

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
 Data File : VY023599.D
 Acq On : 28 Oct 2025 09:30
 Operator : SY/MD
 Sample : VY1028SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBL01

Quant Time: Oct 29 06:21:32 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	751348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1250620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1019446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	391368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	318592	50.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.420%
35) Dibromofluoromethane	7.634	113	383941	49.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.109	98	1396250	48.790	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.580%
62) 4-Bromofluorobenzene	12.408	95	372675	39.444	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.880%

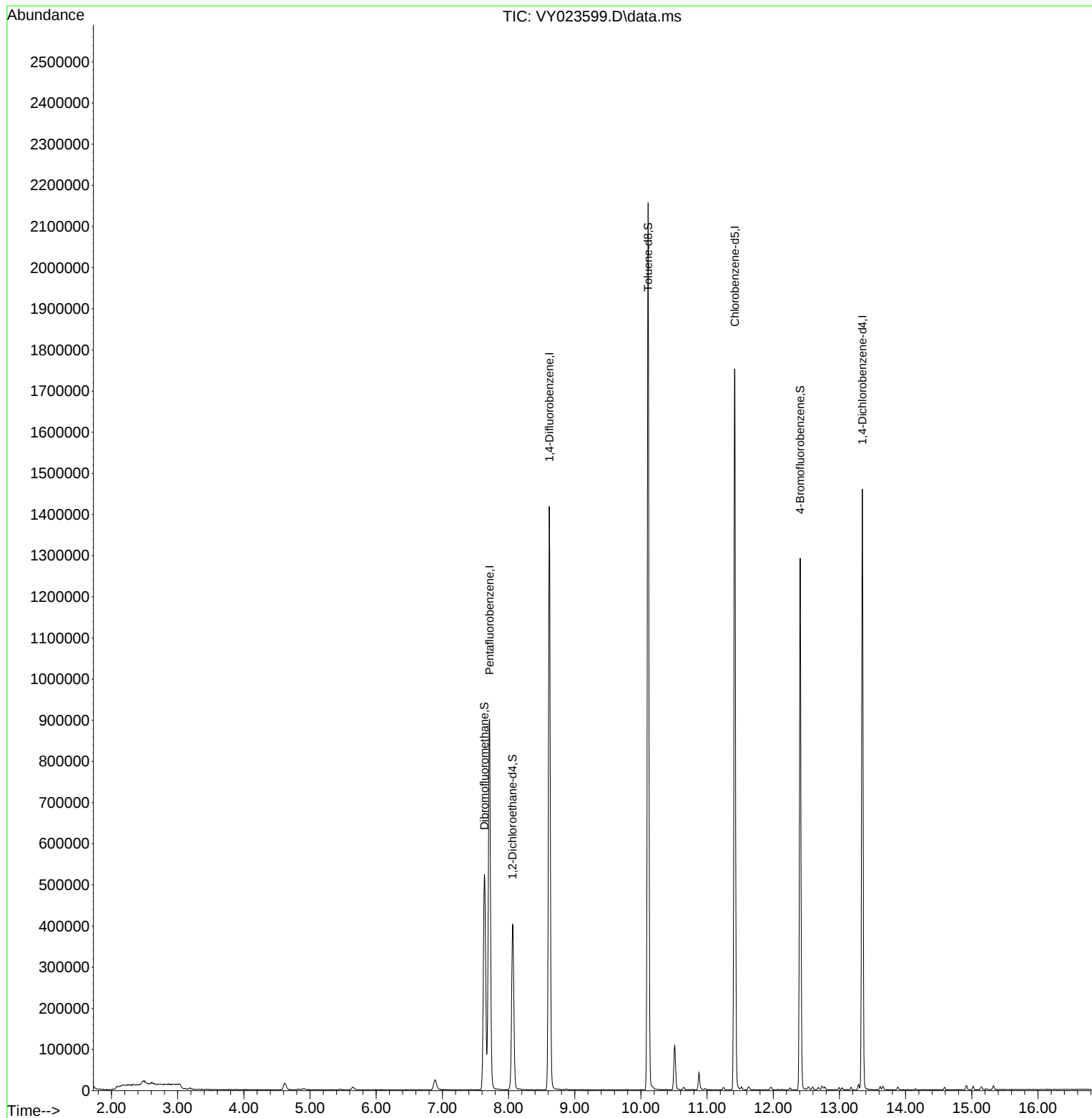
Target Compounds	Qvalue

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

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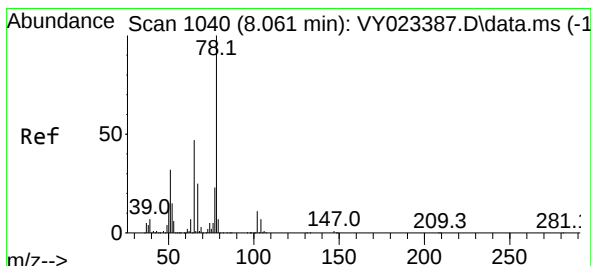
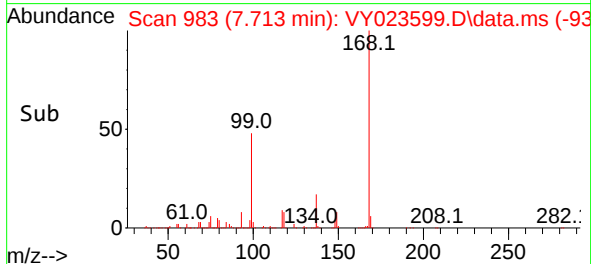
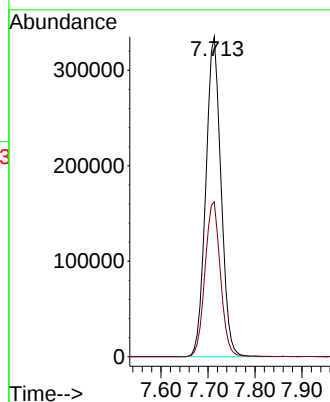
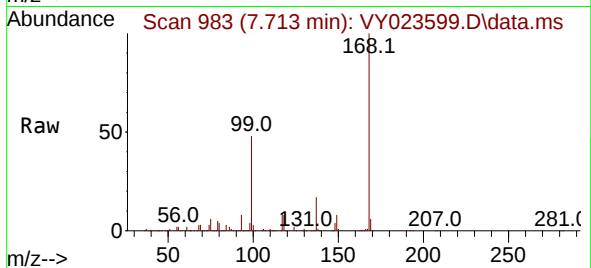




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

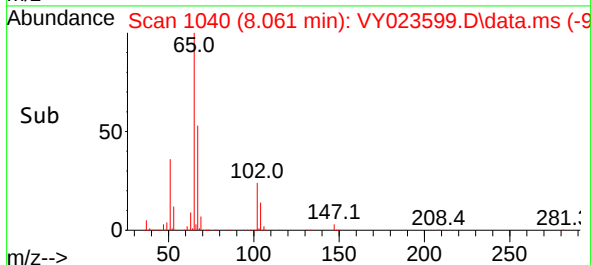
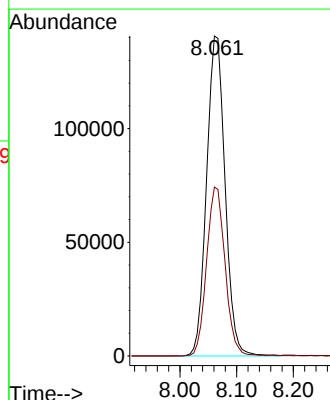
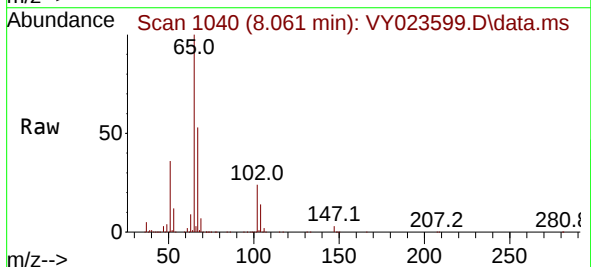
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

