

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
 Data File : VY023419.D
 Acq On : 09 Oct 2025 13:44
 Operator : SY/MD
 Sample : Q3321-01
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-DS-01

Quant Time: Oct 10 04:26:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	583600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1144139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1117620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	466443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	302021	61.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.780%
35) Dibromofluoromethane	7.640	113	377647	53.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.440%
50) Toluene-d8	10.109	98	1365268	52.147	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.300%
62) 4-Bromofluorobenzene	12.408	95	439445	50.840	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.680%

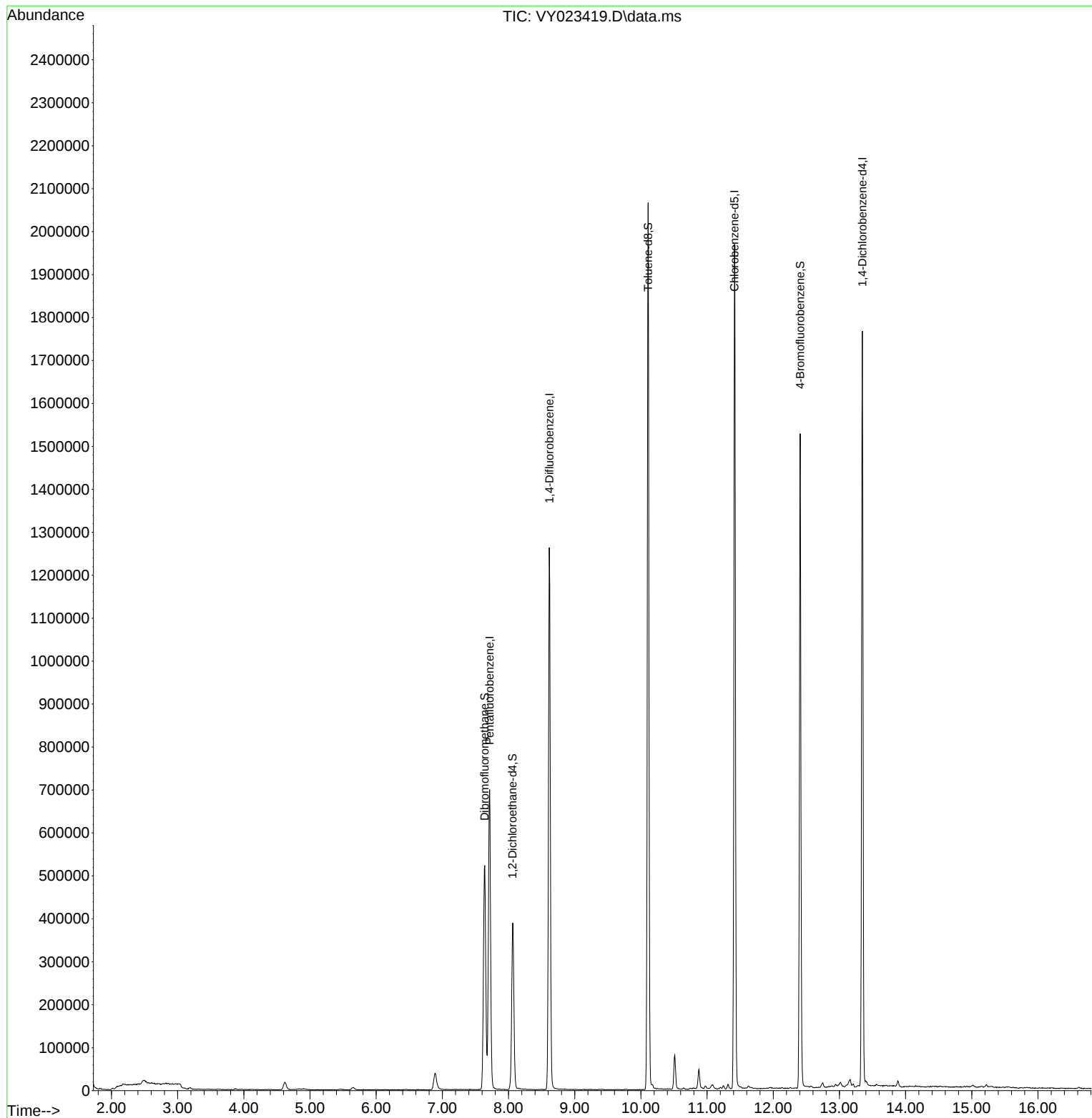
Target Compounds	Qvalue

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

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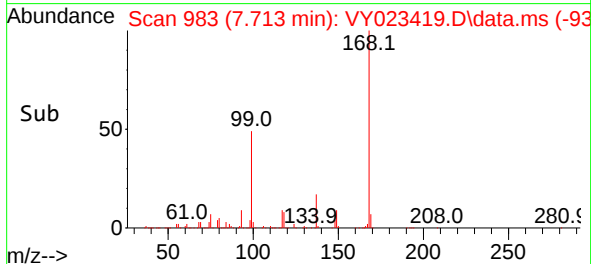
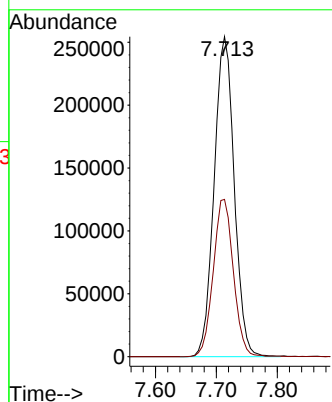
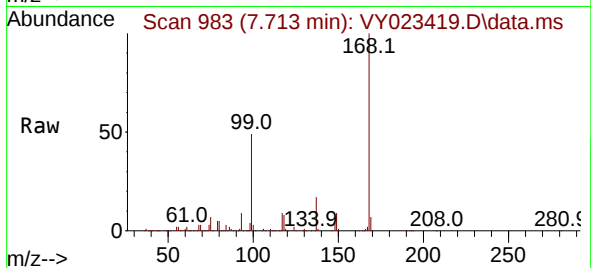




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023419.D
Acq: 09 Oct 2025 13:44

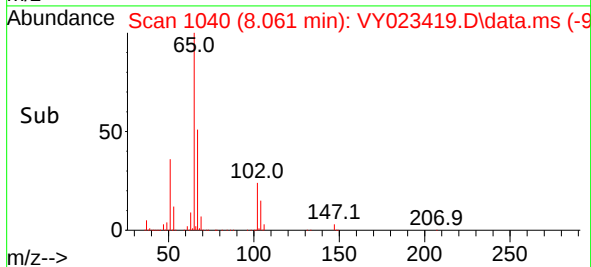
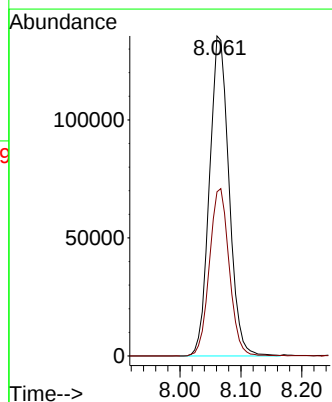
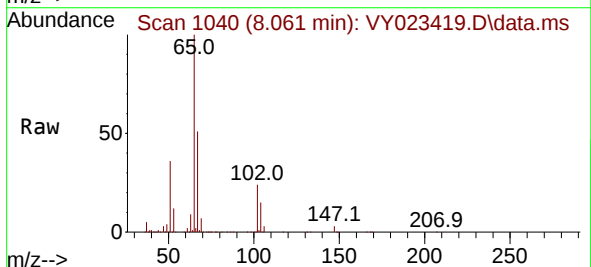
Instrument :
MSVOA_Y
ClientSampleId :
P001-DS-01

