

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022631.D
 Acq On : 09 Jun 2025 15:33
 Operator : SY/MD
 Sample : Q2266-03
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOC

Quant Time: Jun 10 01:30:39 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	7.713	168	265399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	504674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	411328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	158216	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149338	50.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.620%
35) Dibromofluoromethane	7.634	113	152544	50.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.280%
50) Toluene-d8	10.109	98	616274	50.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.408	95	157212	43.351	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.700%

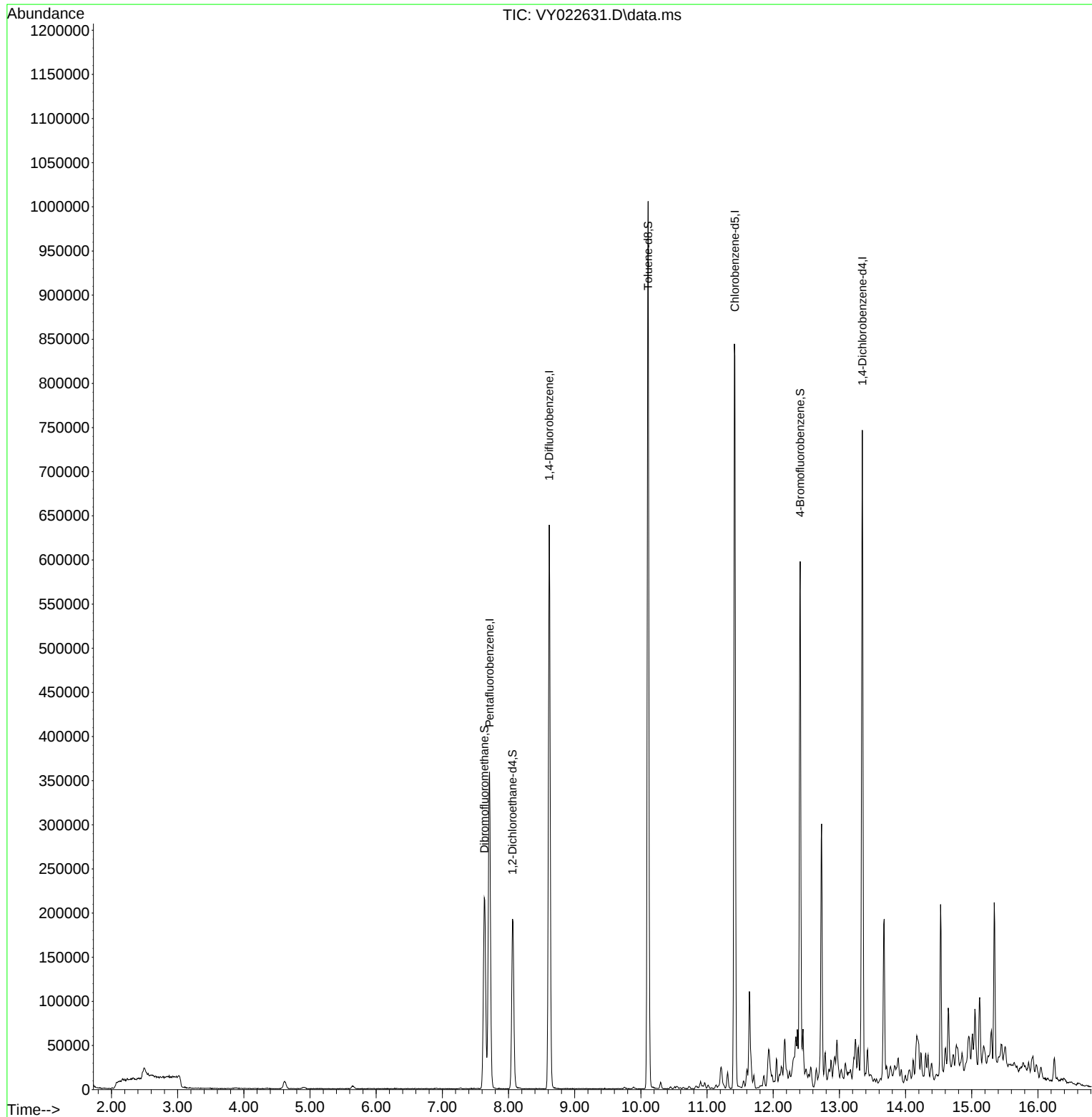
Target Compounds	Qvalue

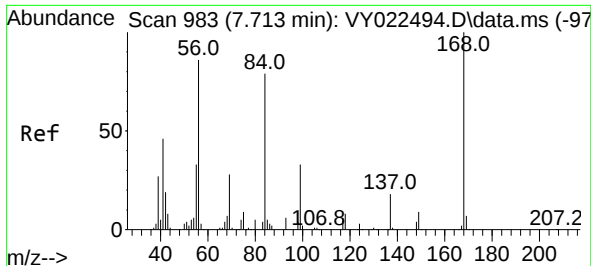
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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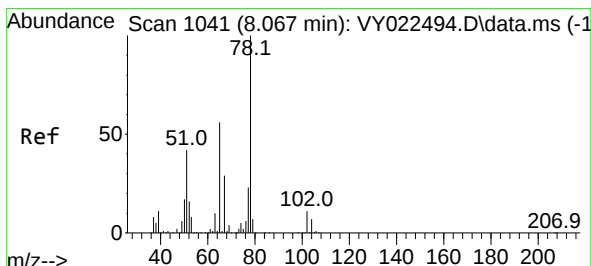
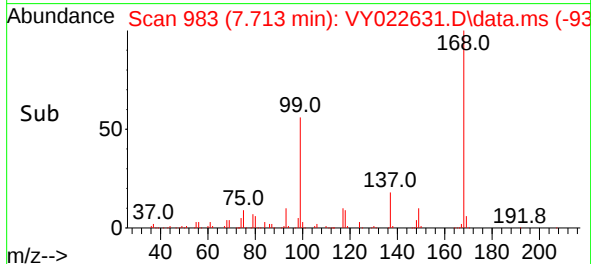
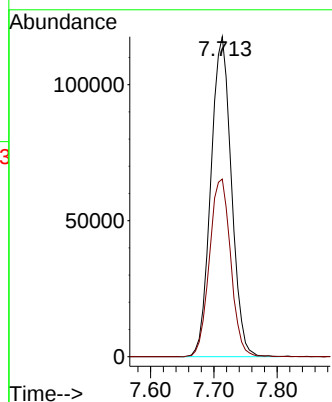
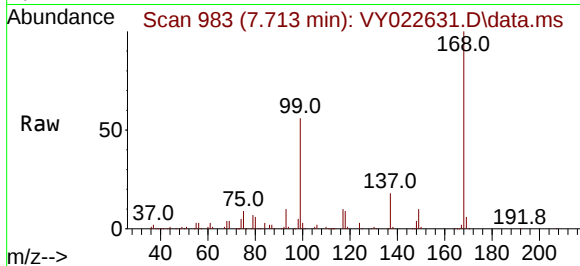




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022631.D
Acq: 09 Jun 2025 15:33

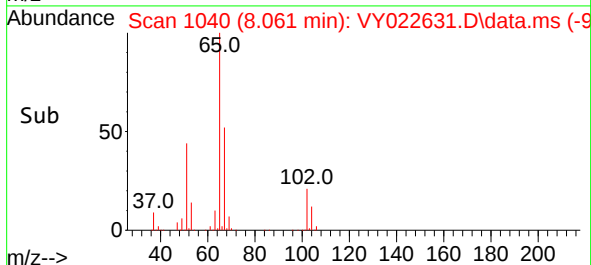
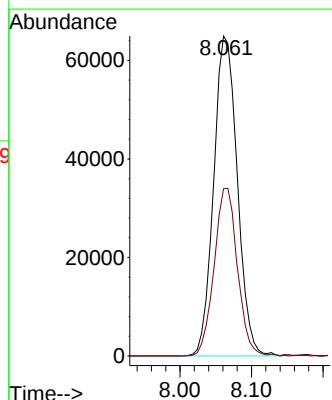
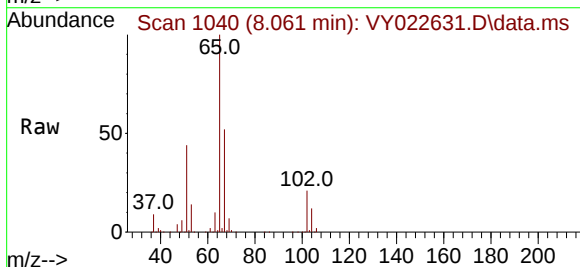
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

