

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
 Data File : VY023738.D
 Acq On : 11 Nov 2025 14:27
 Operator : SY/MD
 Sample : Q3581-01
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-238

Quant Time: Nov 12 03:37:07 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	7.720	168	882712	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	1511239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1292114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	531992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	389916	52.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.640%
35) Dibromofluoromethane	7.640	113	471909	50.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.109	98	1694592	49.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.408	95	510537	44.717	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.440%

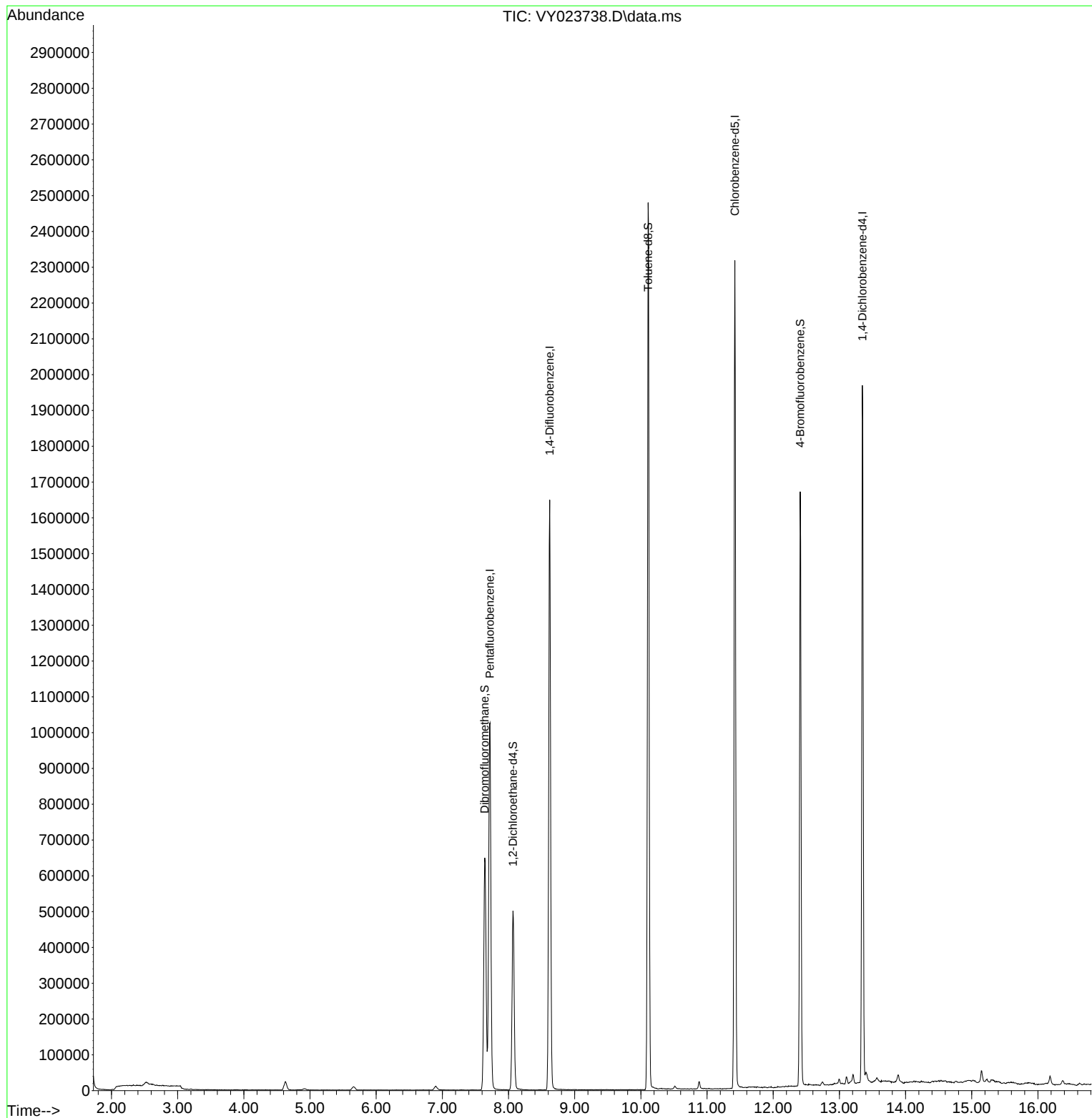
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
Data File : VY023738.D
Acq On : 11 Nov 2025 14:27
Operator : SY/MD
Sample : Q3581-01
Misc : 3.59g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-238

