

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047919.D
 Acq On : 30 Sep 2025 18:06
 Operator : JC/MD
 Sample : Q3193-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP11-20250923

Quant Time: Oct 01 01:15:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

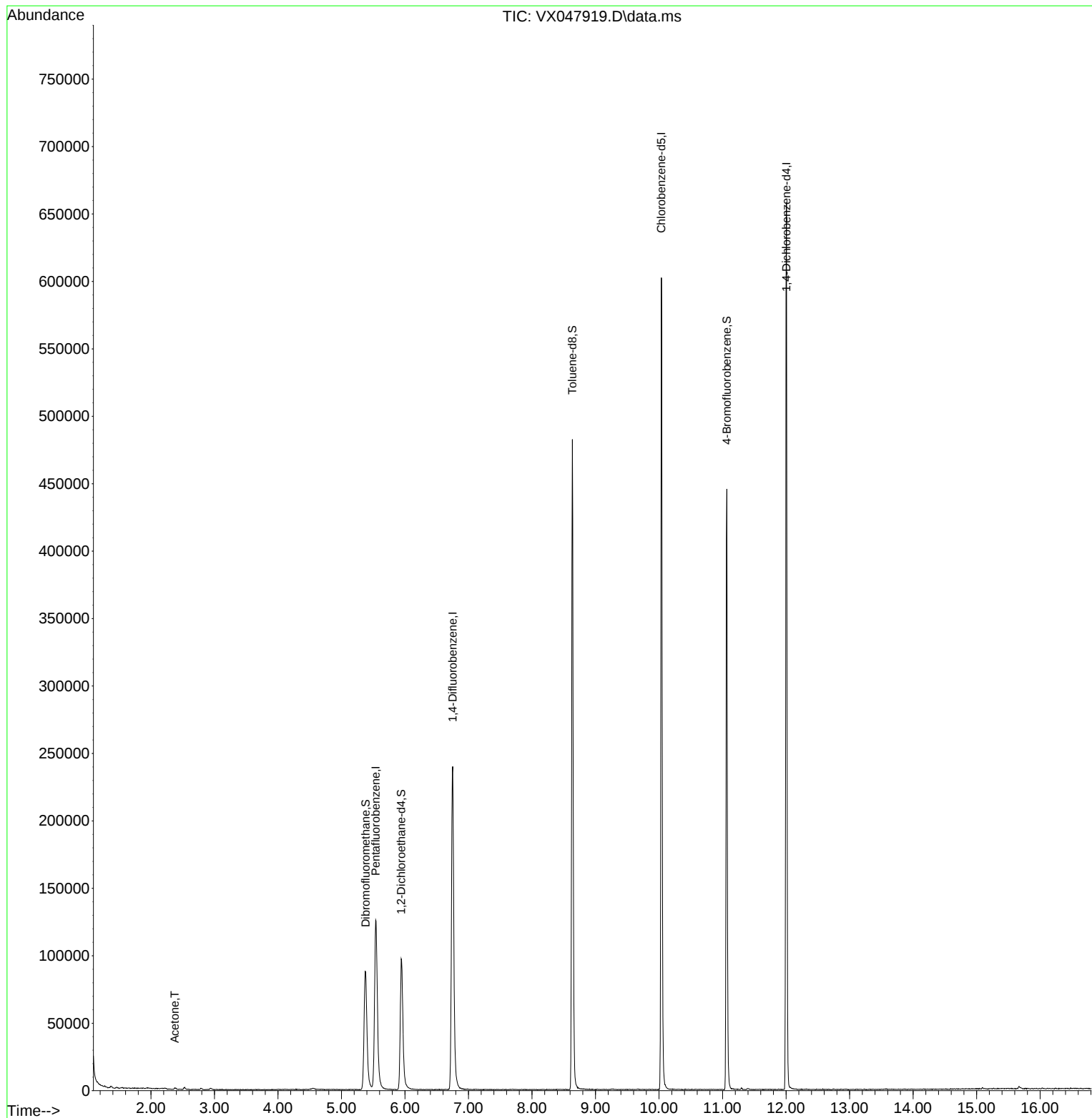
Internal Standards						
1) Pentafluorobenzene	5.537	168	126991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	265107	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	272232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105347	52.116	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.240%
35) Dibromofluoromethane	5.379	113	87043	48.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	8.634	98	295151	47.976	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.067	95	124569	53.353	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.700%
Target Compounds						
16) Acetone	2.373	43	1500	1.707	ug/l	Qvalue # 80

