

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061025\
 Data File : VY022645.D
 Acq On : 10 Jun 2025 13:09
 Operator : SY/MD
 Sample : Q2273-07
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-6-VOC

Quant Time: Jun 11 01:50:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	251717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	460760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	370629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	130026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137580	48.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.740%
35) Dibromofluoromethane	7.640	113	137673	50.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.109	98	563398	50.700	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.402	95	131016	39.570	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.140%

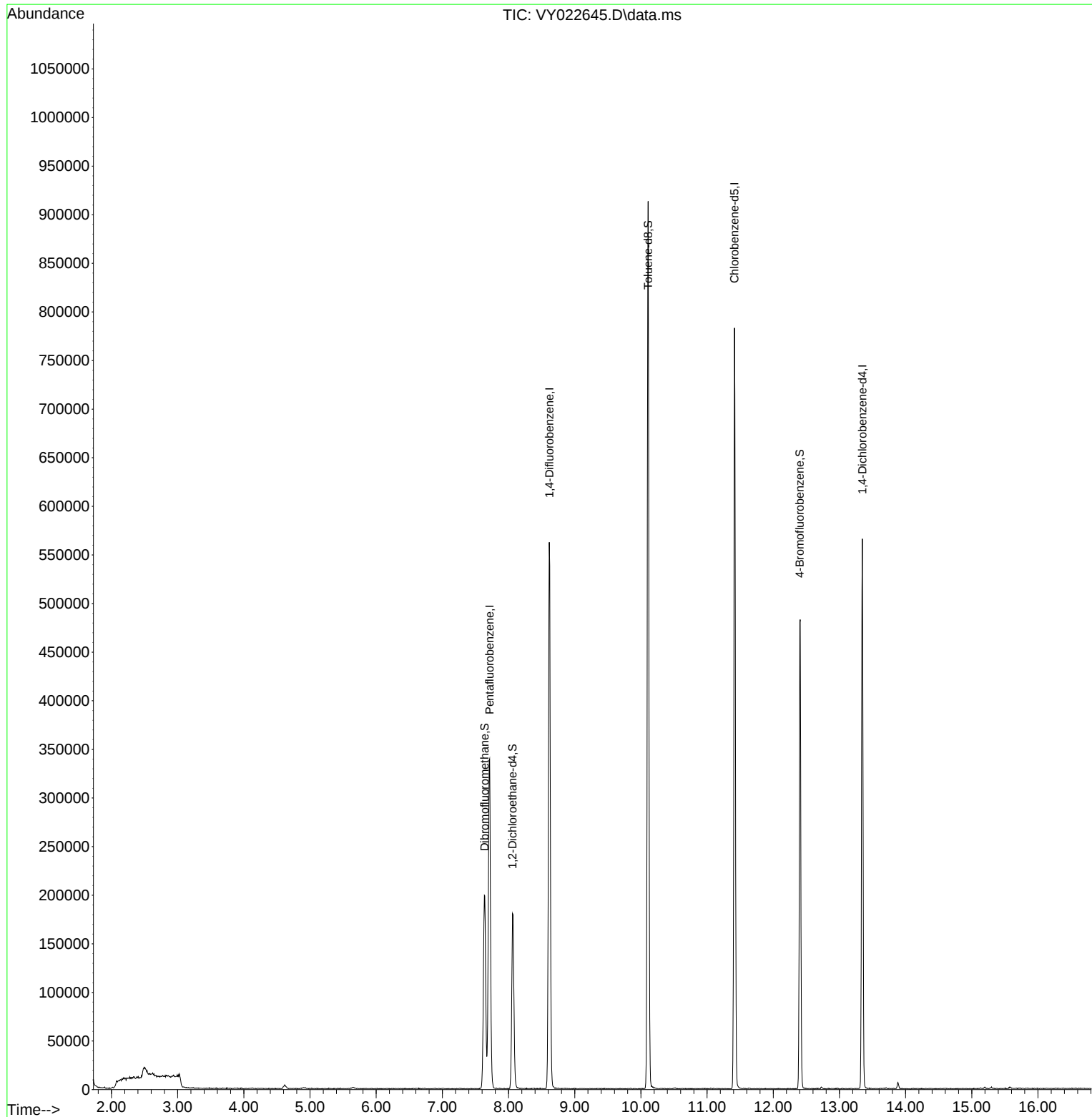
Target Compounds	Qvalue

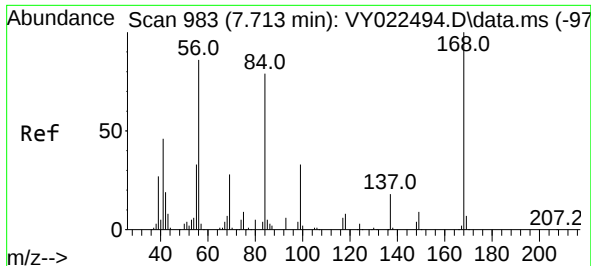
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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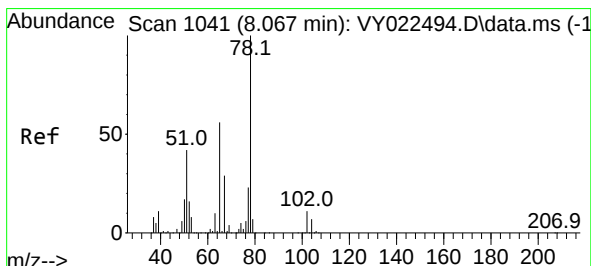
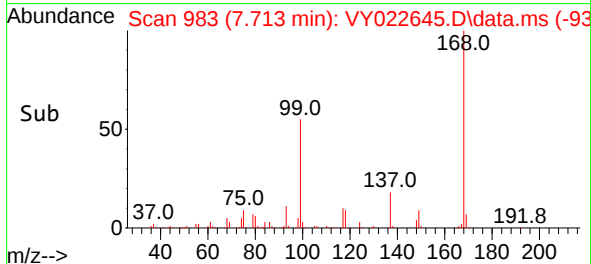
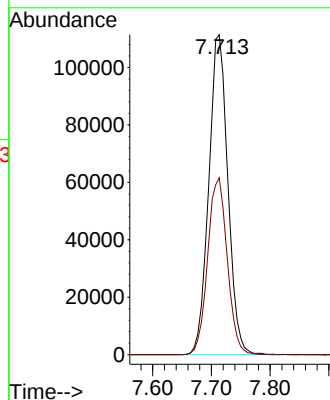
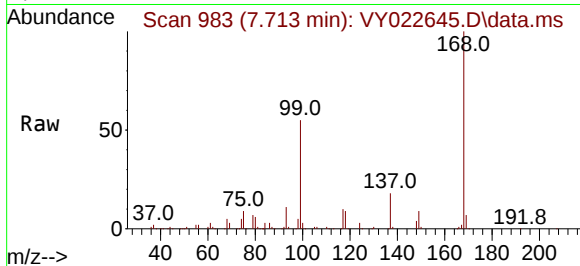




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022645.D
Acq: 10 Jun 2025 13:09

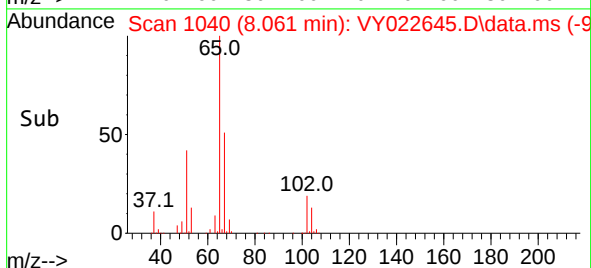
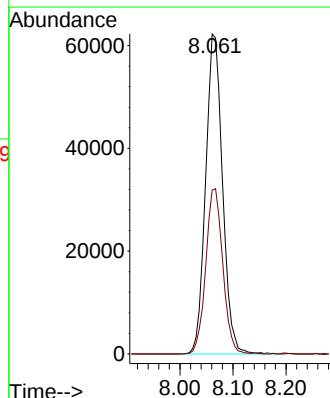
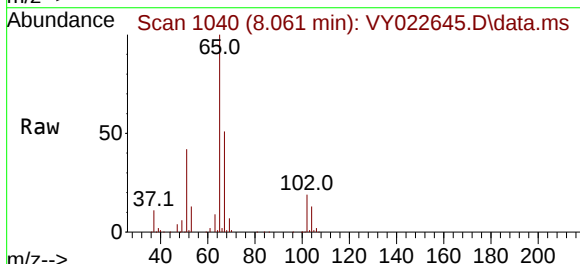
Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC