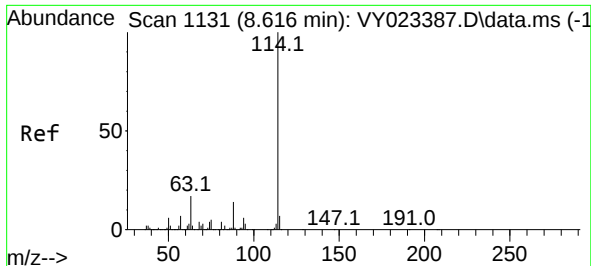
Tgt Ion:168 Resp: 583600
Ion Ratio Lower Upper
168 100
99 49.2 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 61.888 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023419.D
Acq: 09 Oct 2025 13:44

Tgt Ion: 65 Resp: 302021
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8

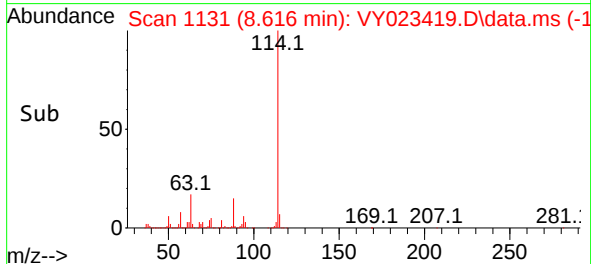
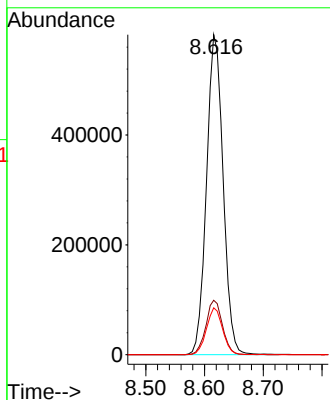
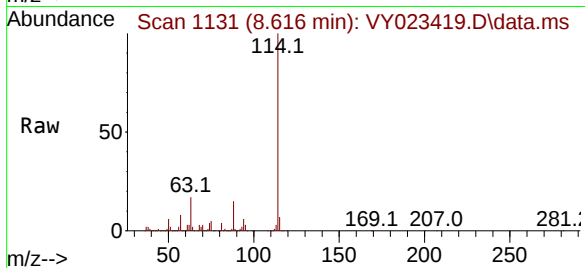




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023419.D
Acq: 09 Oct 2025 13:44

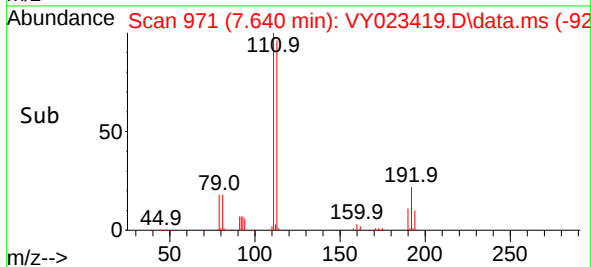
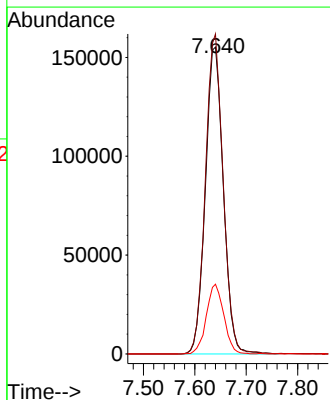
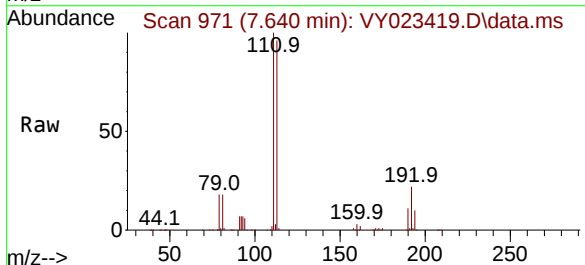
Instrument :
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ClientSampleId :
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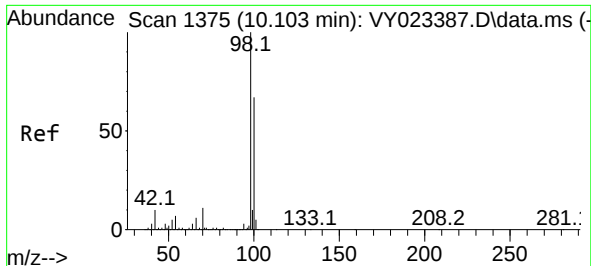
Tgt Ion:114 Resp: 1144139
Ion Ratio Lower Upper
114 100
63 17.0 0.0 34.2
88 14.6 0.0 28.4



