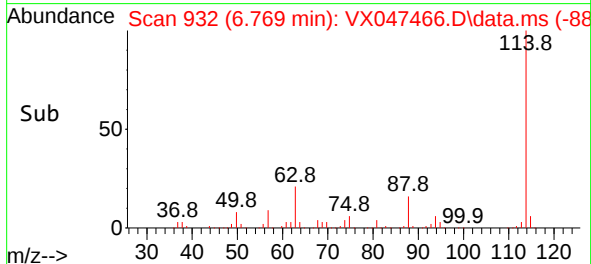
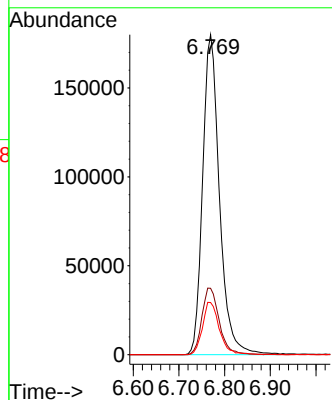
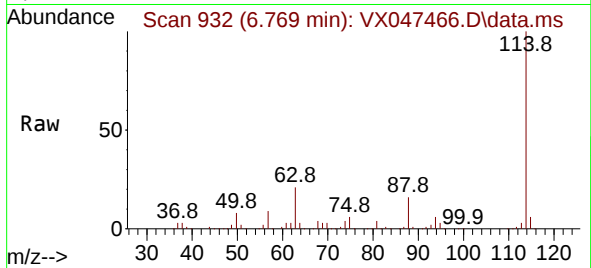




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047466.D
Acq: 21 Aug 2025 13:46

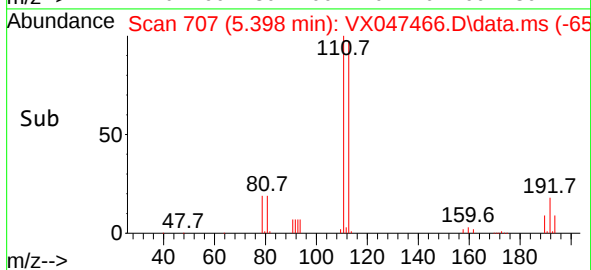
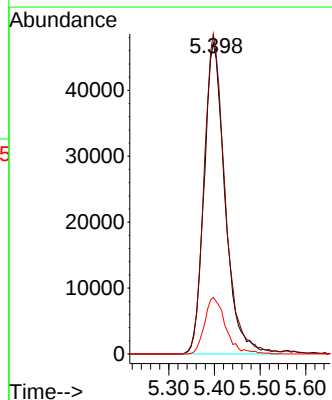
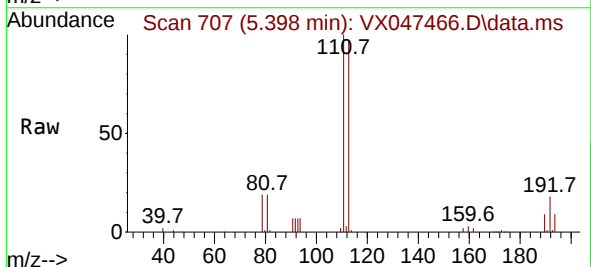
Instrument :
MSVOA_X
ClientSampleId :
TB-081825

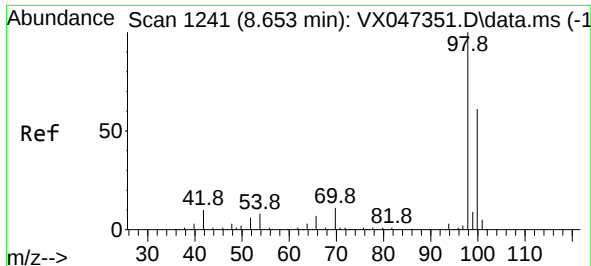
Tgt Ion:114 Resp: 459689
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.413 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047466.D
Acq: 21 Aug 2025 13:46

Tgt Ion:113 Resp: 150402
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 18.2 14.1 21.1