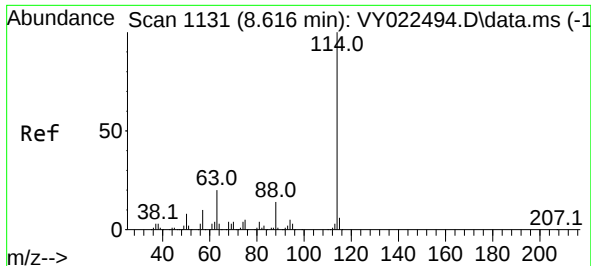
Tgt Ion:168 Resp: 251717
Ion Ratio Lower Upper
168 100
99 55.3 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 48.868 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022645.D
Acq: 10 Jun 2025 13:09

Tgt Ion: 65 Resp: 137580
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4

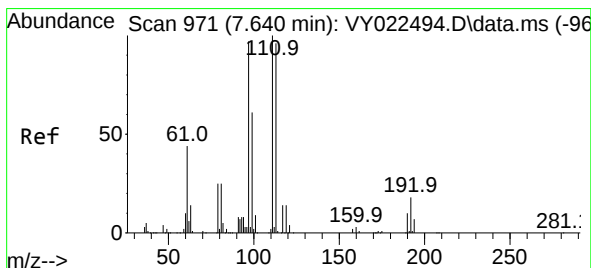
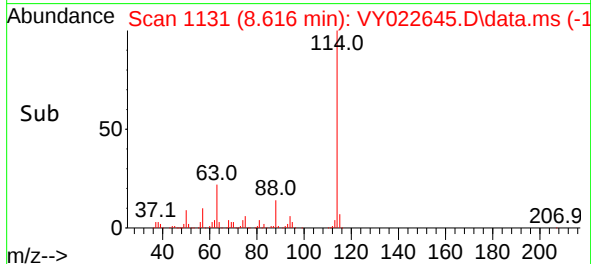
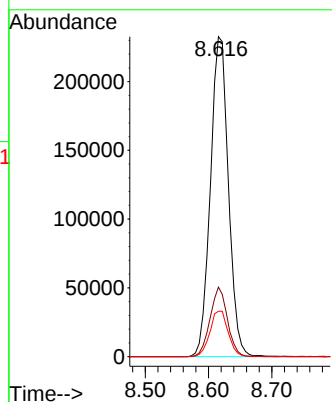
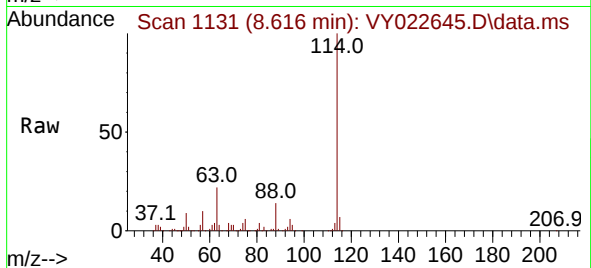




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022645.D
Acq: 10 Jun 2025 13:09

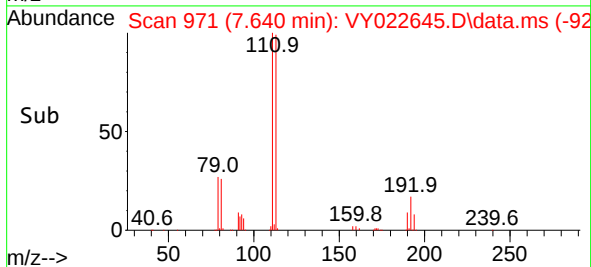
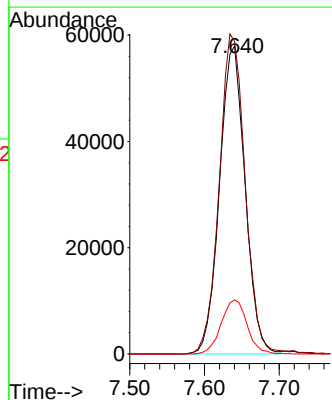
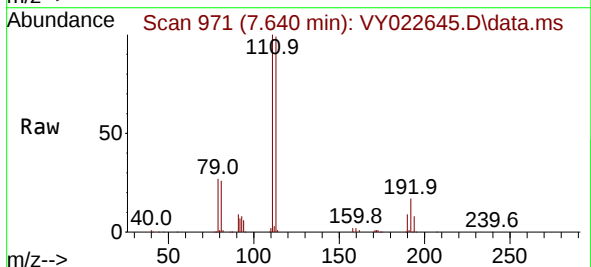
Instrument :
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ClientSampleId :
WC-6-VOC

