

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022519.D
 Acq On : 03 Jun 2025 13:51
 Operator : SY/MD
 Sample : Q2172-02
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP06-MHQ-VOC

Quant Time: Jun 04 04:11:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	251703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	457079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	368507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138064	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	145461	51.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.340%
35) Dibromofluoromethane	7.634	113	138119	50.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.260%
50) Toluene-d8	10.103	98	549383	49.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.401	95	142064	43.253	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.500%

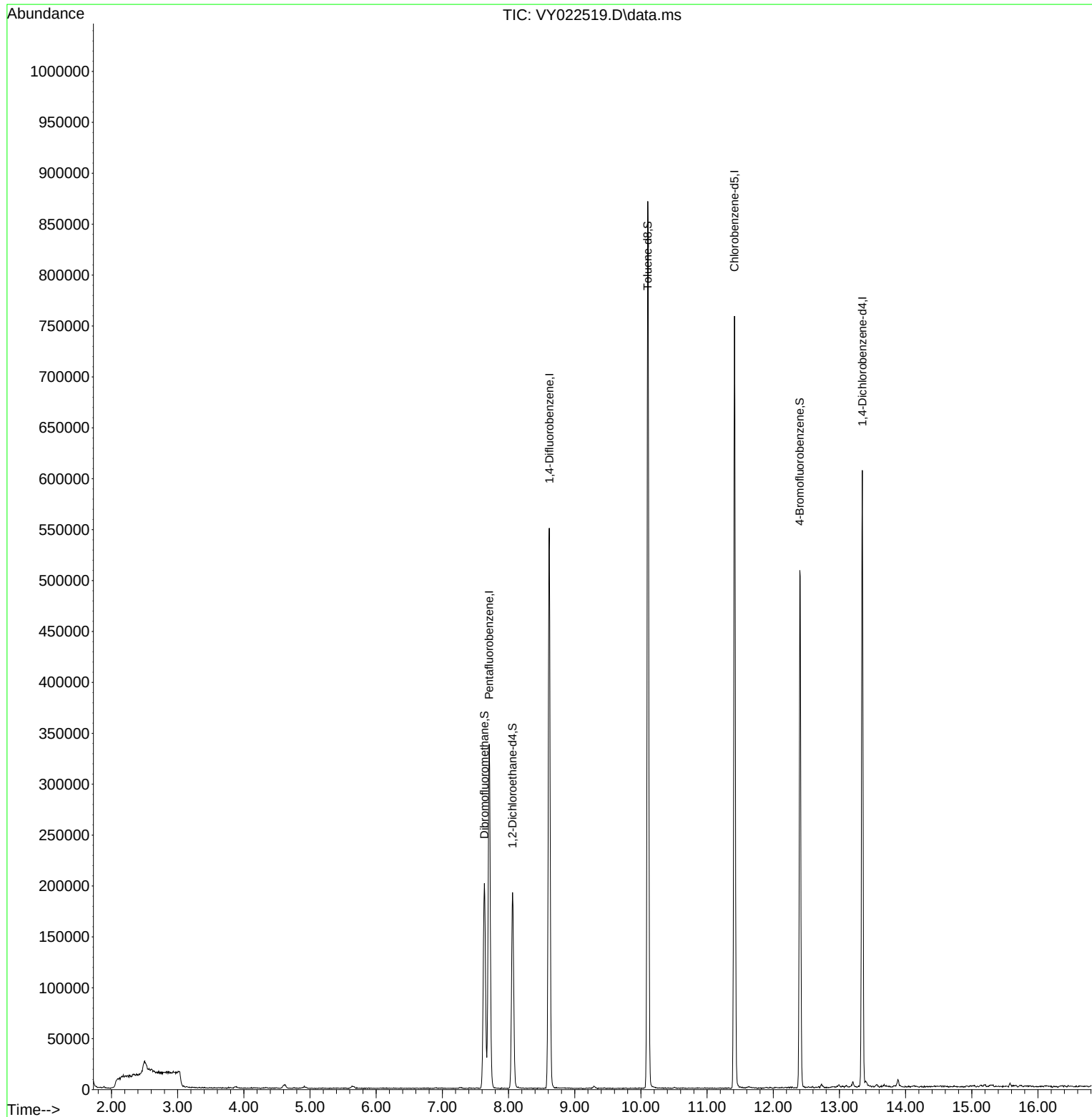
Target Compounds	Qvalue

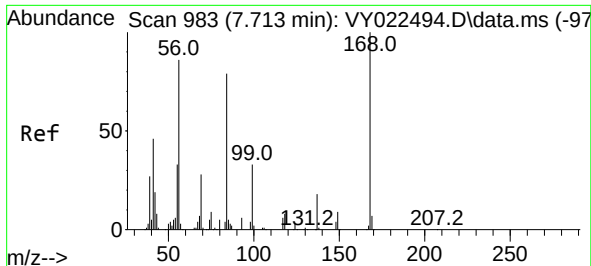
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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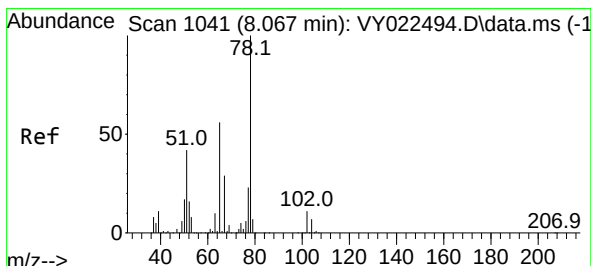
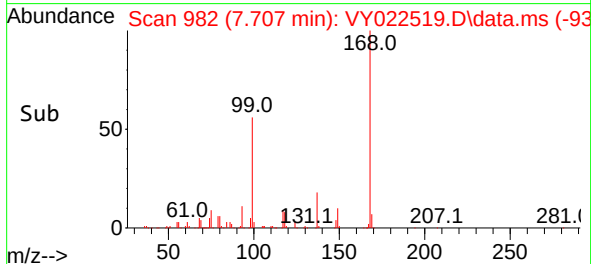
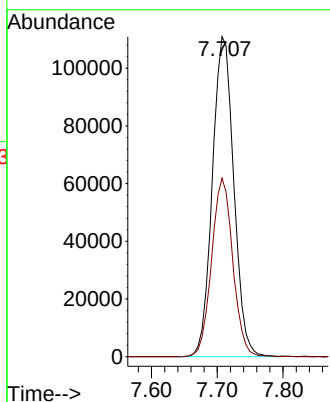
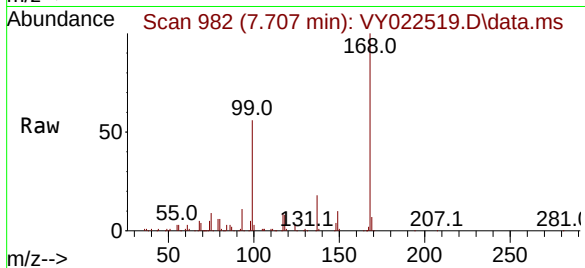




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022519.D
Acq: 03 Jun 2025 13:51

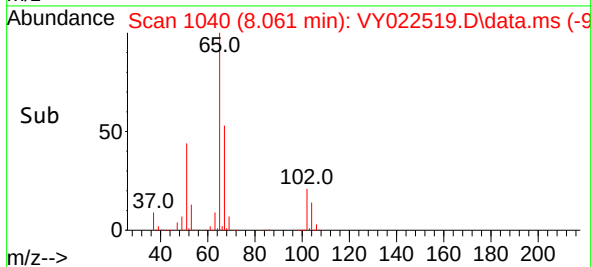
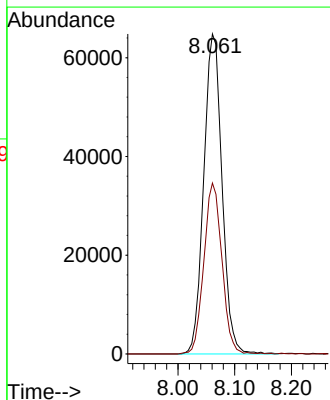
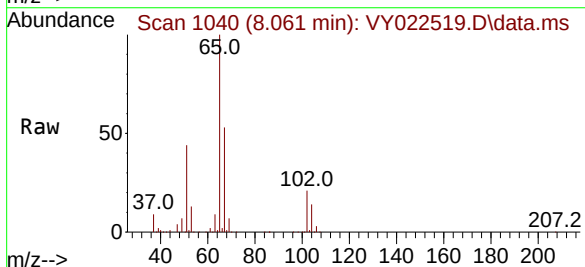
Instrument :
MSVOA_Y
ClientSampleId :
TP06-MHQ-VOC