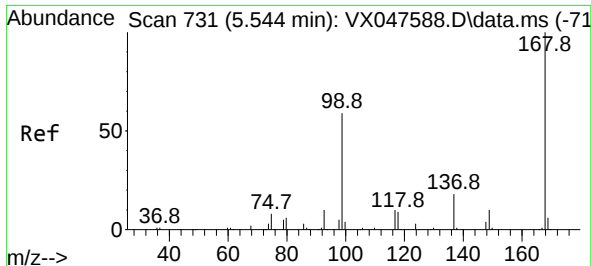
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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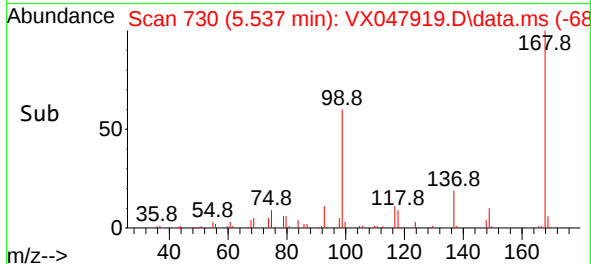
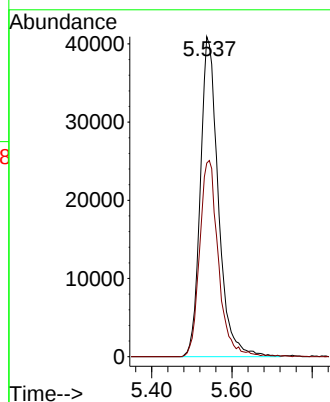
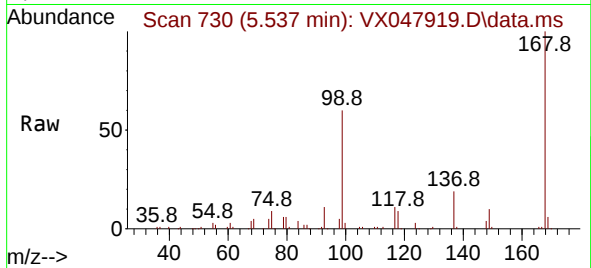




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047919.D
Acq: 30 Sep 2025 18:06

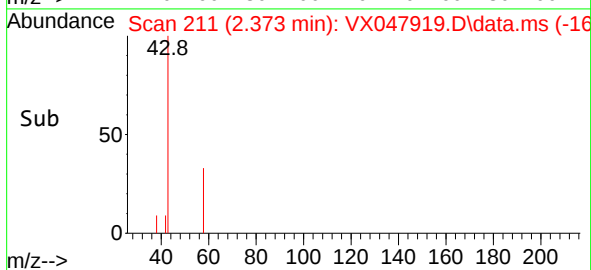
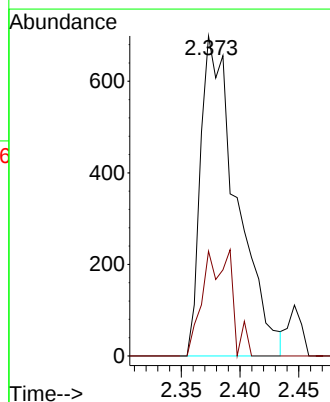
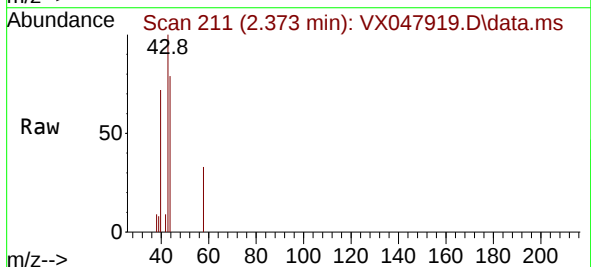
Instrument :
MSVOA_X
ClientSampleId :
DUP11-20250923