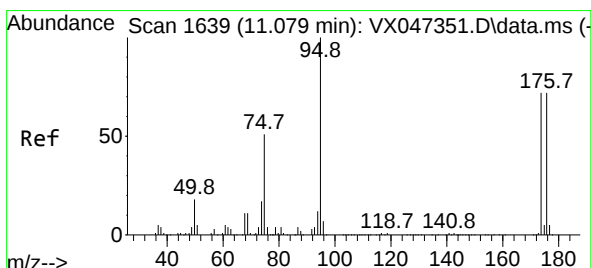
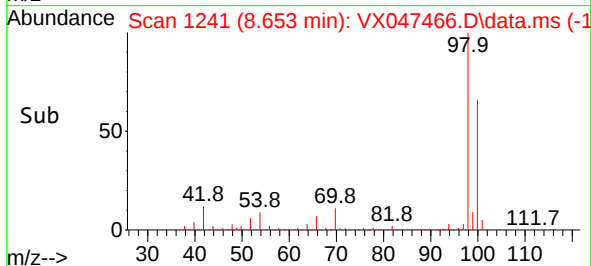
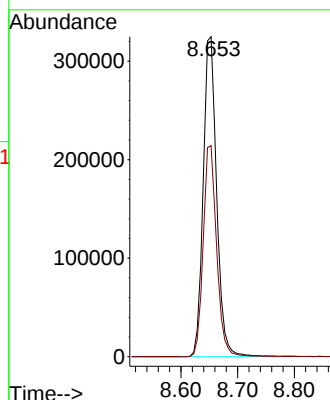
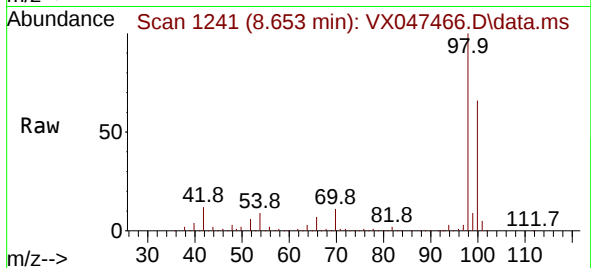




#50
Toluene-d8
Concen: 50.242 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047466.D
Acq: 21 Aug 2025 13:46

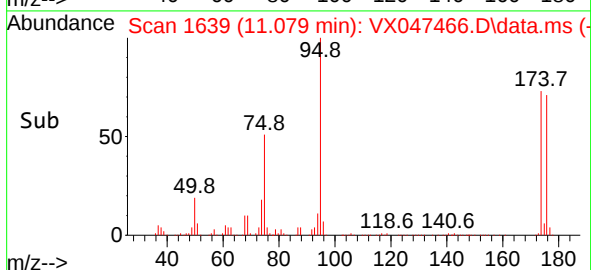
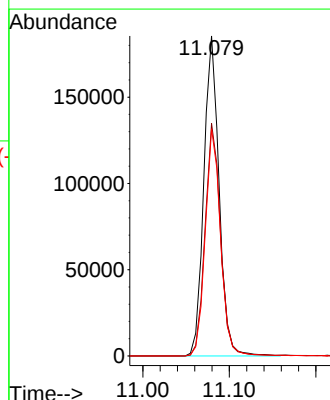
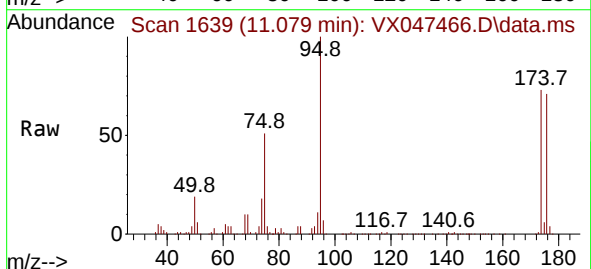
Instrument :
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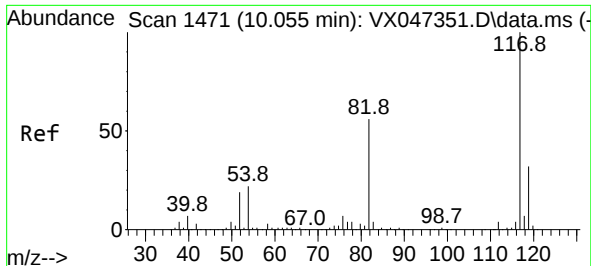
Tgt Ion: 98 Resp: 535761
Ion Ratio Lower Upper
98 100
100 66.0 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 57.655 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047466.D
Acq: 21 Aug 2025 13:46

Tgt Ion: 95 Resp: 226877
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 71.3 0.0 145.4