Quant Time: Nov 12 03:37:07 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

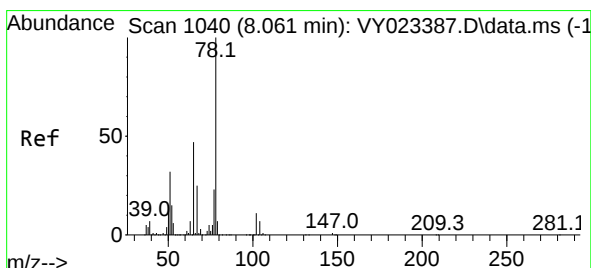
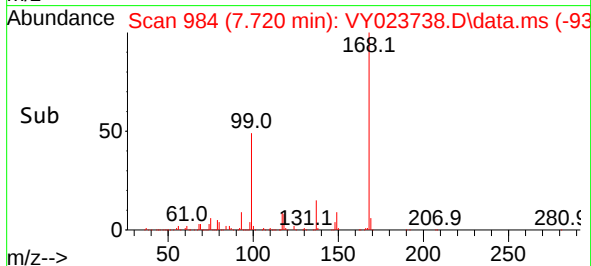
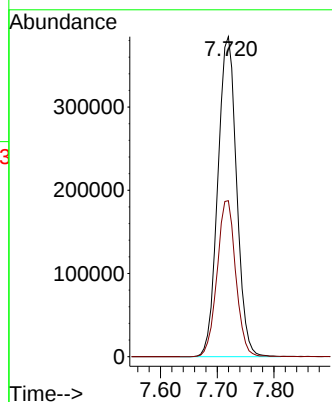
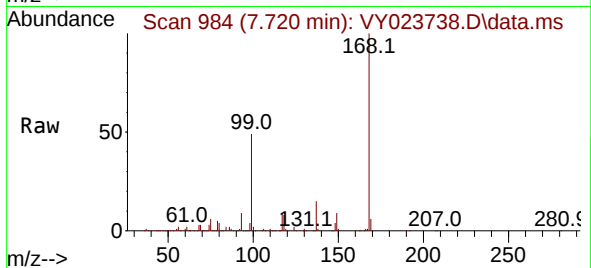




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY023738.D
Acq: 11 Nov 2025 14:27

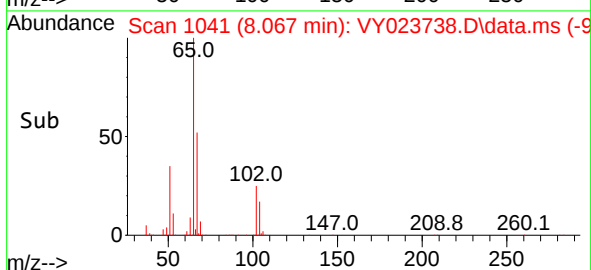
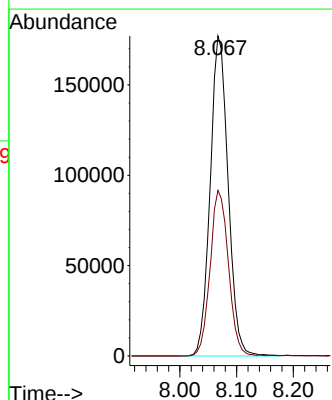
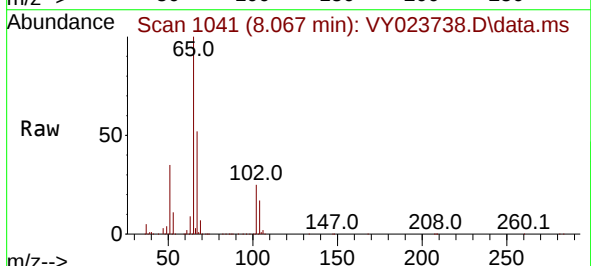
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-238

