

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047315.D
 Acq On : 13 Aug 2025 12:35
 Operator : JC/MD
 Sample : Q2814-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Aug 14 03:27:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

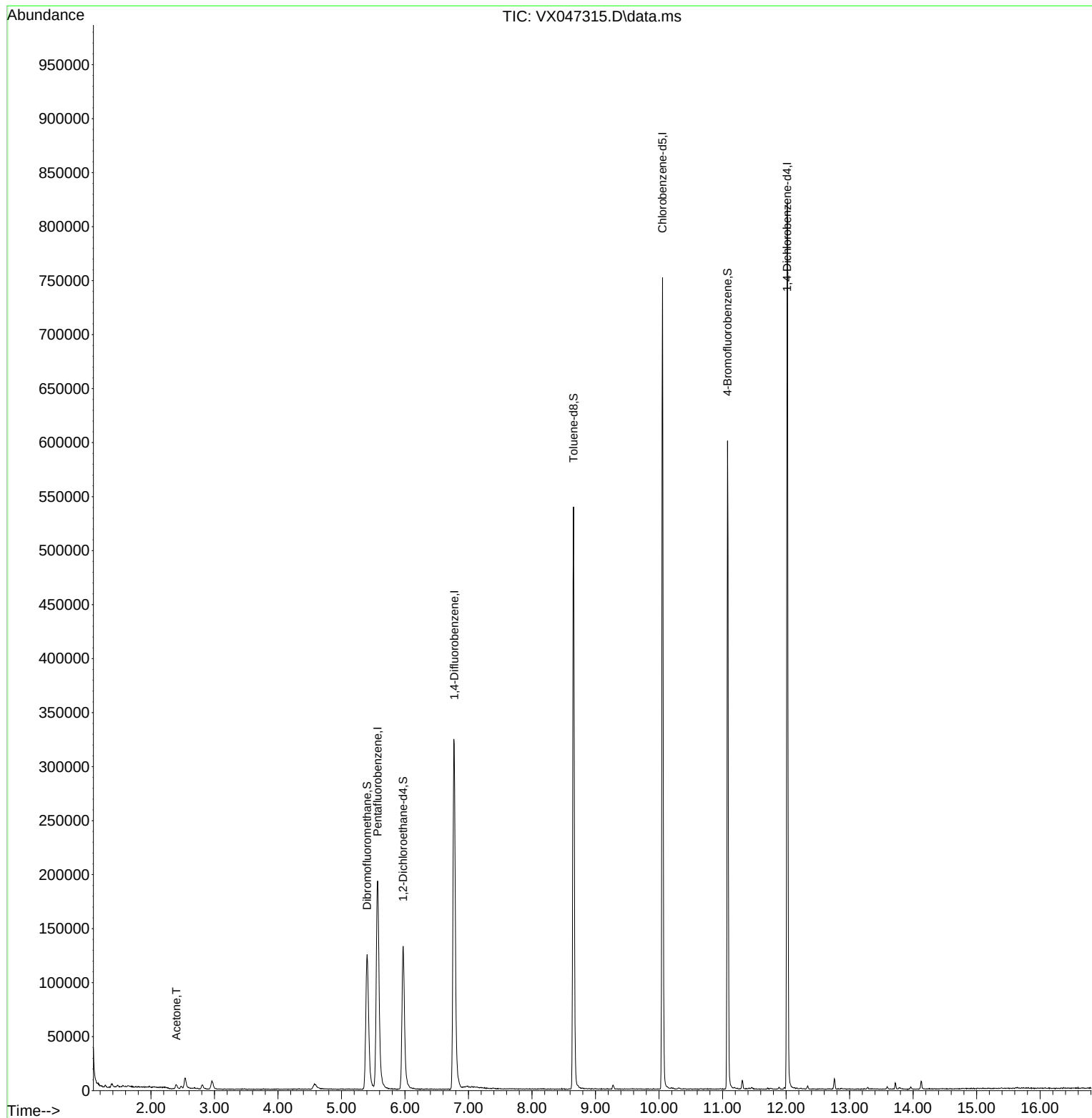
Internal Standards						
1) Pentafluorobenzene	5.568	168	198338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	355555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	170270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	140095	56.703	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.400%
35) Dibromofluoromethane	5.403	113	121014	55.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.240%
50) Toluene-d8	8.653	98	329442	46.338	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.680%
62) 4-Bromofluorobenzene	11.079	95	163126	53.243	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.480%
Target Compounds						
16) Acetone	2.398	43	6256	6.321	ug/l	Qvalue 90