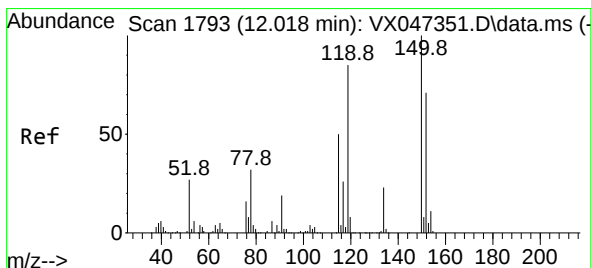
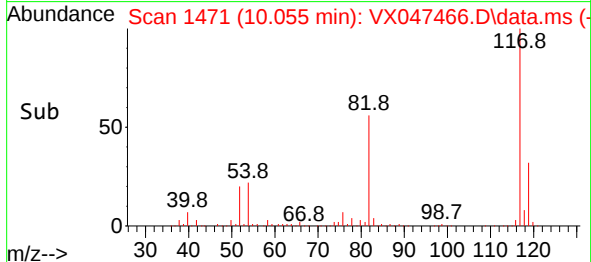
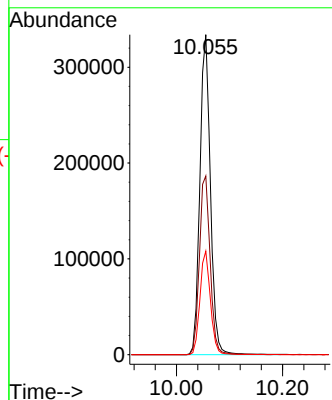
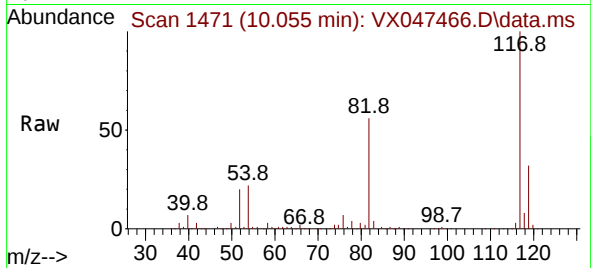




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047466.D
Acq: 21 Aug 2025 13:46

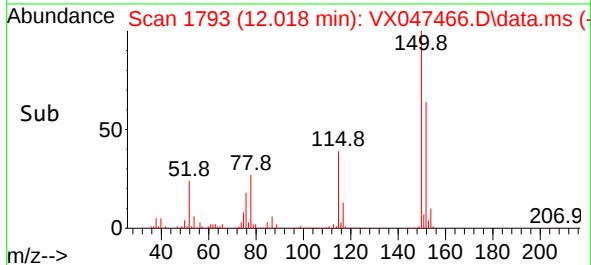
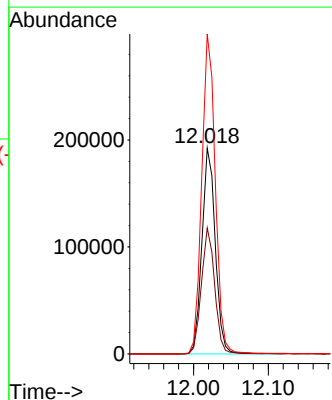
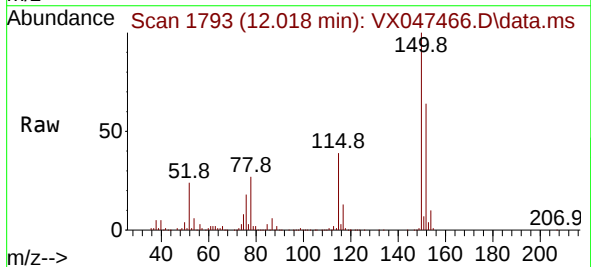
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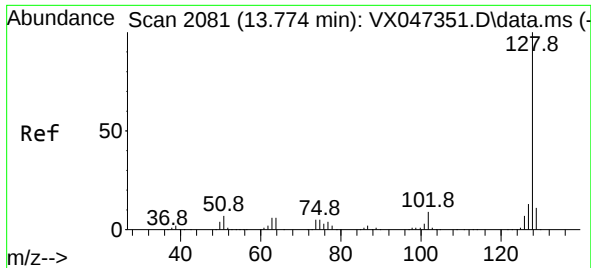
Tgt Ion:117 Resp: 461078
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047466.D
Acq: 21 Aug 2025 13:46

Tgt Ion:152 Resp: 239770
Ion Ratio Lower Upper
152 100
115 61.0 44.6 133.8
150 157.0 0.0 349.8





#95

Naphthalene

Concen: 2.246 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX047466.D

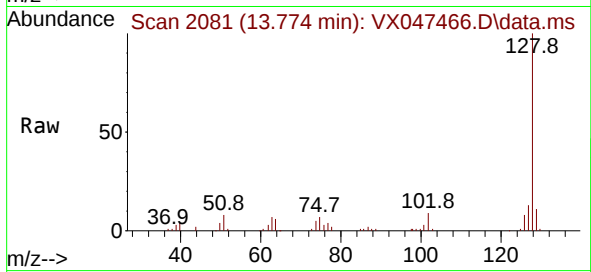
Acq: 21 Aug 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:128 Resp: 35743

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 10.2 8.7 13.1