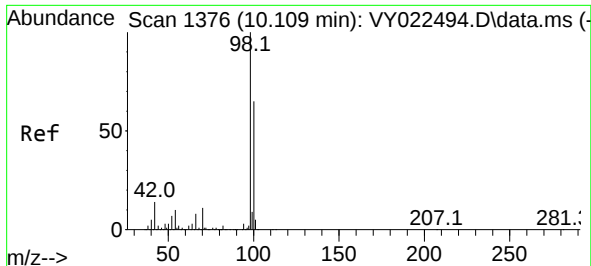
Tgt Ion:114 Resp: 460760
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 14.2 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.060 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022645.D
Acq: 10 Jun 2025 13:09

Tgt Ion:113 Resp: 137673
Ion Ratio Lower Upper
113 100
111 105.8 81.1 121.7
192 17.8 14.2 21.2

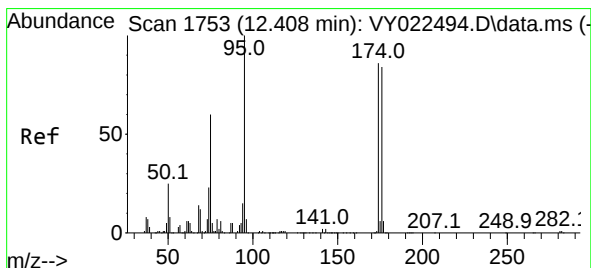
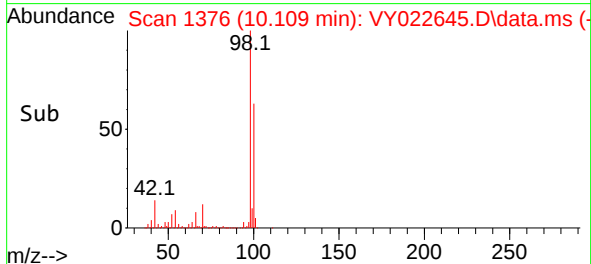
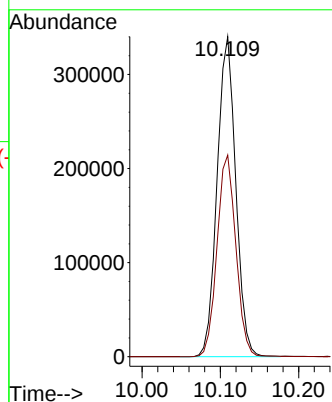
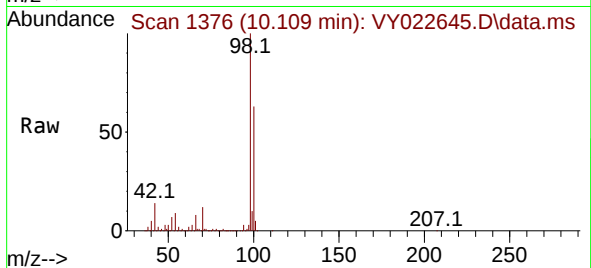




#50
Toluene-d8
Concen: 50.700 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022645.D
Acq: 10 Jun 2025 13:09