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

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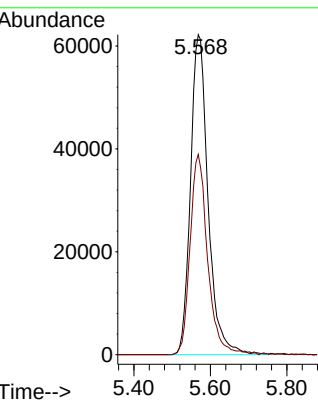
Quant Time: Aug 14 03:27:18 2025
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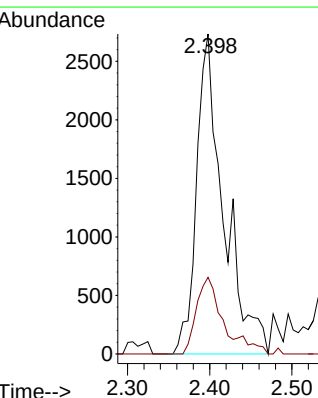
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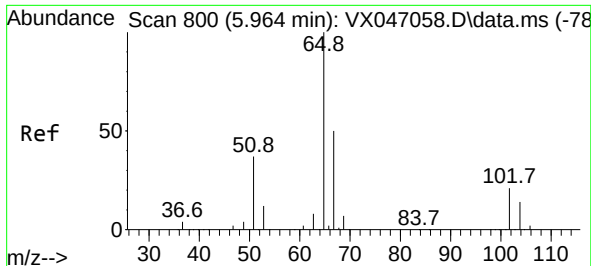
FB



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58	24.6	24.0	36.0
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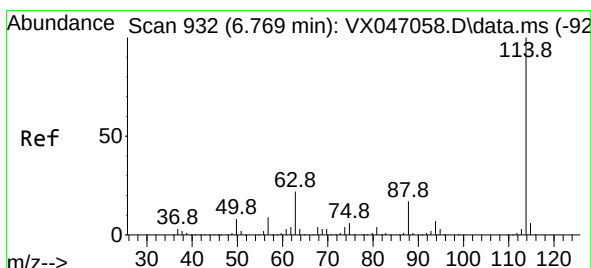
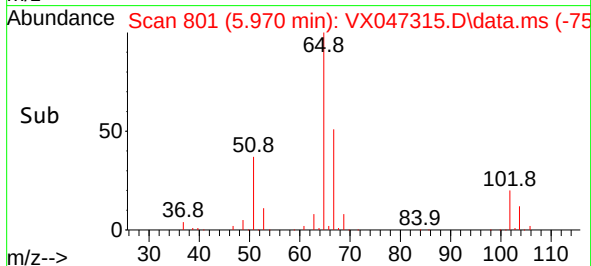
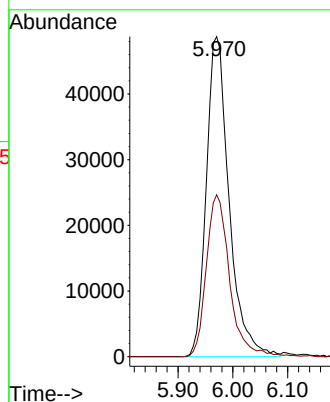
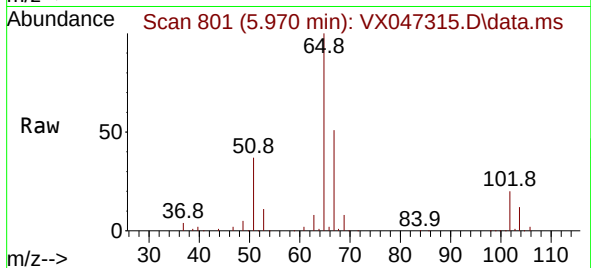




#33
1,2-Dichloroethane-d4
Concen: 56.703 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047315.D
Acq: 13 Aug 2025 12:35