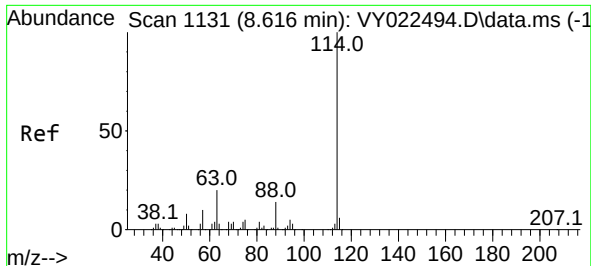
Tgt Ion:168 Resp: 251703
Ion Ratio Lower Upper
168 100
99 55.7 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 51.671 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022519.D
Acq: 03 Jun 2025 13:51

Tgt Ion: 65 Resp: 145461
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4

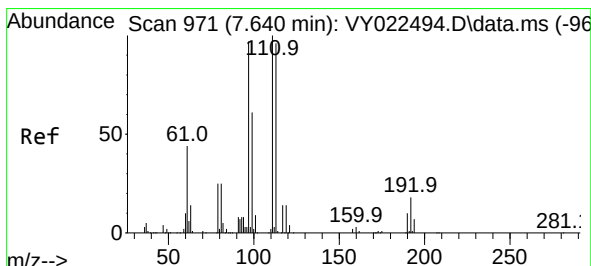
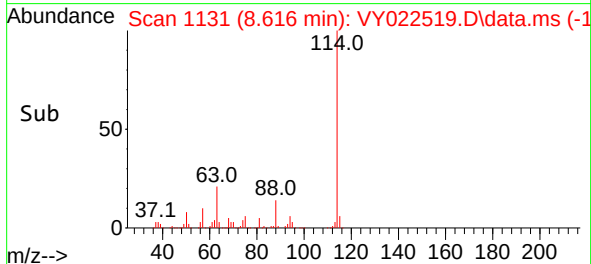
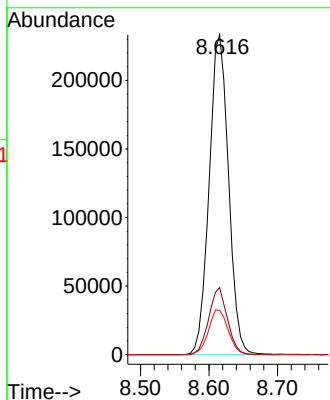
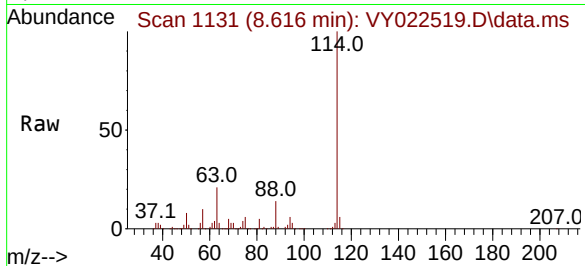




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022519.D
 Acq: 03 Jun 2025 13:51

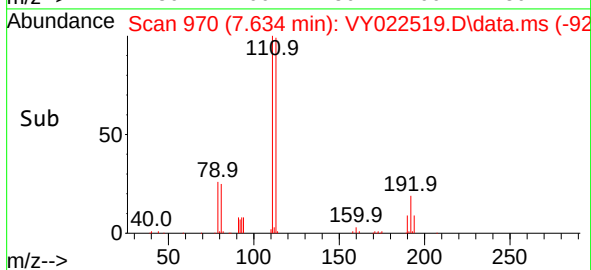
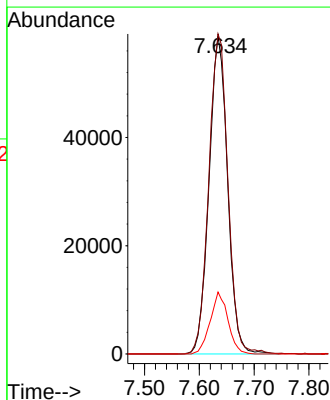
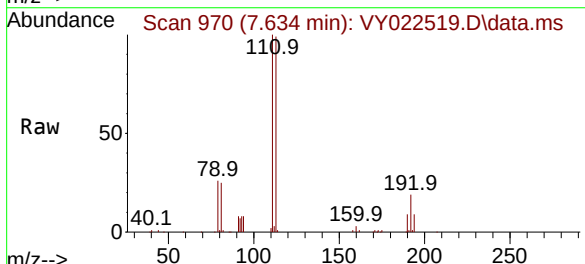
Instrument :
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 ClientSampleId :
 TP06-MHQ-VOC

