

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047441.D
 Acq On : 20 Aug 2025 14:42
 Operator : JC/MD
 Sample : Q2878-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-081425

Quant Time: Aug 21 01:32:21 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	5.568	168	298809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	610463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	600442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	294767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	241793	57.819	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.640%
35) Dibromofluoromethane	5.403	113	199788	50.427	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.860%
50) Toluene-d8	8.653	98	715700	50.540	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.080%
62) 4-Bromofluorobenzene	11.079	95	287809	55.075	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.160%

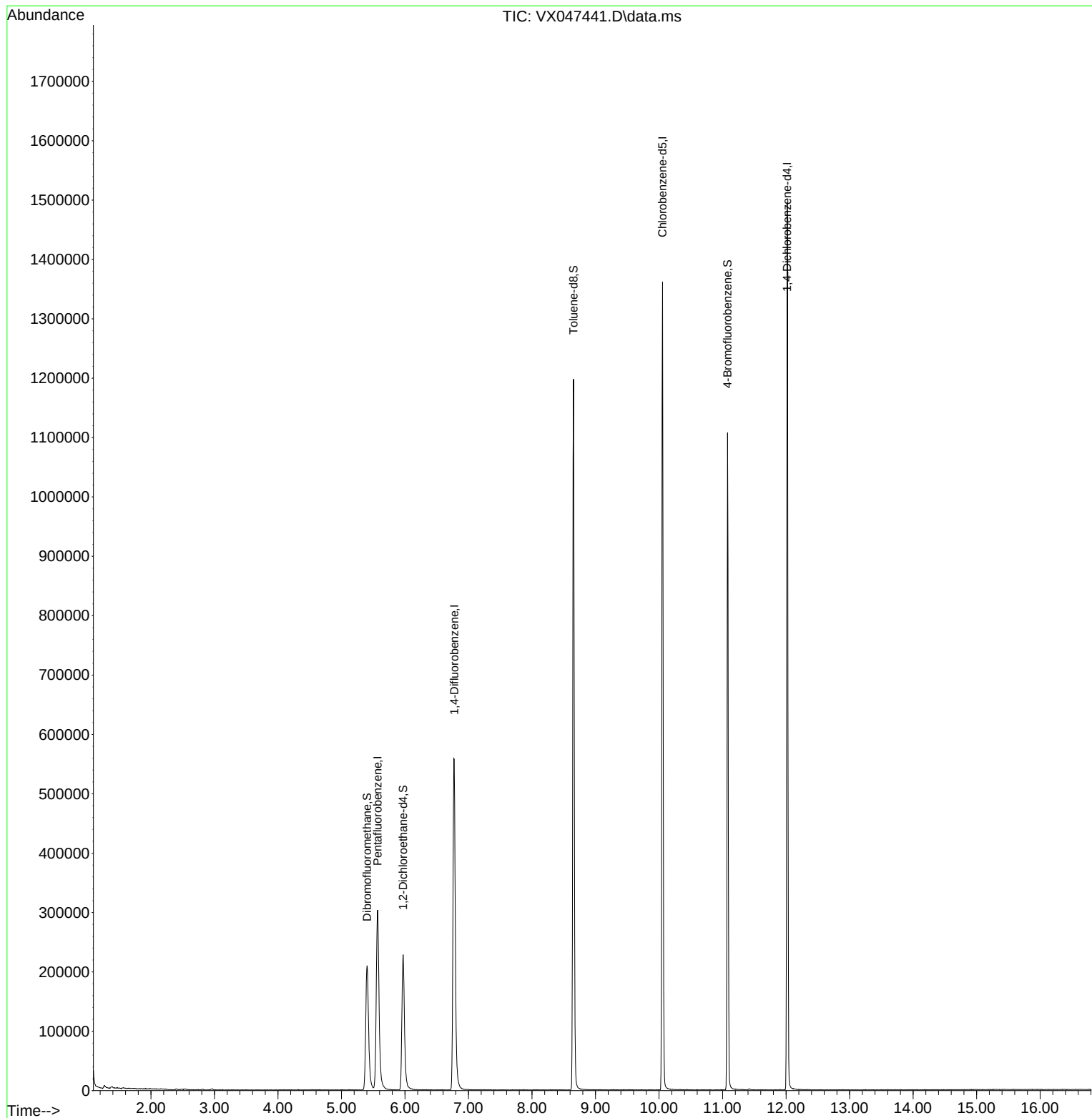
Target Compounds	Qvalue

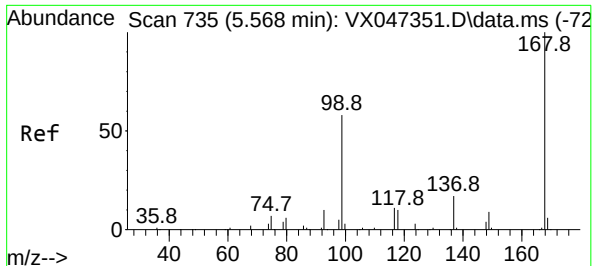
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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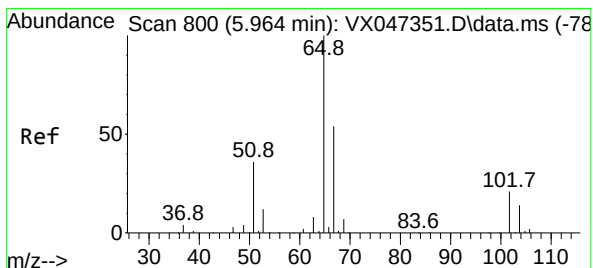
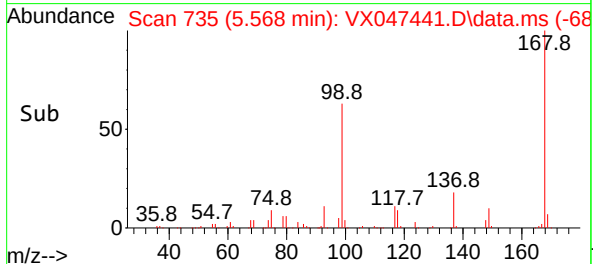
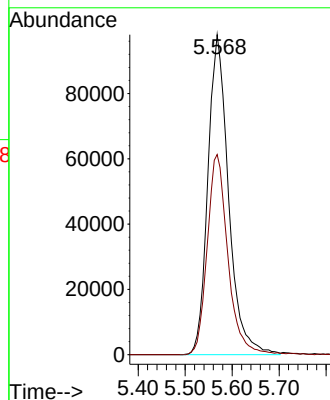
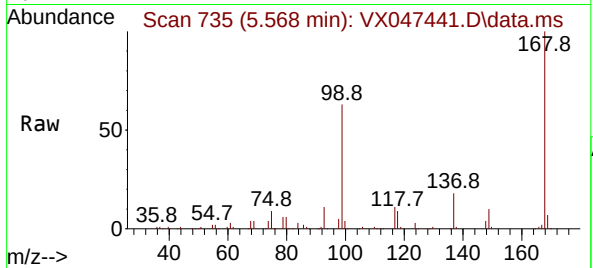




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047441.D
Acq: 20 Aug 2025 14:42

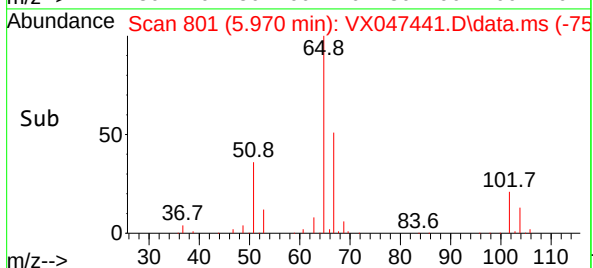
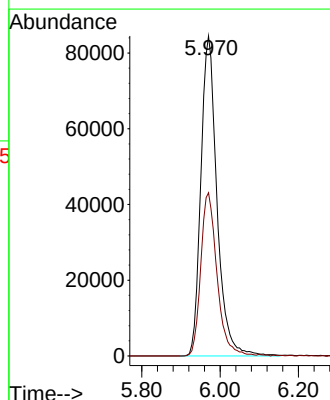
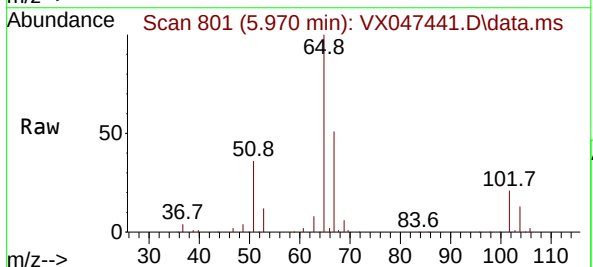
Instrument :
MSVOA_X
ClientSampleId :
TB01-081425