Tgt Ion:168 Resp: 126991
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2



#16
Acetone
Concen: 1.707 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047919.D
Acq: 30 Sep 2025 18:06

Tgt Ion: 43 Resp: 1500
Ion Ratio Lower Upper
43 100
58 18.3 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 52.116 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047919.D

Acq: 30 Sep 2025 18:06

Instrument :

MSVOA_X

ClientSampleId :

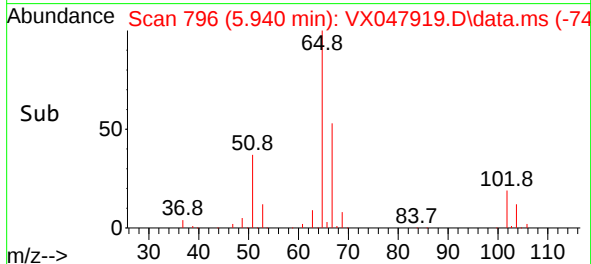
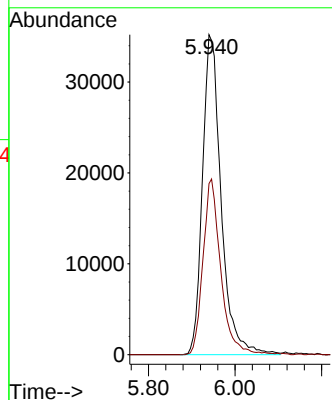
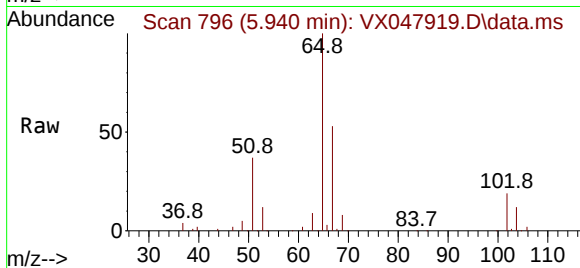
DUP11-20250923

Tgt Ion: 65 Resp: 105347

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047919.D

Acq: 30 Sep 2025 18:06

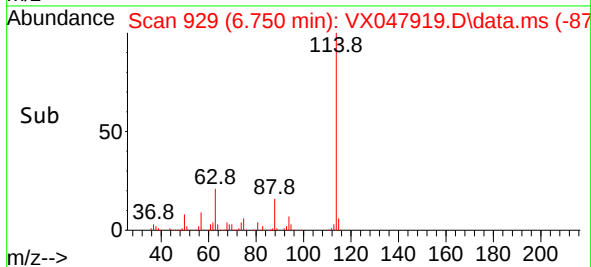
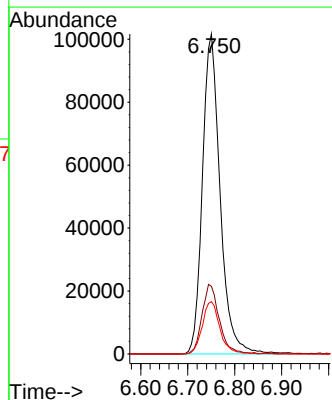
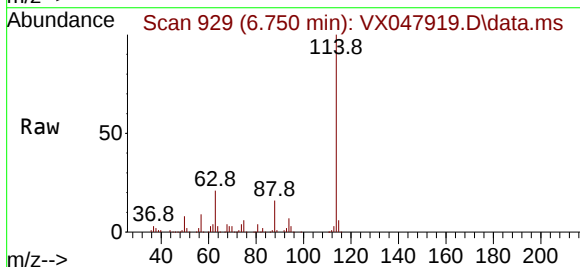
Tgt Ion: 114 Resp: 265107

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.957 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047919.D

Acq: 30 Sep 2025 18:06

Instrument :

MSVOA_X

ClientSampleId :