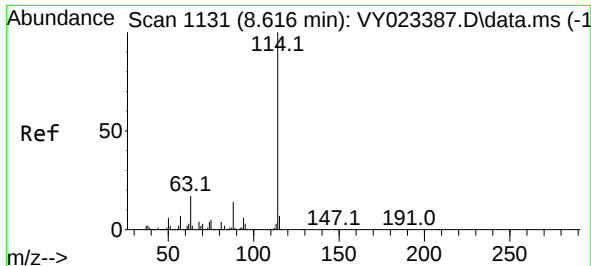
Tgt Ion:168 Resp: 751348
Ion Ratio Lower Upper
168 100
99 48.4 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 50.708 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Tgt Ion: 65 Resp: 318592
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8

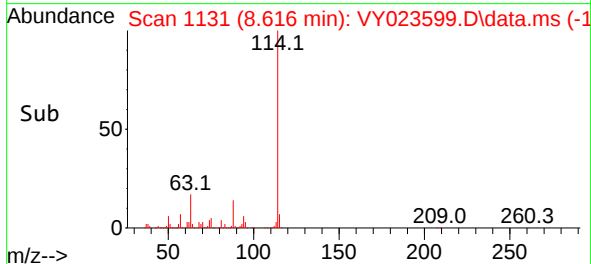
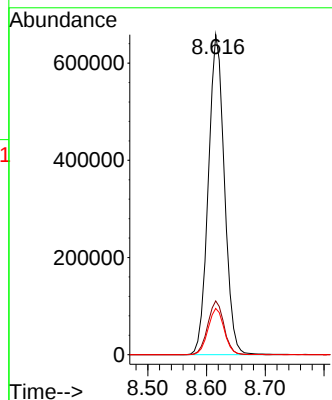
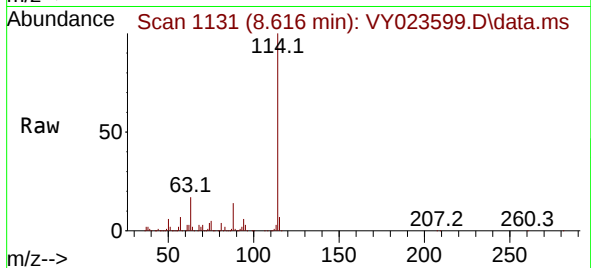




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

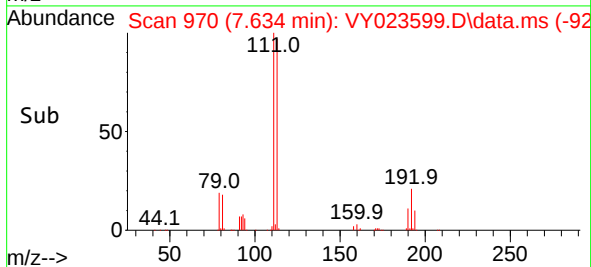
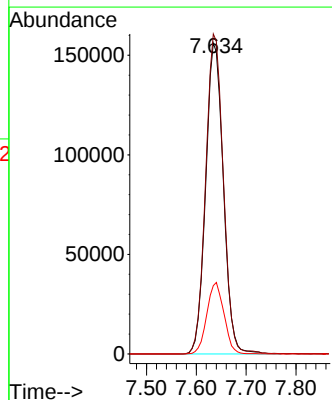
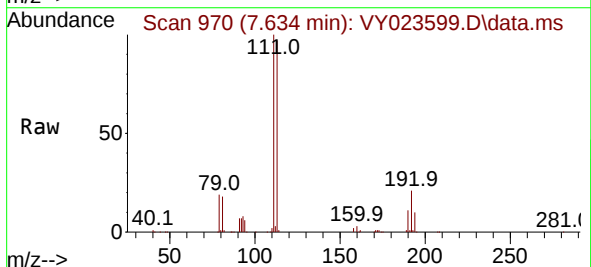
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

