

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048165.D
 Acq On : 14 Oct 2025 14:52
 Operator : JC/MD
 Sample : Q3276-01 100X
 Misc : 6.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB2

Quant Time: Oct 15 02:46:14 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	5.544	168	97028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	199934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	204081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	98525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88041	57.005	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.020%
35) Dibromofluoromethane	5.379	113	73464	54.788	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.580%
50) Toluene-d8	8.635	98	244508	52.699	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.400%
62) 4-Bromofluorobenzene	11.067	95	102815	58.390	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.780%

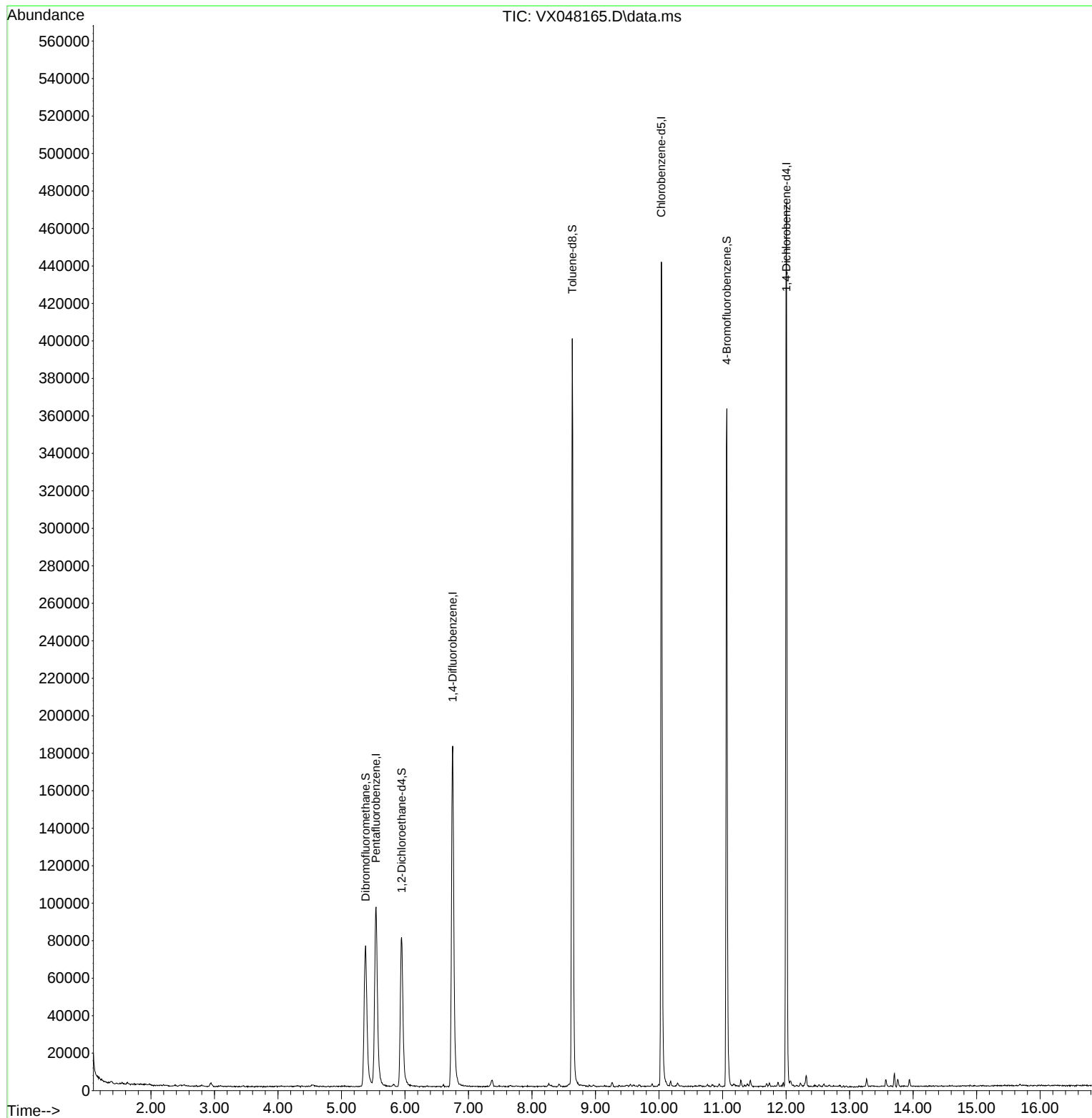
Target Compounds	Qvalue

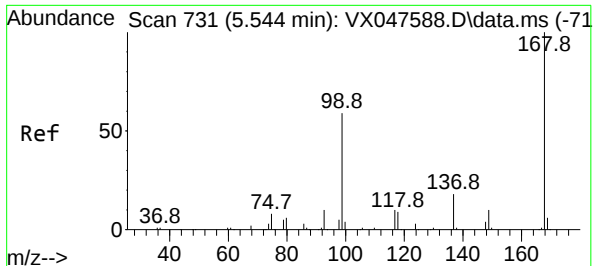
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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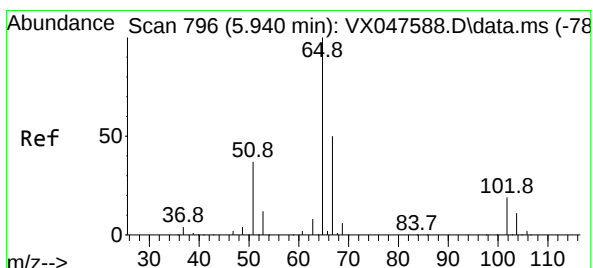
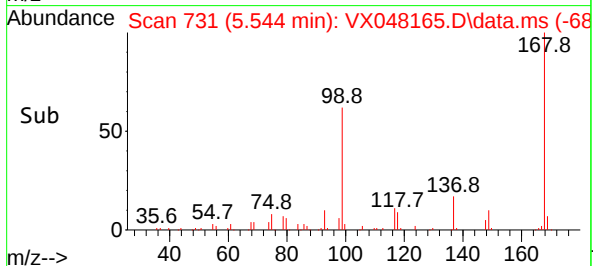
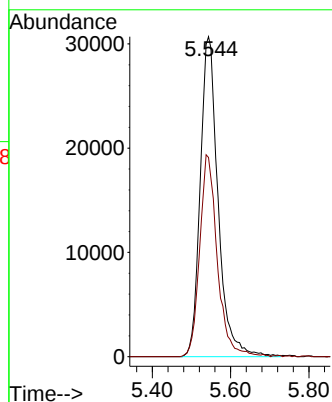
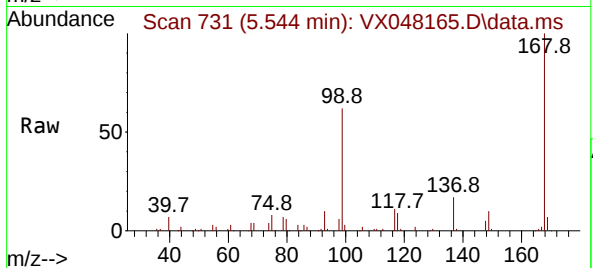




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048165.D
Acq: 14 Oct 2025 14:52

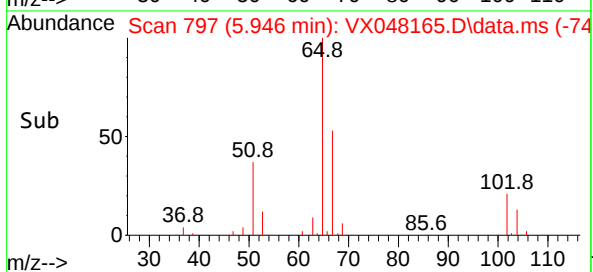
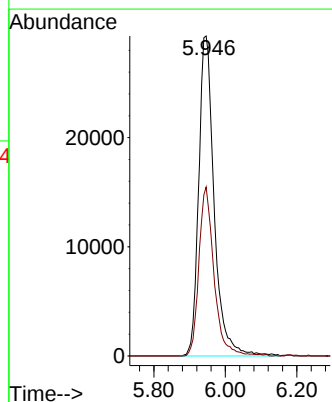
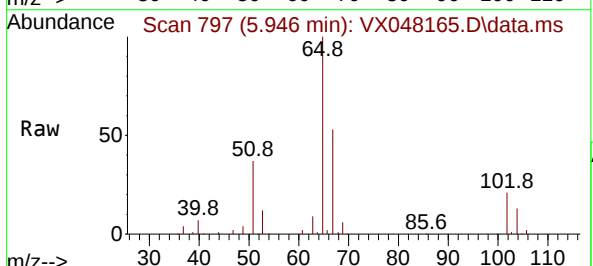
Instrument :
MSVOA_X
ClientSampleId :
SB2