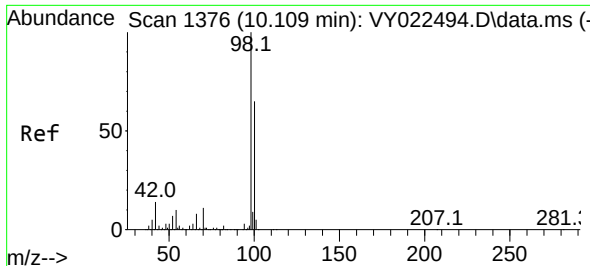
Tgt Ion:114 Resp: 457079
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 13.9 0.0 27.8



#35
 Dibromofluoromethane
 Concen: 50.626 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.006 min
 Lab File: VY022519.D
 Acq: 03 Jun 2025 13:51

Tgt Ion:113 Resp: 138119
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.1 121.7
 192 18.6 14.2 21.2

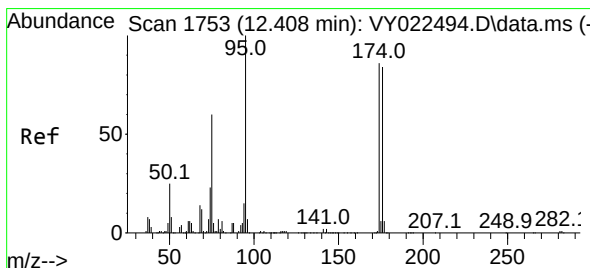
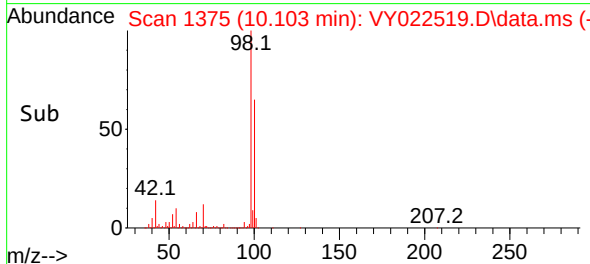
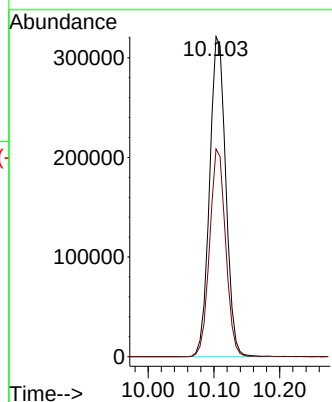
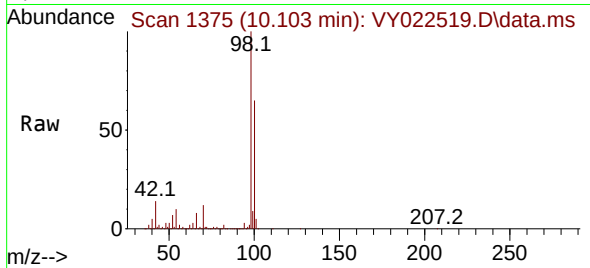




#50
Toluene-d8
Concen: 49.836 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022519.D
Acq: 03 Jun 2025 13:51