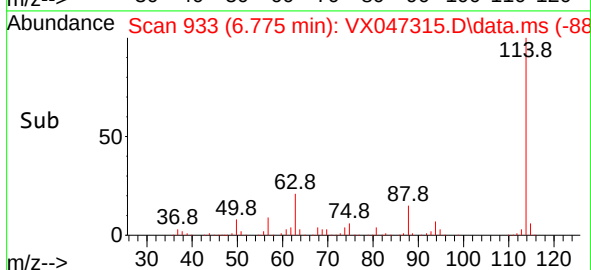
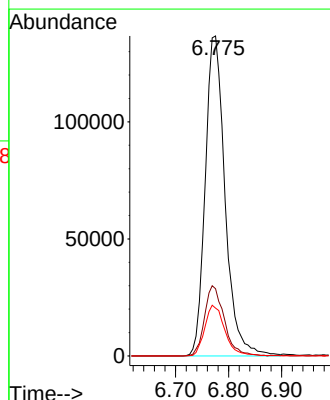
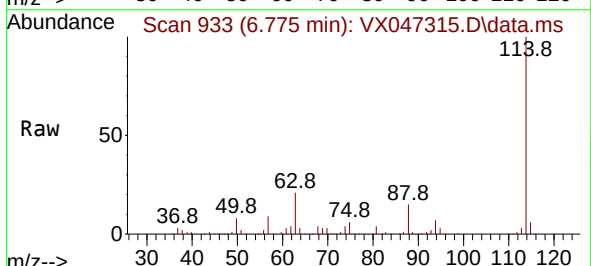
Instrument :
MSVOA_X
ClientSampleId :
FB

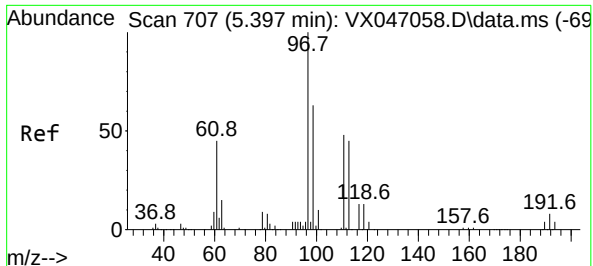
Tgt Ion: 65 Resp: 140095
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX047315.D
Acq: 13 Aug 2025 12:35

Tgt Ion: 114 Resp: 355555
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 15.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.124 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047315.D

Acq: 13 Aug 2025 12:35

Instrument :

MSVOA_X

ClientSampleId :

FB

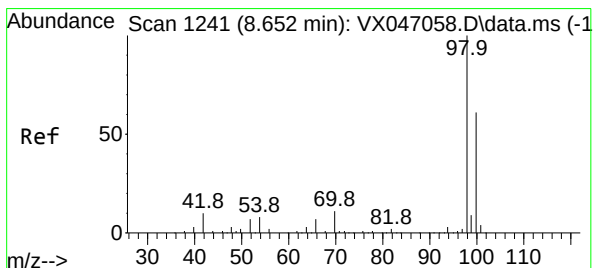
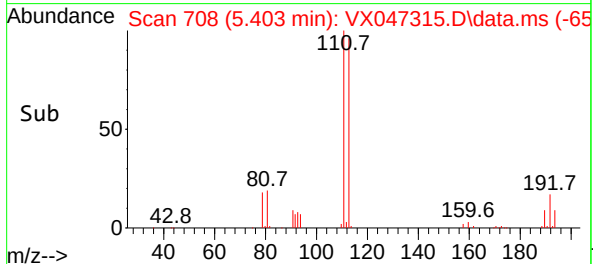
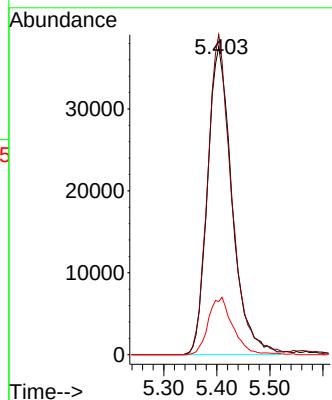
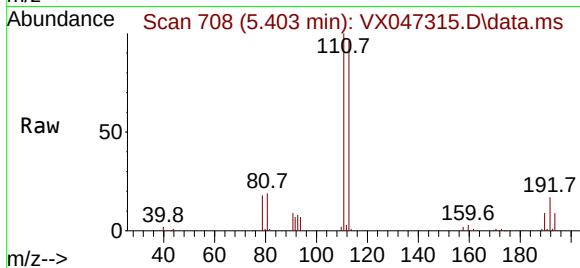
Tgt Ion:113 Resp: 121014

Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 18.7 14.9 22.3



#50

Toluene-d8

Concen: 46.338 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047315.D

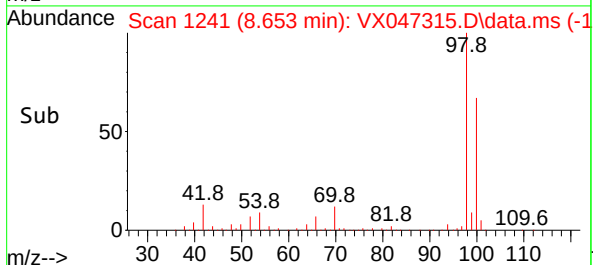
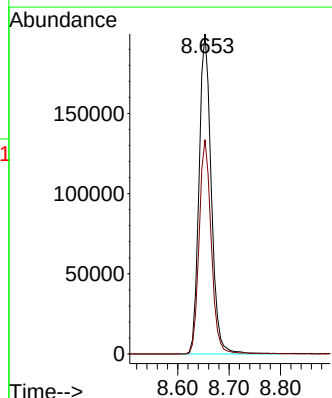
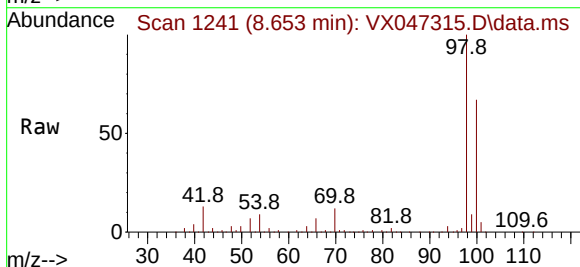
Acq: 13 Aug 2025 12:35

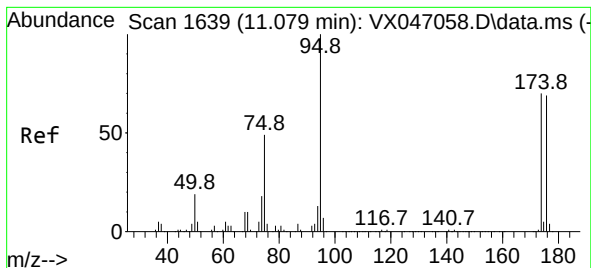
Tgt Ion: 98 Resp: 329442

Ion Ratio Lower Upper

98 100

100 66.3 53.3 79.9

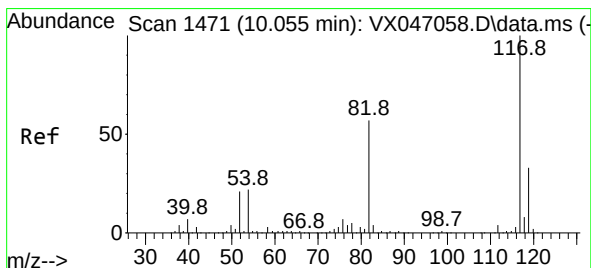
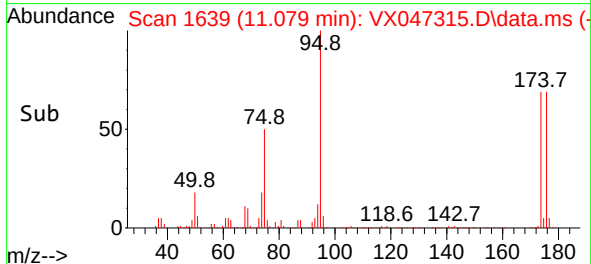
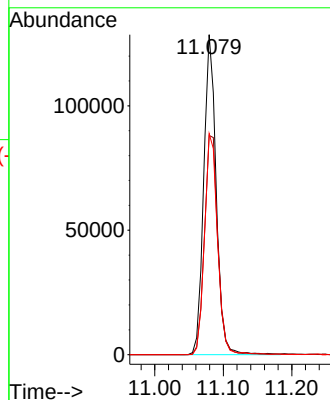
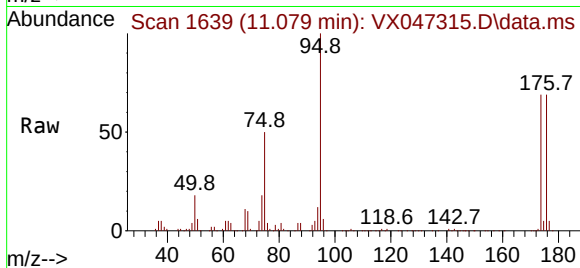