#35
Dibromofluoromethane
Concen: 53.718 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023419.D
Acq: 09 Oct 2025 13:44

Tgt Ion:113 Resp: 377647
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 22.1 18.0 27.0

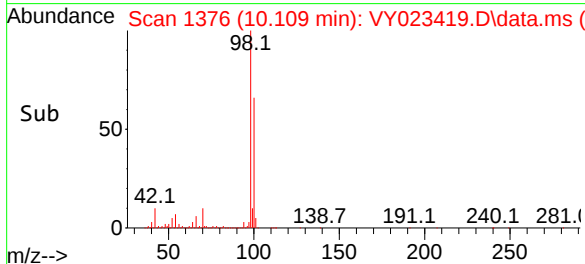
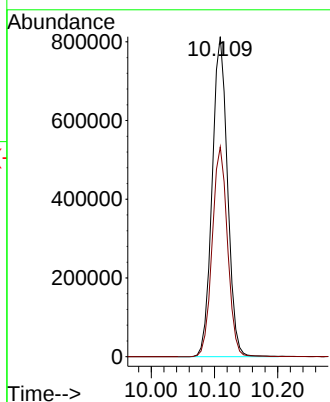
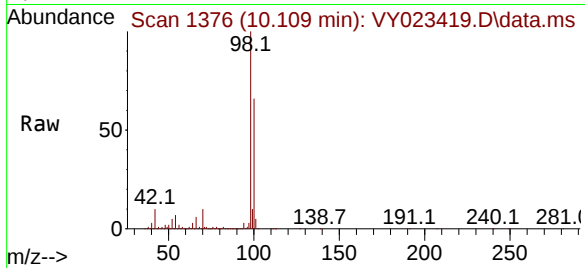




#50
Toluene-d8
Concen: 52.147 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023419.D
Acq: 09 Oct 2025 13:44

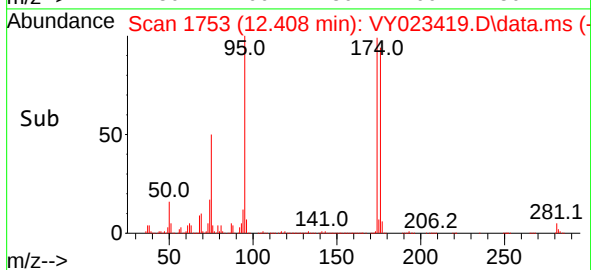
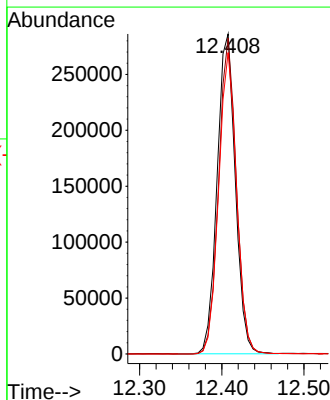
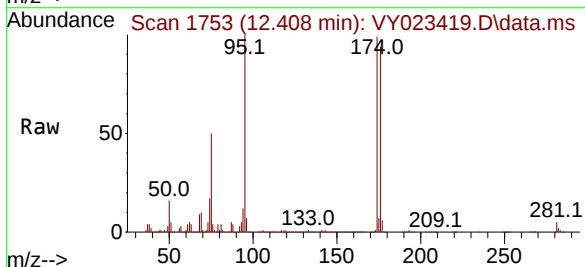
Instrument :
MSVOA_Y
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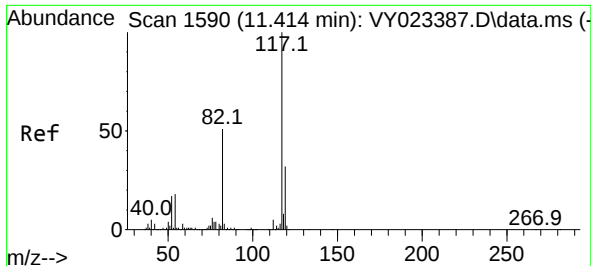
Tgt Ion: 98 Resp: 1365268
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.840 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023419.D
Acq: 09 Oct 2025 13:44