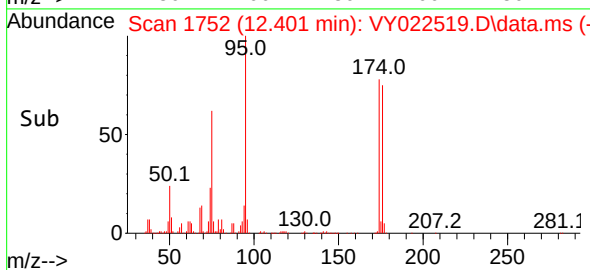
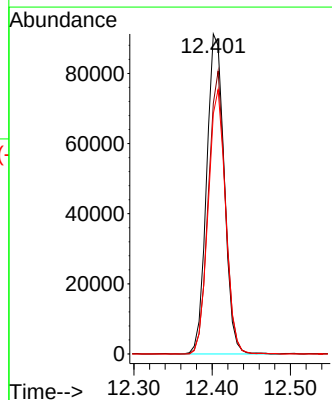
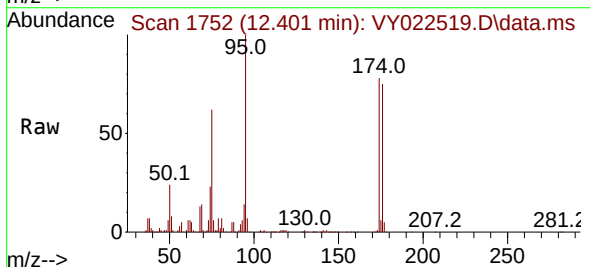
Instrument :
MSVOA_Y
ClientSampleId :
TP06-MHQ-VOC

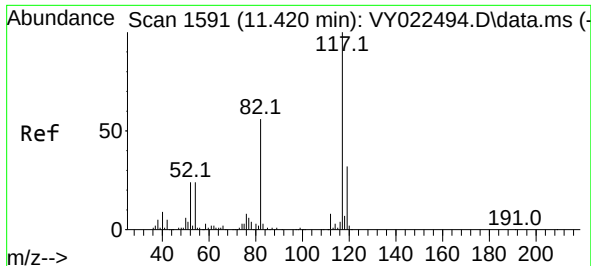
Tgt Ion: 98 Resp: 549383
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.253 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022519.D
Acq: 03 Jun 2025 13:51

Tgt Ion: 95 Resp: 142064
Ion Ratio Lower Upper
95 100
174 85.3 0.0 170.0
176 81.9 0.0 166.2

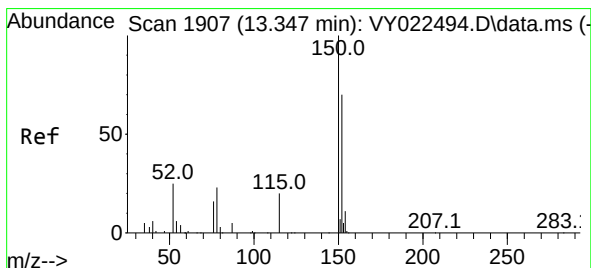
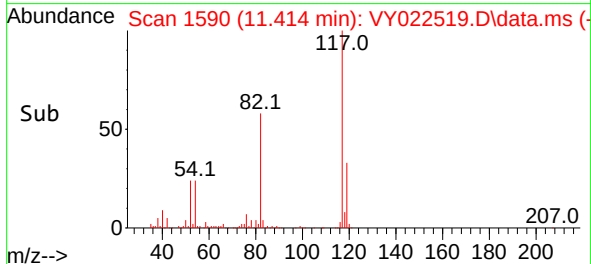
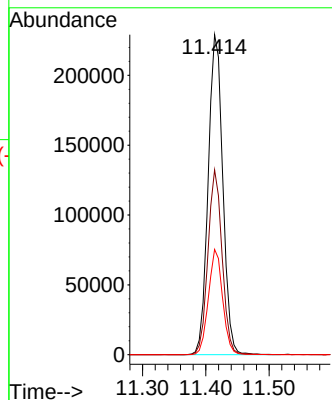
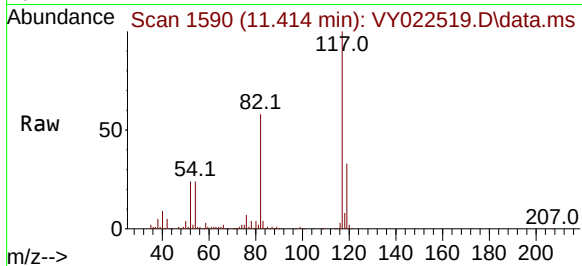




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022519.D
Acq: 03 Jun 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
TP06-MHQ-VOC

Tgt Ion:117 Resp: 368507
Ion Ratio Lower Upper
117 100
82 57.7 44.6 66.8
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022519.D
Acq: 03 Jun 2025 13:51

Tgt Ion:152 Resp: 138064
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.7
150 156.9 0.0 349.6