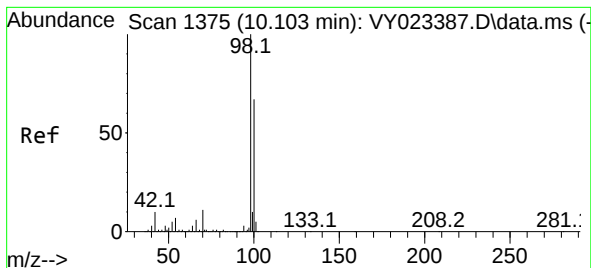
Tgt Ion:114 Resp: 1250620
Ion Ratio Lower Upper
114 100
63 16.8 0.0 34.2
88 14.4 0.0 28.4



#35
Dibromofluoromethane
Concen: 49.963 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Tgt Ion:113 Resp: 383941
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 22.3 18.0 27.0

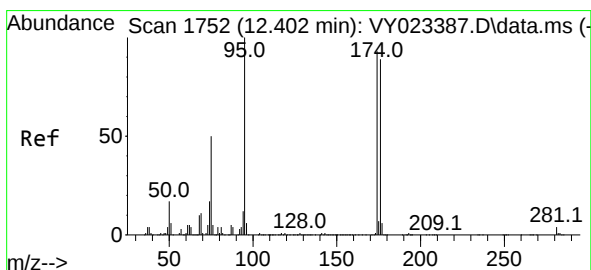
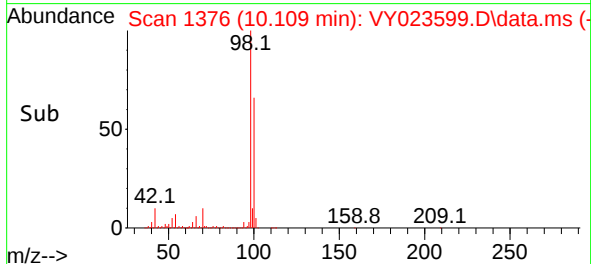
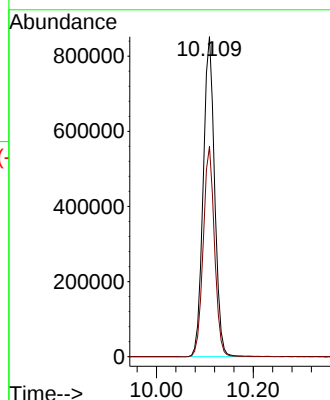
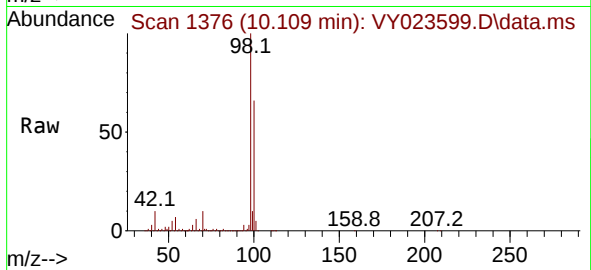




#50
Toluene-d8
Concen: 48.790 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

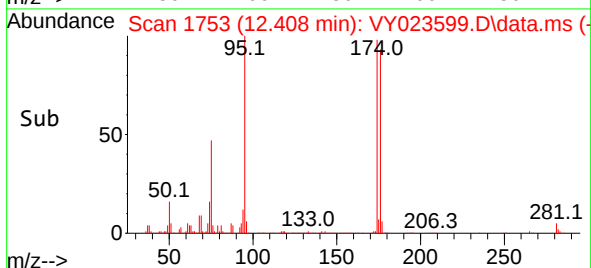
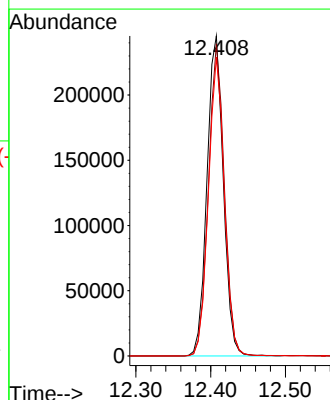
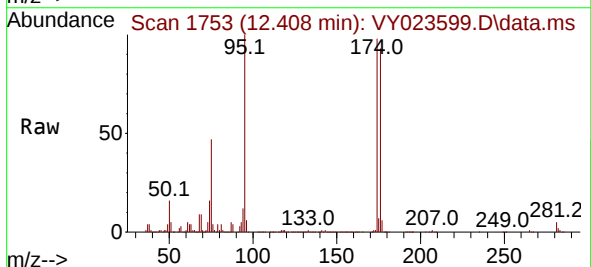
Instrument :
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ClientSampleId :
VY1028SBL01