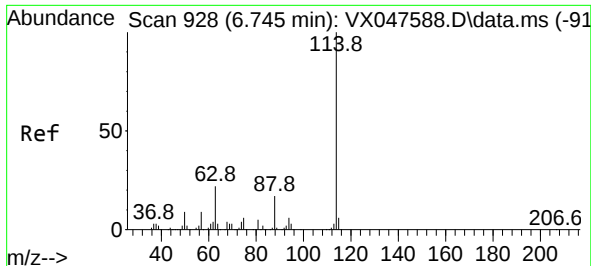
Tgt Ion:168 Resp: 97028
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 57.005 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048165.D
Acq: 14 Oct 2025 14:52

Tgt Ion: 65 Resp: 88041
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

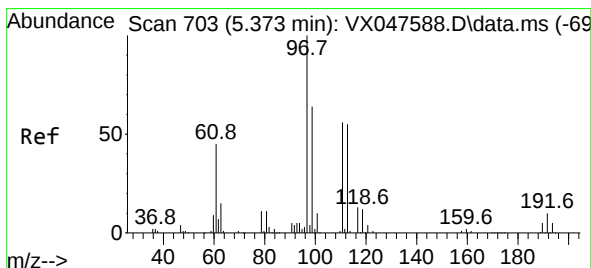
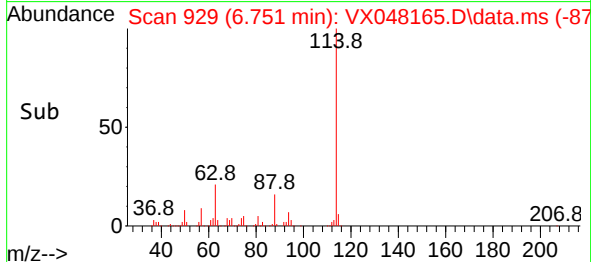
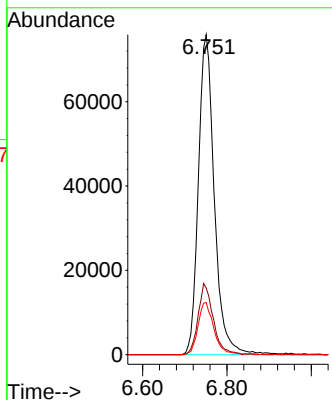
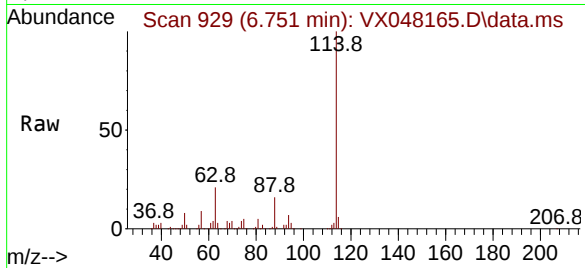




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048165.D
Acq: 14 Oct 2025 14:52

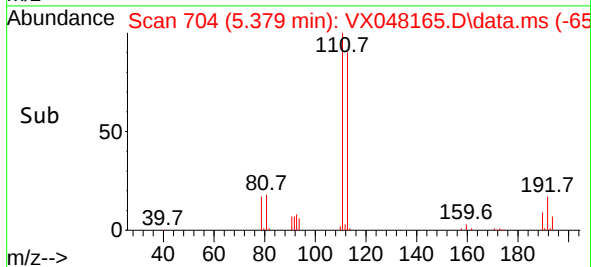
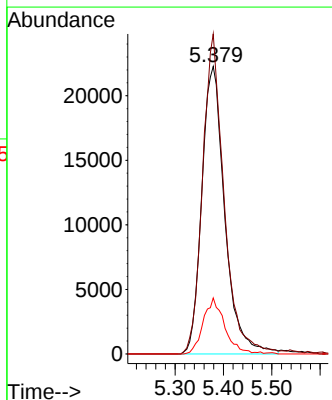
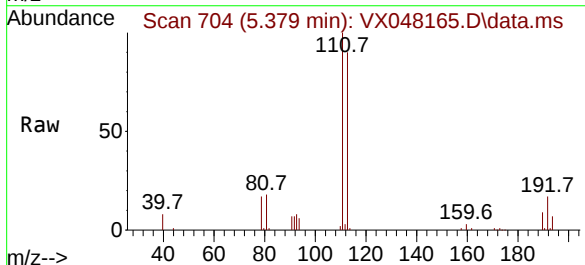
Instrument :
MSVOA_X
ClientSampleId :
SB2