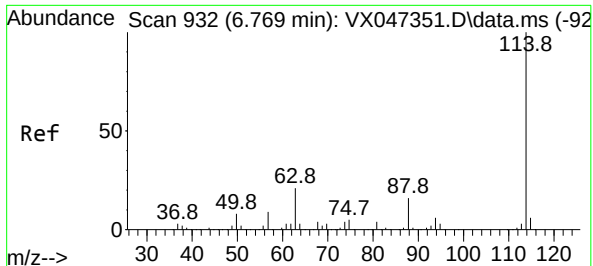
Tgt Ion:168 Resp: 298809
Ion Ratio Lower Upper
168 100
99 62.5 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 57.819 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047441.D
Acq: 20 Aug 2025 14:42

Tgt Ion: 65 Resp: 241793
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0

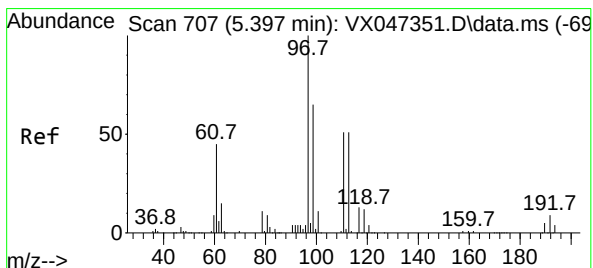
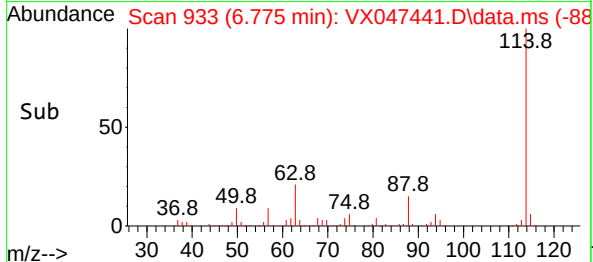
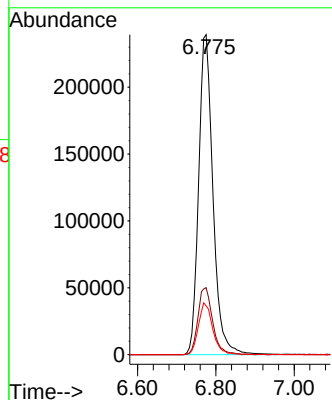
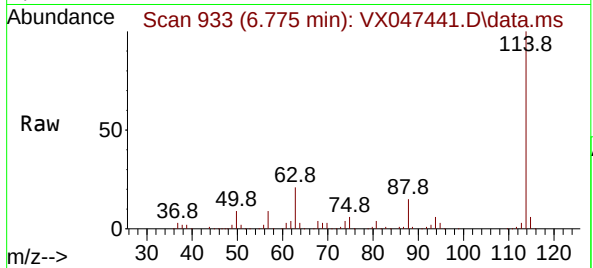




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX047441.D
Acq: 20 Aug 2025 14:42

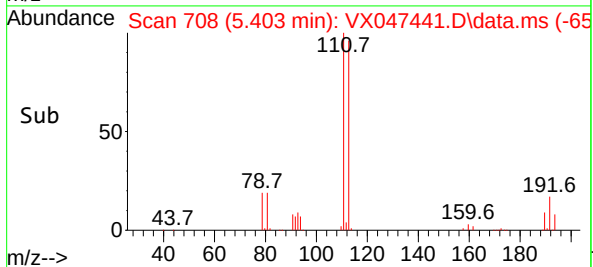
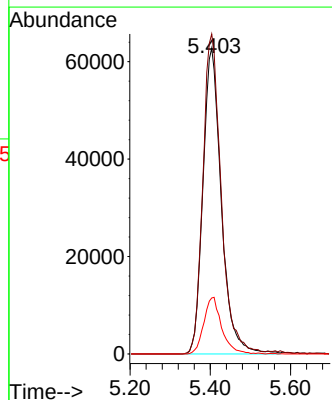
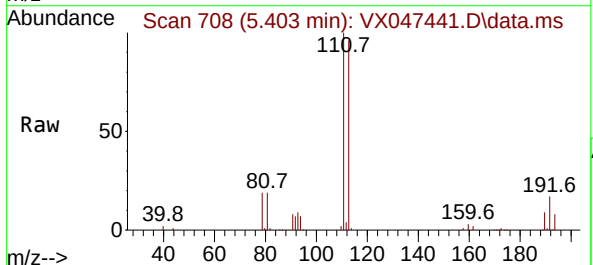
Instrument :
MSVOA_X
ClientSampleId :
TB01-081425