Tgt Ion: 95 Resp: 439445
Ion Ratio Lower Upper
95 100
174 96.8 0.0 192.8
176 93.0 0.0 187.6

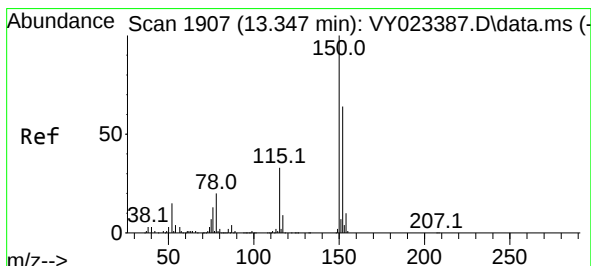
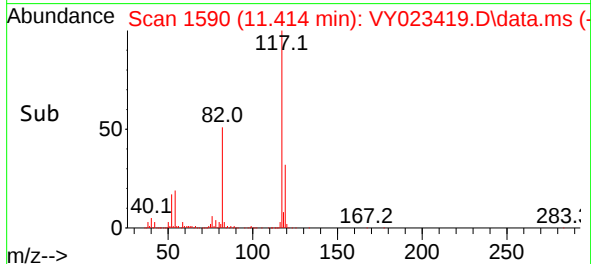
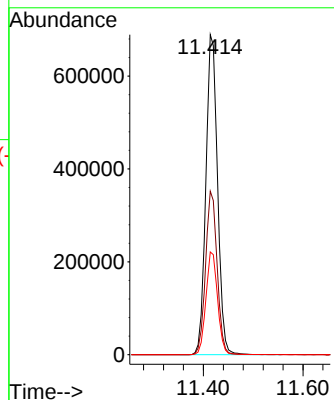
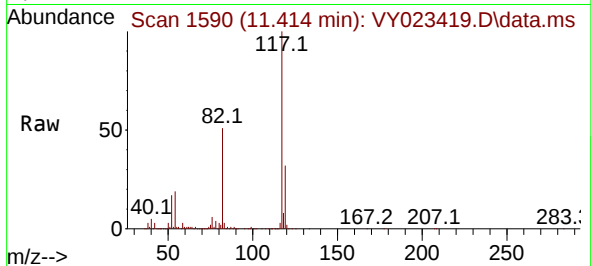




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117620
Delta R.T. -0.000 min
Lab File: VY023419.D
Acq: 09 Oct 2025 13:44

Instrument :
MSVOA_Y
ClientSampleId :
P001-DS-01

Tgt Ion:117 Resp: 1117620
Ion Ratio Lower Upper
117 100
82 51.1 41.0 61.4
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023419.D
Acq: 09 Oct 2025 13:44

Tgt Ion:152 Resp: 466443
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.2
150 156.8 0.0 347.4