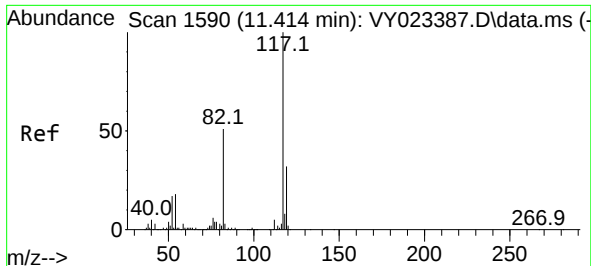
Tgt Ion: 98 Resp: 1396250
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 39.444 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Tgt Ion: 95 Resp: 372675
Ion Ratio Lower Upper
95 100
174 95.5 0.0 192.8
176 91.2 0.0 187.6

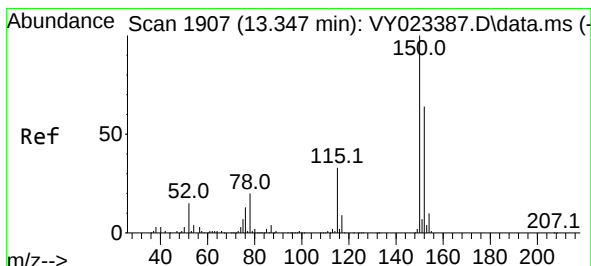
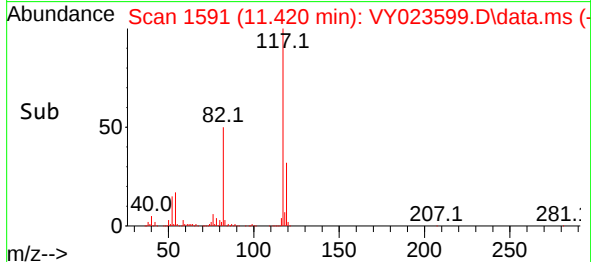
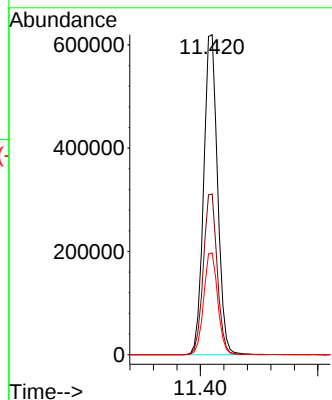
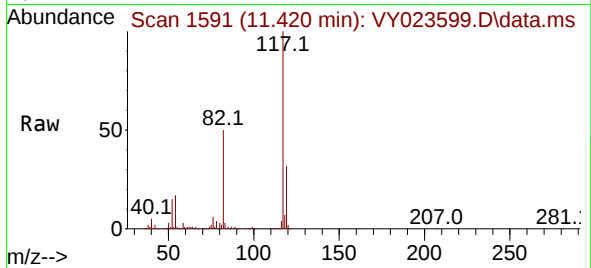




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

Tgt Ion:117 Resp: 1019446
Ion Ratio Lower Upper
117 100
82 50.2 41.0 61.4
119 31.7 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: VY023599.D
Acq: 28 Oct 2025 09:30

Tgt Ion:152 Resp: 391368
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.2
150 156.7 0.0 347.4