DUP11-20250923

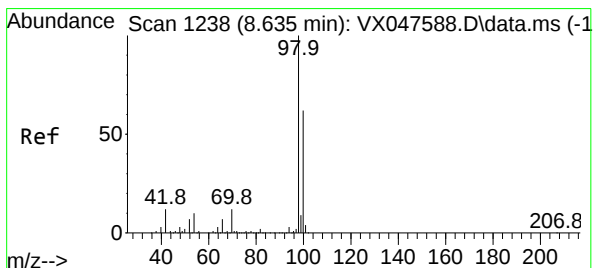
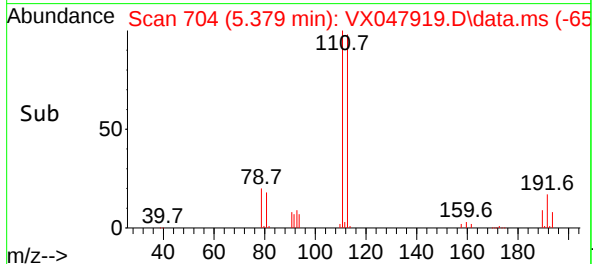
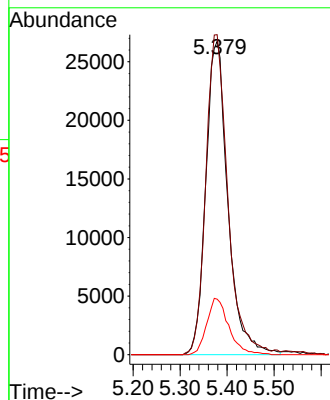
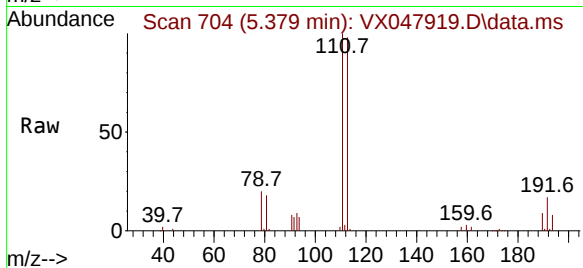
Tgt Ion:113 Resp: 87043

Ion Ratio Lower Upper

113 100

111 101.9 80.9 121.3

192 18.0 14.2 21.4



#50

Toluene-d8

Concen: 47.976 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047919.D

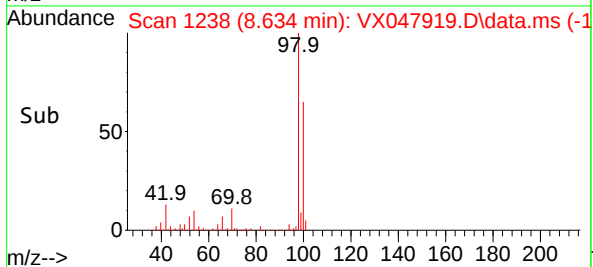
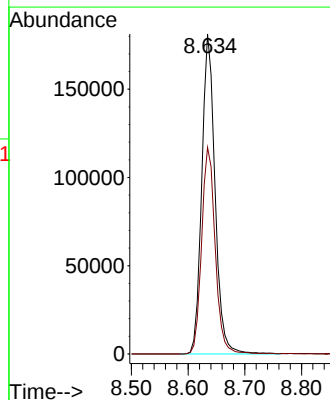
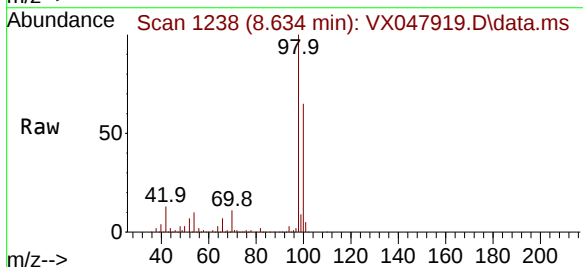
Acq: 30 Sep 2025 18:06