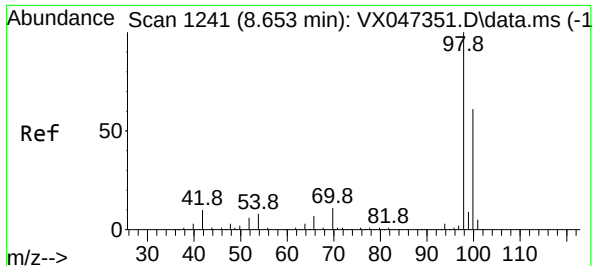
Tgt Ion:114 Resp: 610463
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 15.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.427 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047441.D
Acq: 20 Aug 2025 14:42

Tgt Ion:113 Resp: 199788
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.2
192 18.0 14.1 21.1

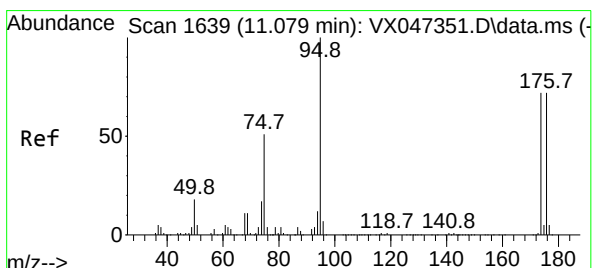
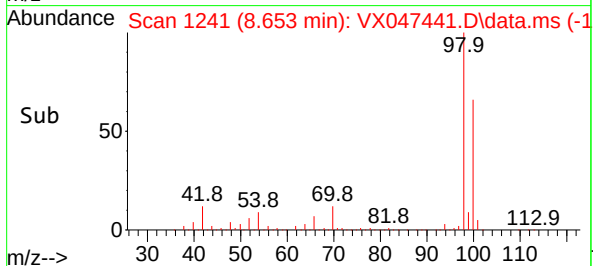
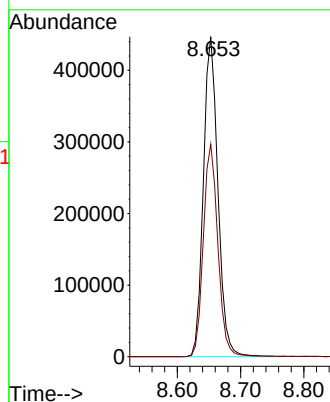
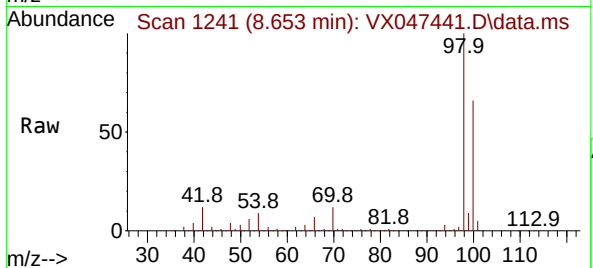




#50
Toluene-d8
Concen: 50.540 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047441.D
Acq: 20 Aug 2025 14:42