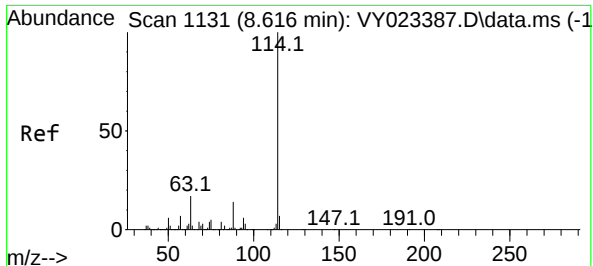
Tgt Ion:168 Resp: 882712
Ion Ratio Lower Upper
168 100
99 48.8 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 52.824 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023738.D
Acq: 11 Nov 2025 14:27

Tgt Ion: 65 Resp: 389916
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8

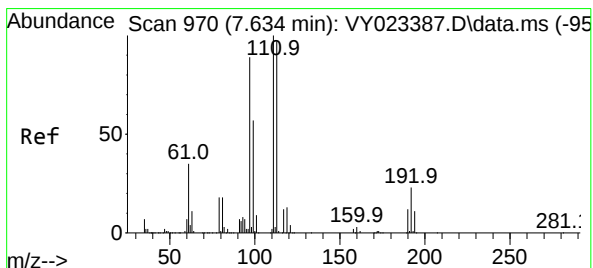
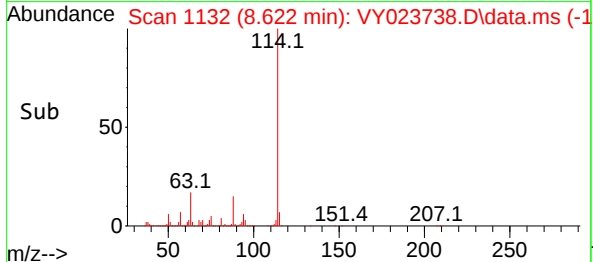
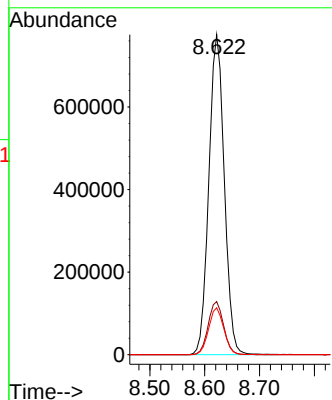
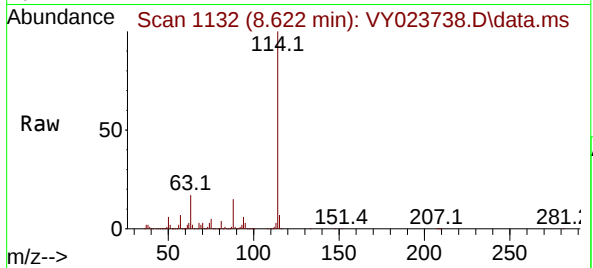




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY023738.D
Acq: 11 Nov 2025 14:27

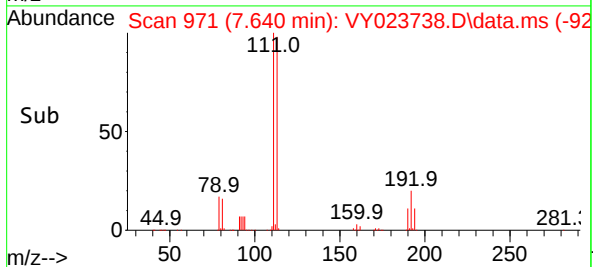
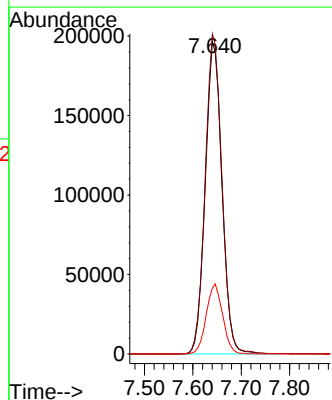
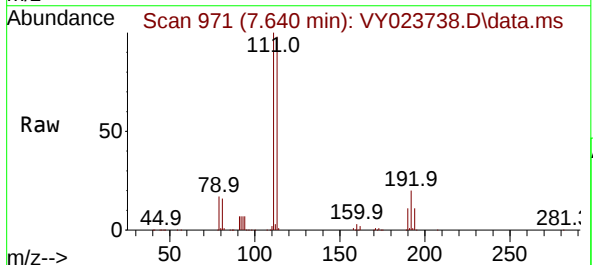
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-238