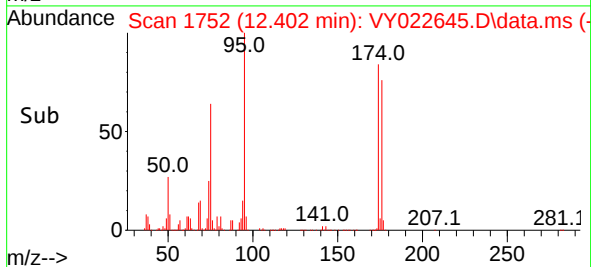
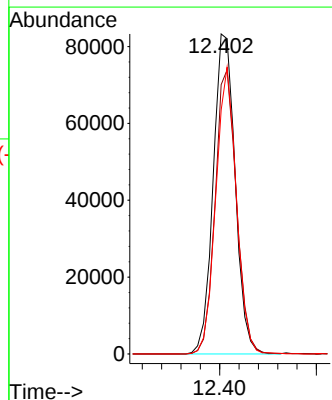
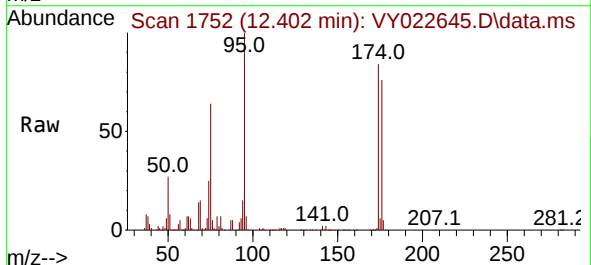
Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC

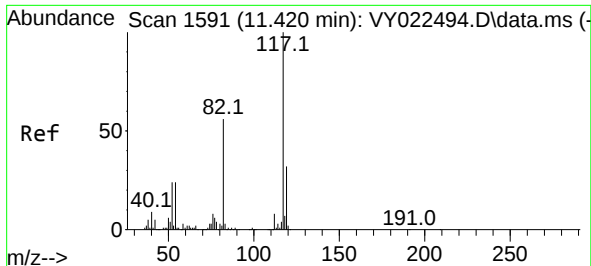
Tgt Ion: 98 Resp: 563398
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.570 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022645.D
Acq: 10 Jun 2025 13:09

Tgt Ion: 95 Resp: 131016
Ion Ratio Lower Upper
95 100
174 86.3 0.0 170.0
176 84.2 0.0 166.2

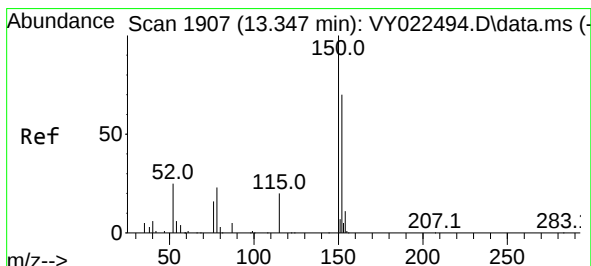
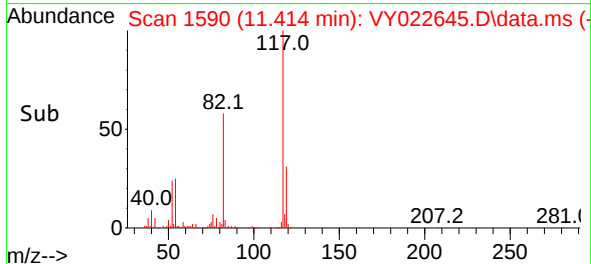
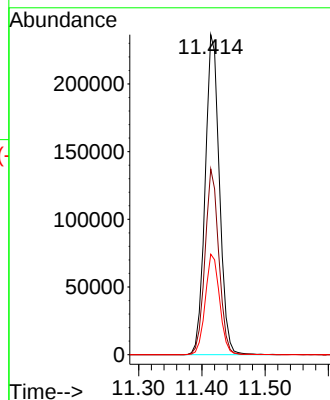
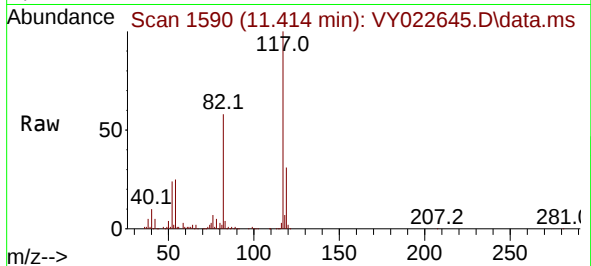




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY022645.D
Acq: 10 Jun 2025 13:09

Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC

Tgt Ion:117 Resp: 370629
Ion Ratio Lower Upper
117 100
82 58.0 44.6 66.8
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022645.D
Acq: 10 Jun 2025 13:09

Tgt Ion:152 Resp: 130026
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 157.0 0.0 349.6