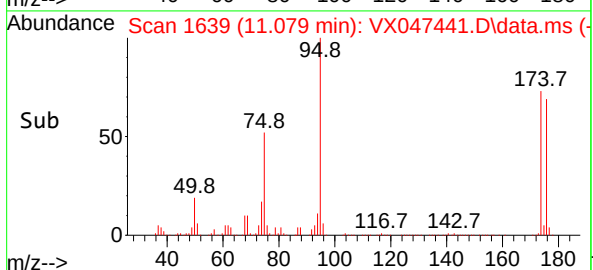
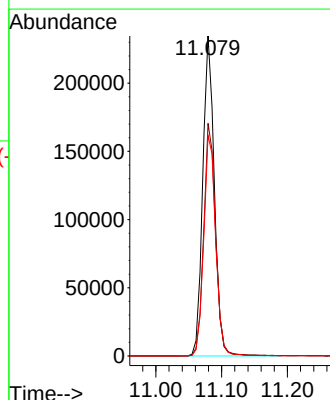
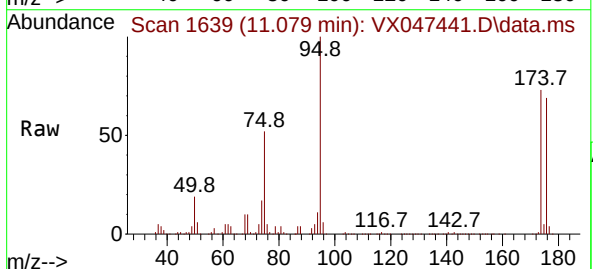
Instrument :
MSVOA_X
ClientSampleId :
TB01-081425

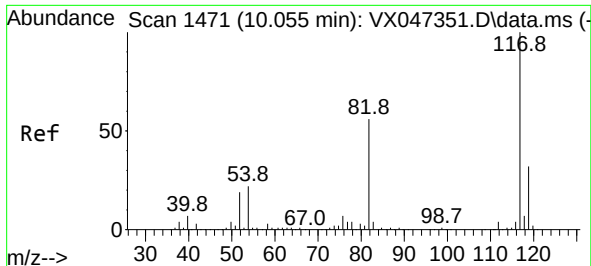
Tgt Ion: 98 Resp: 715700
Ion Ratio Lower Upper
98 100
100 66.3 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 55.075 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047441.D
Acq: 20 Aug 2025 14:42

Tgt Ion: 95 Resp: 287809
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 71.2 0.0 145.4

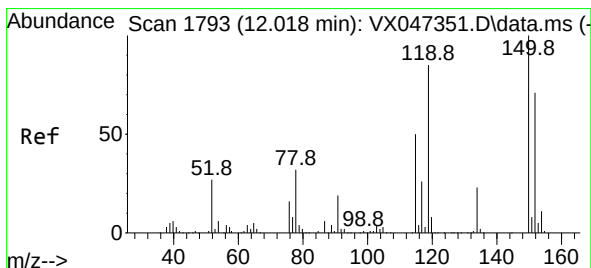
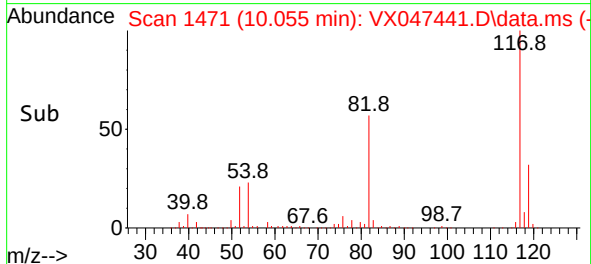
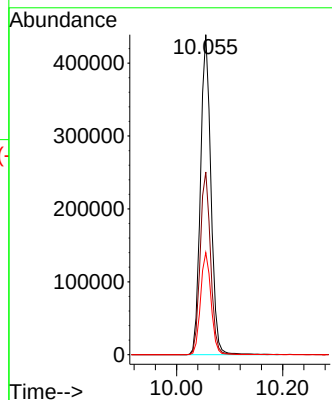
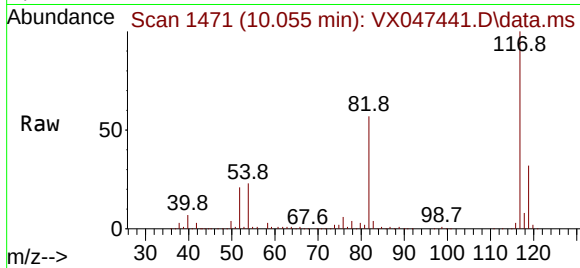




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047441.D
Acq: 20 Aug 2025 14:42

Instrument :
MSVOA_X
ClientSampleId :
TB01-081425

Tgt Ion:117 Resp: 600442
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 31.9 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: VX047441.D
Acq: 20 Aug 2025 14:42

Tgt Ion:152 Resp: 294767
Ion Ratio Lower Upper
152 100
115 61.5 44.6 133.8
150 159.3 0.0 349.8