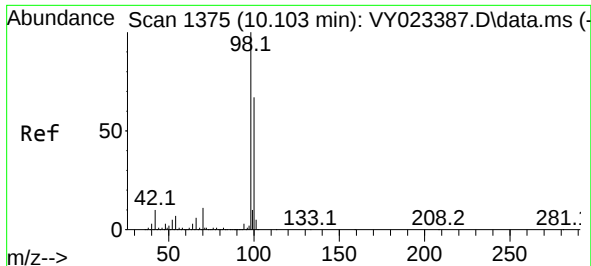
Tgt Ion:114 Resp: 1511239
Ion Ratio Lower Upper
114 100
63 16.6 0.0 34.2
88 14.7 0.0 28.4



#35
Dibromofluoromethane
Concen: 50.820 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023738.D
Acq: 11 Nov 2025 14:27

Tgt Ion:113 Resp: 471909
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 22.0 18.0 27.0

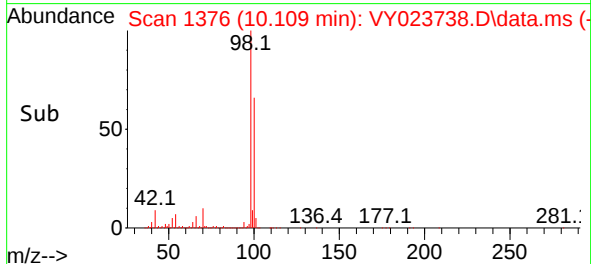
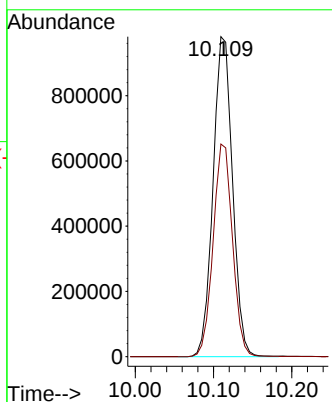
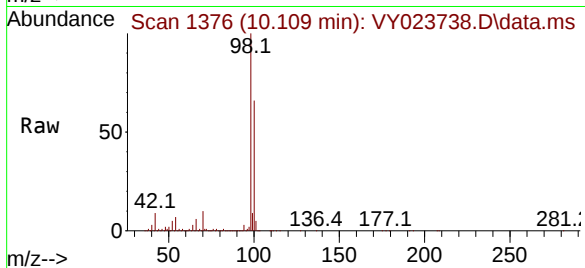




#50
Toluene-d8
Concen: 49.003 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023738.D
Acq: 11 Nov 2025 14:27

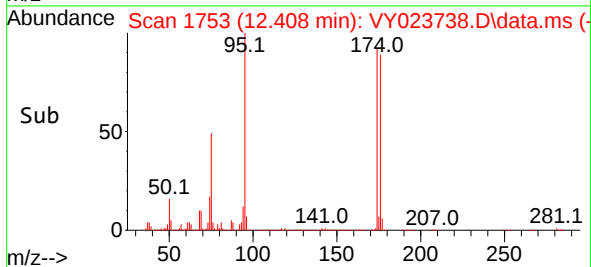
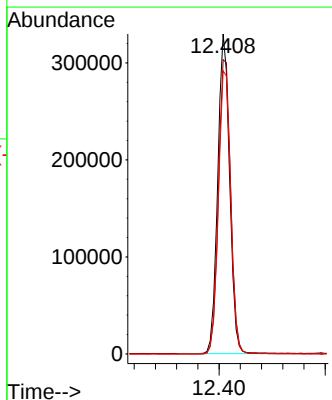
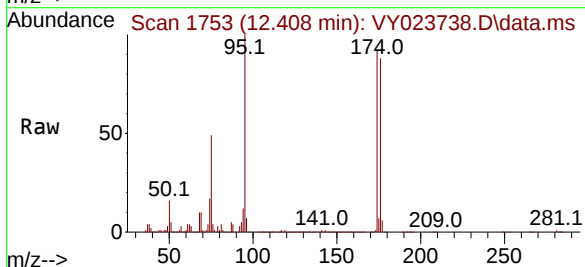
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-238