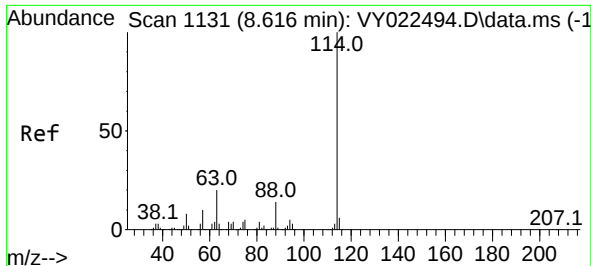
Tgt Ion:168 Resp: 265399
Ion Ratio Lower Upper
168 100
99 55.5 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 50.310 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022631.D
Acq: 09 Jun 2025 15:33

Tgt Ion: 65 Resp: 149338
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

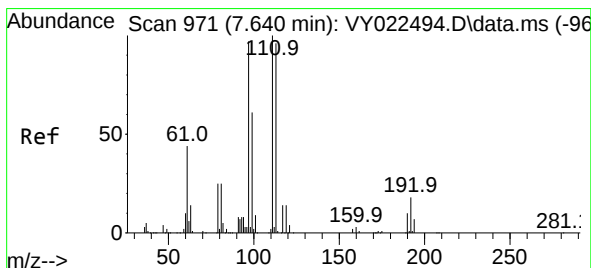
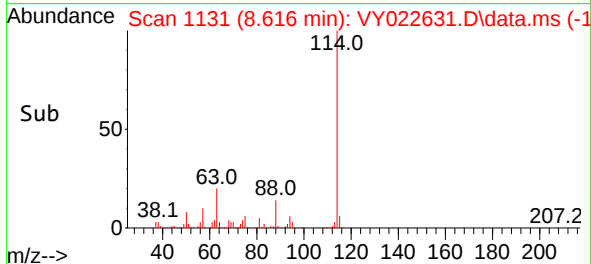
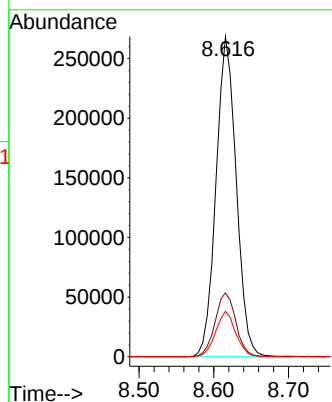
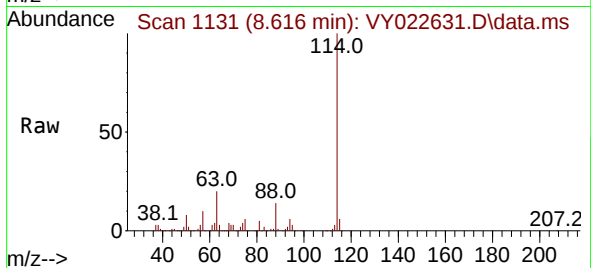




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022631.D
Acq: 09 Jun 2025 15:33

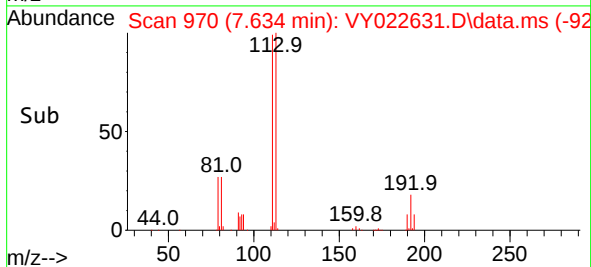
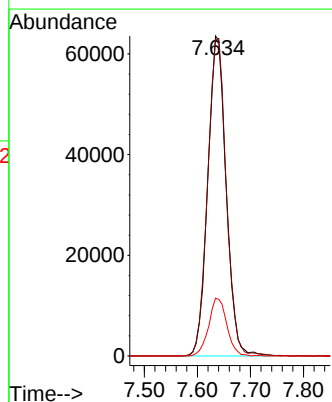
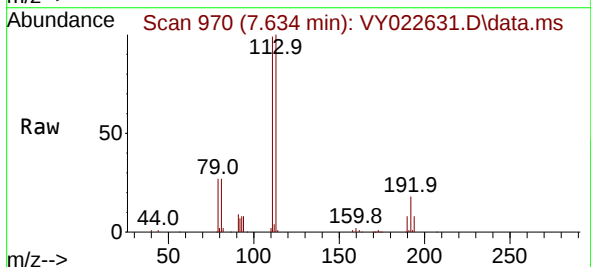
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