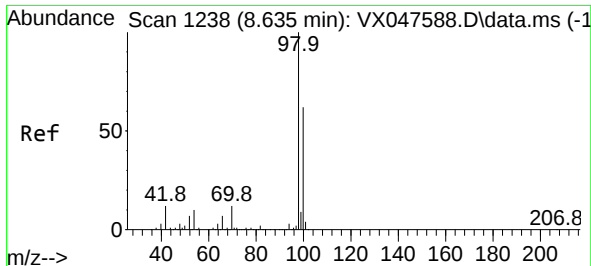
Tgt Ion:114 Resp: 199934
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 54.788 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048165.D
Acq: 14 Oct 2025 14:52

Tgt Ion:113 Resp: 73464
Ion Ratio Lower Upper
113 100
111 104.3 80.9 121.3
192 18.1 14.2 21.4

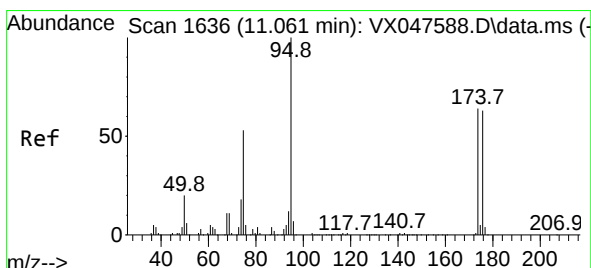
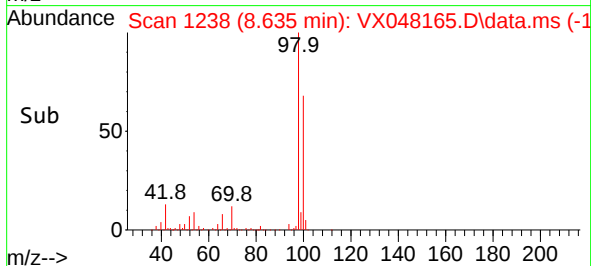
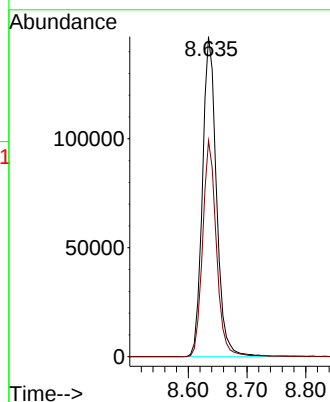
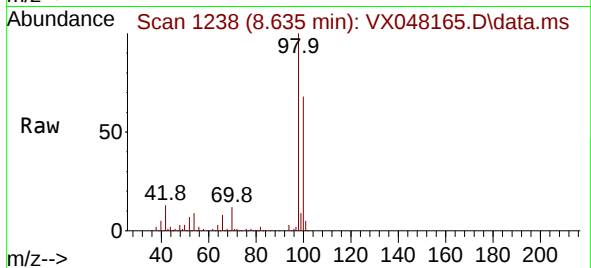




#50
Toluene-d8
Concen: 52.699 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048165.D
Acq: 14 Oct 2025 14:52