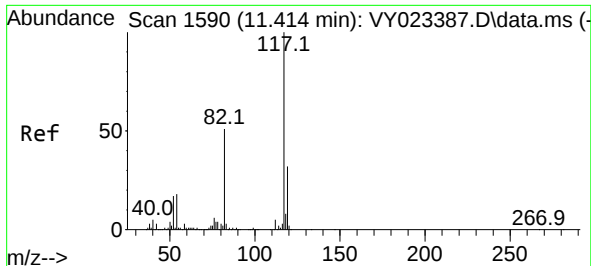
Tgt Ion: 98 Resp: 1694592
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 44.717 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023738.D
Acq: 11 Nov 2025 14:27

Tgt Ion: 95 Resp: 510537
Ion Ratio Lower Upper
95 100
174 95.6 0.0 192.8
176 91.6 0.0 187.6

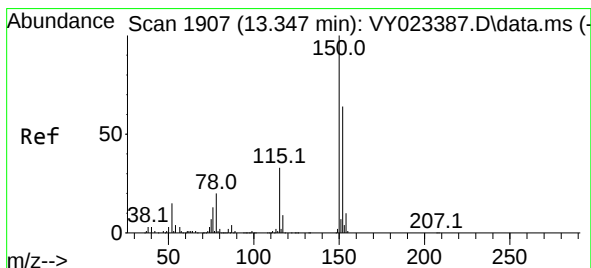
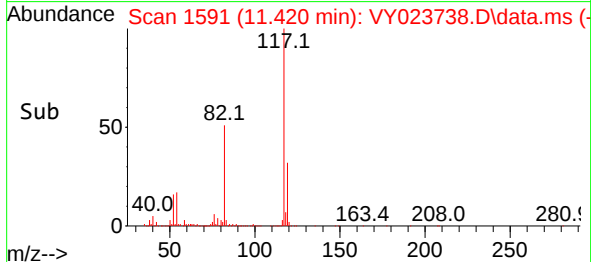
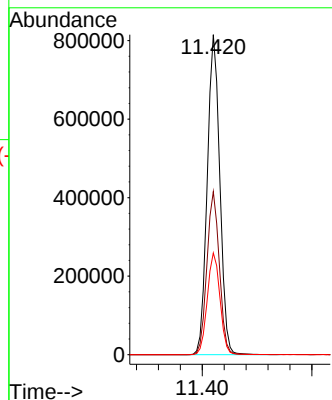
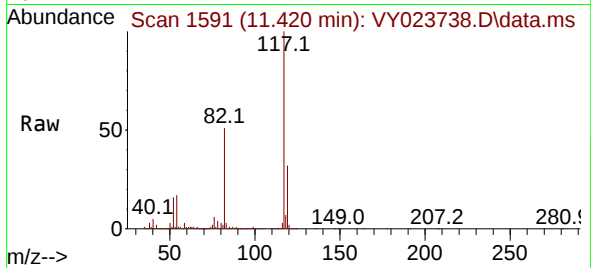




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023738.D
Acq: 11 Nov 2025 14:27

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-238

Tgt Ion:117 Resp: 1292114
Ion Ratio Lower Upper
117 100
82 50.9 41.0 61.4
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023738.D
Acq: 11 Nov 2025 14:27

Tgt Ion:152 Resp: 531992
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.2
150 156.2 0.0 347.4