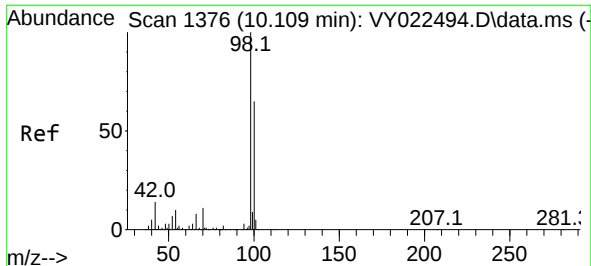
Tgt Ion:114 Resp: 504674
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 14.2 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.640 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022631.D
Acq: 09 Jun 2025 15:33

Tgt Ion:113 Resp: 152544
Ion Ratio Lower Upper
113 100
111 101.0 81.1 121.7
192 17.9 14.2 21.2

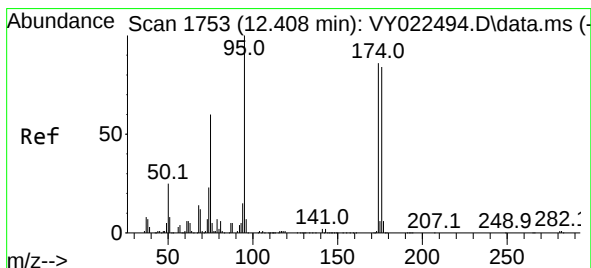
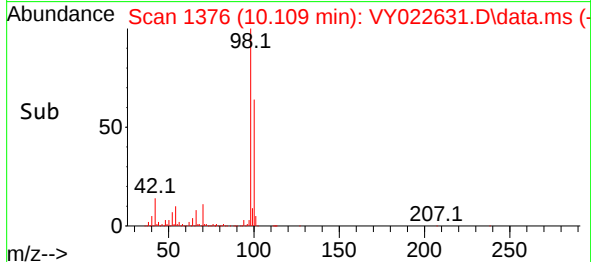
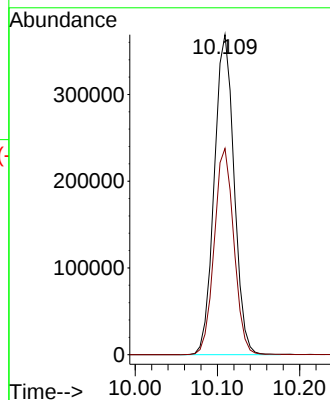
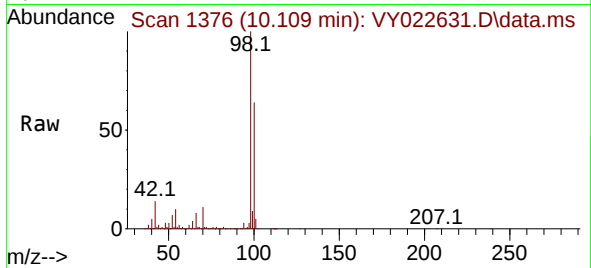




#50
Toluene-d8
Concen: 50.632 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022631.D
Acq: 09 Jun 2025 15:33