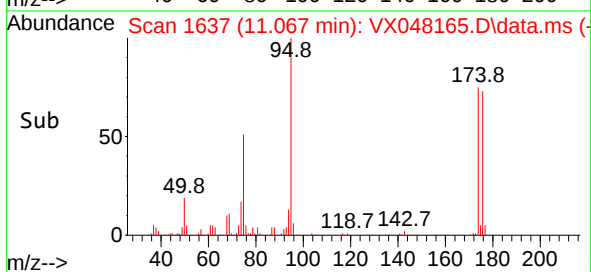
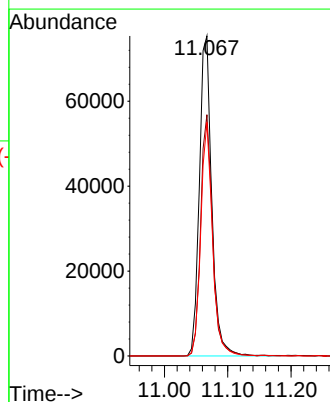
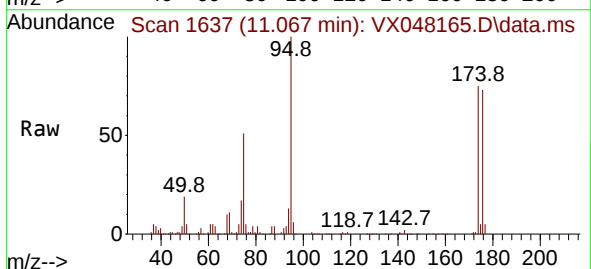
Instrument :
MSVOA_X
ClientSampleId :
SB2

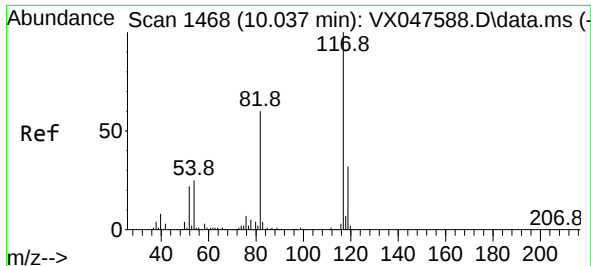
Tgt Ion: 98 Resp: 244508
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.390 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048165.D
Acq: 14 Oct 2025 14:52

Tgt Ion: 95 Resp: 102815
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 69.4 0.0 138.4

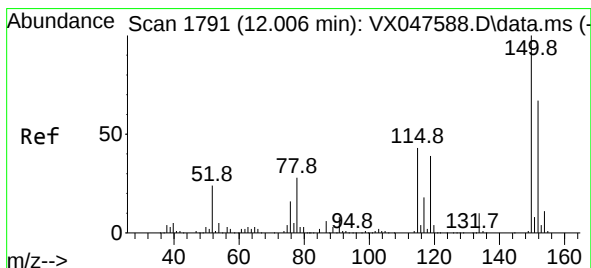
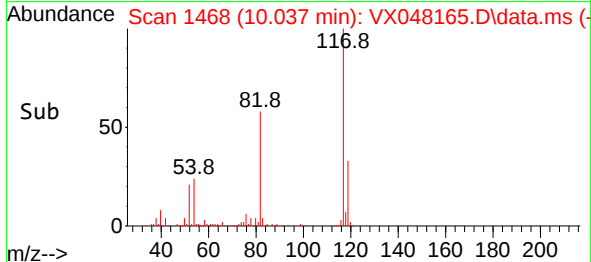
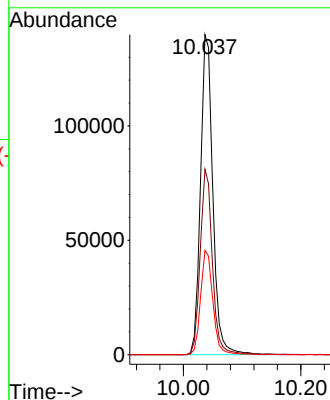
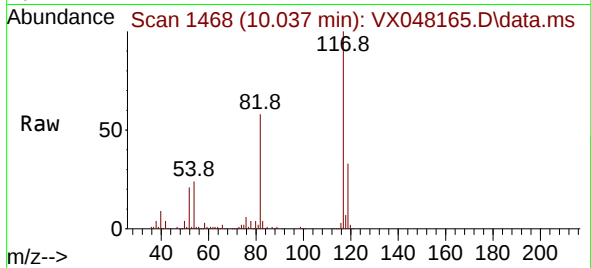




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048165.D
Acq: 14 Oct 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
SB2

Tgt Ion:117 Resp: 204081
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.6
119 32.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048165.D
Acq: 14 Oct 2025 14:52

Tgt Ion:152 Resp: 98525
Ion Ratio Lower Upper
152 100
115 62.8 44.9 134.5
150 157.8 0.0 352.0