Tgt Ion: 98 Resp: 295151

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4

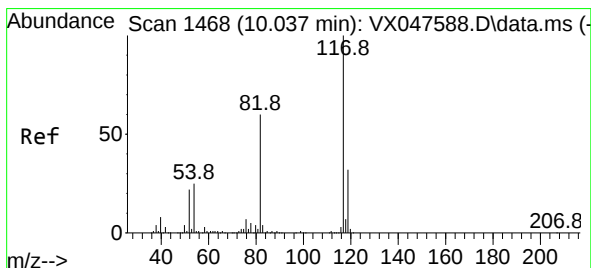
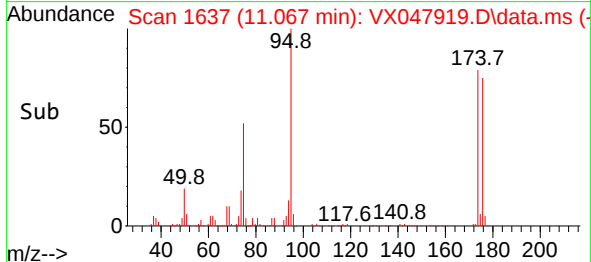
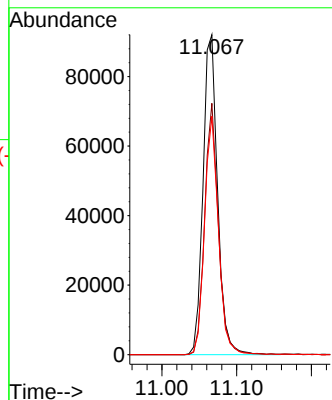
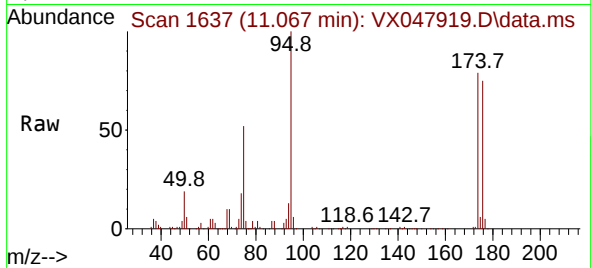




#62
4-Bromofluorobenzene
Concen: 53.353 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047919.D
Acq: 30 Sep 2025 18:06

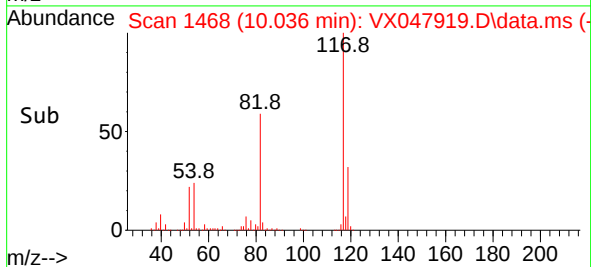
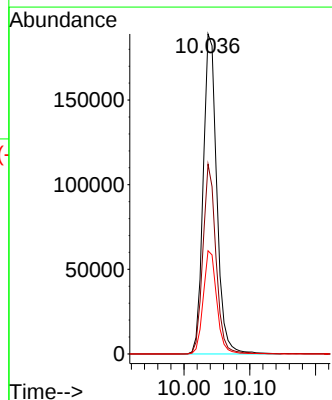
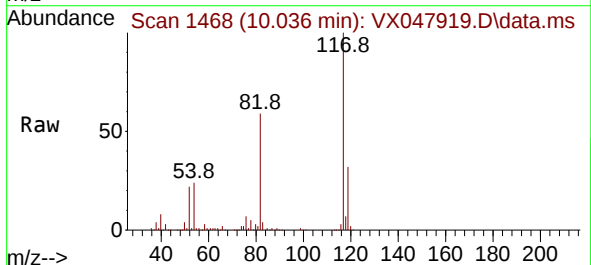
Instrument :
MSVOA_X
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DUP11-20250923

Tgt Ion: 95 Resp: 124569
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.6
176 71.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047919.D
Acq: 30 Sep 2025 18:06

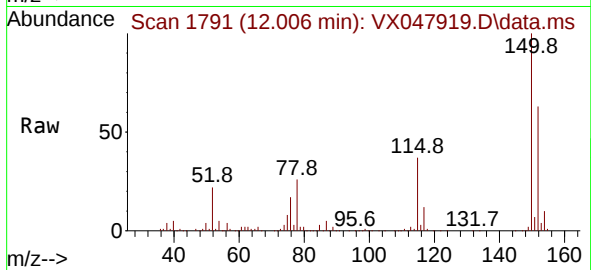
Tgt Ion: 117 Resp: 272232
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.6
119 32.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047919.D
 Acq: 30 Sep 2025 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP11-20250923



Tgt Ion:152 Resp: 135633
 Ion Ratio Lower Upper
 152 100
 115 62.7 44.9 134.5
 150 158.9 0.0 352.0