#62
4-Bromofluorobenzene
Concen: 53.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047315.D
Acq: 13 Aug 2025 12:35

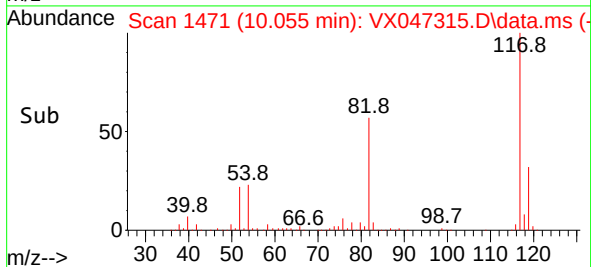
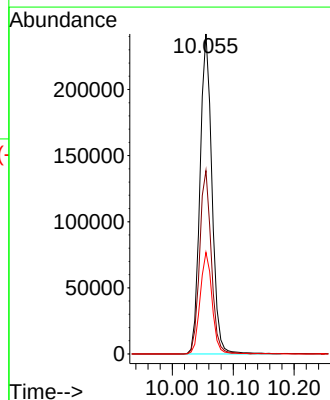
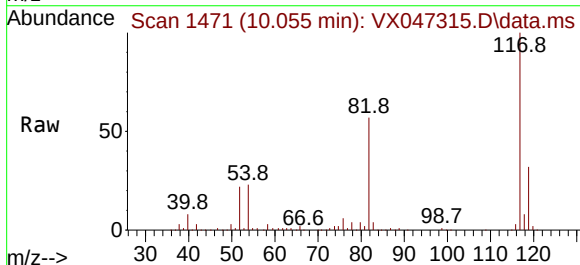
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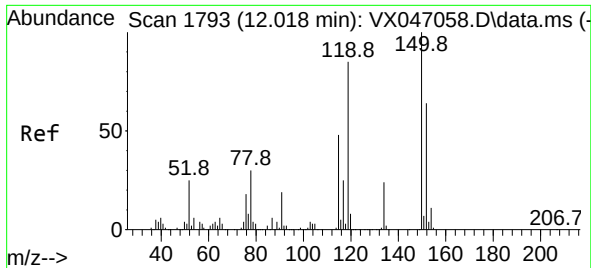
Tgt Ion: 95 Resp: 163126
Ion Ratio Lower Upper
95 100
174 73.8 0.0 144.6
176 72.0 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047315.D
Acq: 13 Aug 2025 12:35

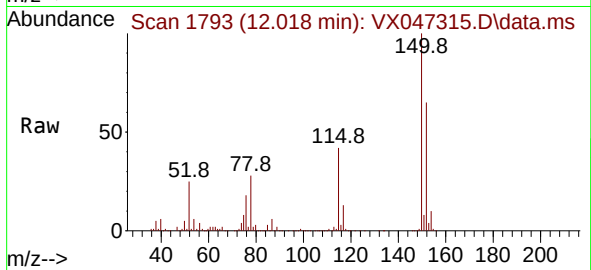
Tgt Ion: 117 Resp: 329474
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.2
119 31.8 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047315.D
 Acq: 13 Aug 2025 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FB



Tgt Ion:152 Resp: 170270
 Ion Ratio Lower Upper
 152 100
 115 61.6 45.6 136.7
 150 154.8 0.0 354.6