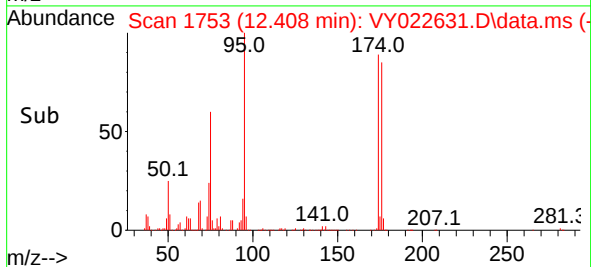
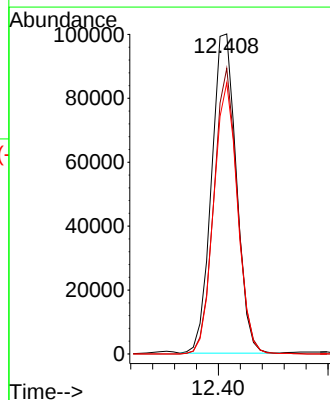
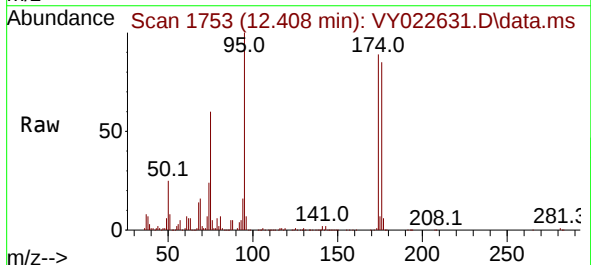
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

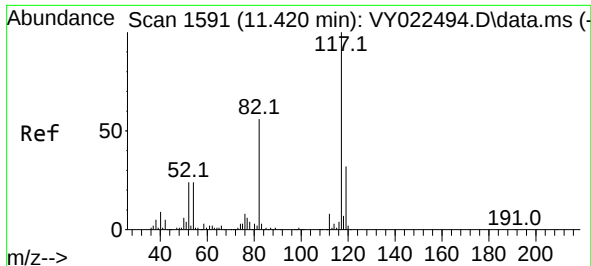
Tgt Ion: 98 Resp: 616274
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.351 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022631.D
Acq: 09 Jun 2025 15:33

Tgt Ion: 95 Resp: 157212
Ion Ratio Lower Upper
95 100
174 84.8 0.0 170.0
176 81.7 0.0 166.2

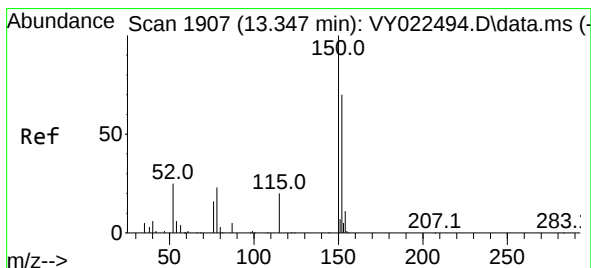
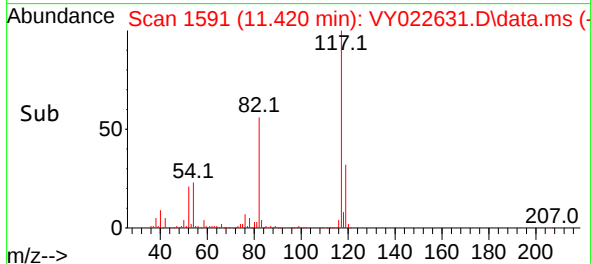
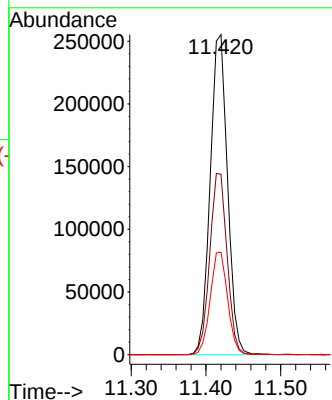
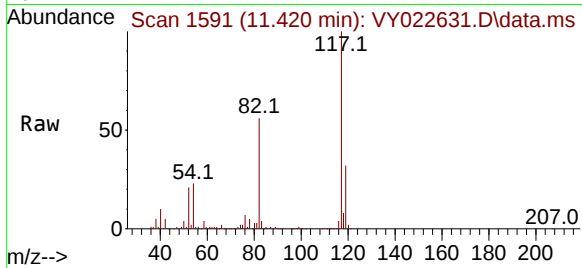




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022631.D
Acq: 09 Jun 2025 15:33

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

Tgt Ion:117 Resp: 411328
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 32.1 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: VY022631.D
Acq: 09 Jun 2025 15:33

Tgt Ion:152 Resp: 158216
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 157.5 0.0 349.6

