

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022907.D
 Acq On : 02 Jul 2025 13:12
 Operator : SY/MD
 Sample : Q2469-03
 Misc : 3.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Jul 03 02:20:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	324359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	618159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	601268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	253979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	174189	48.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.240%
35) Dibromofluoromethane	7.634	113	190158	50.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.109	98	758539	50.849	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.408	95	259125	54.035	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.060%

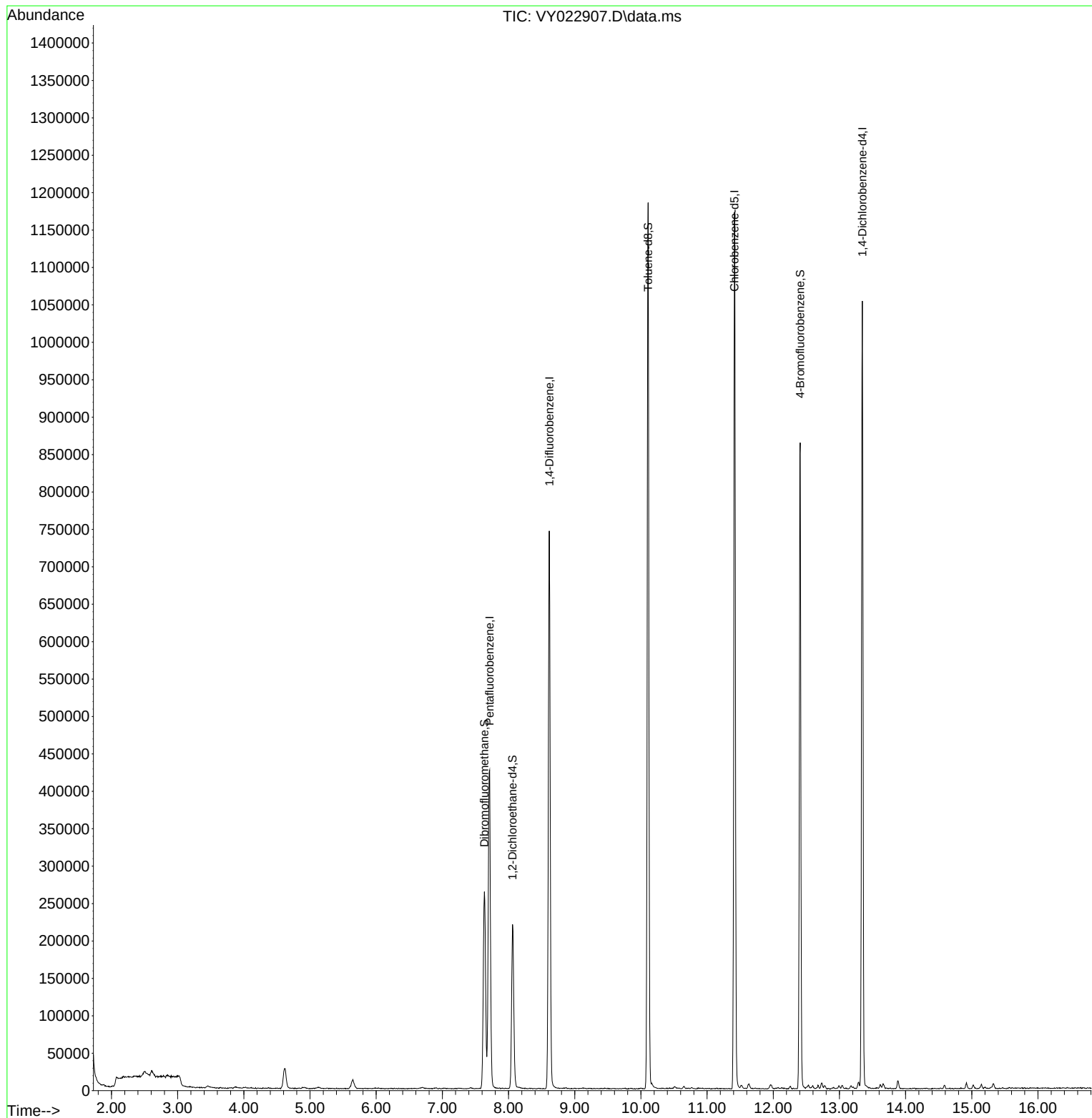
Target Compounds	Qvalue

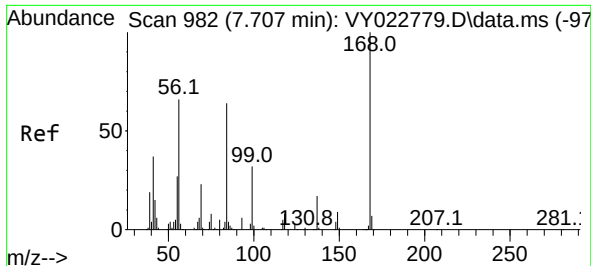
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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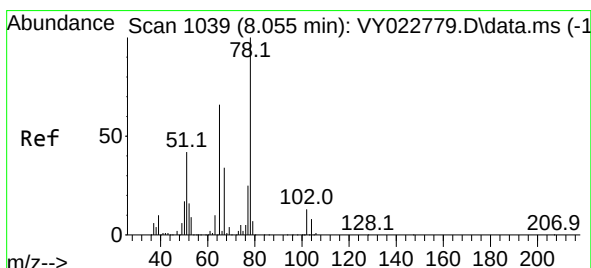
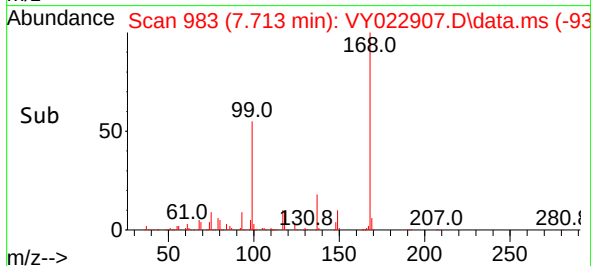
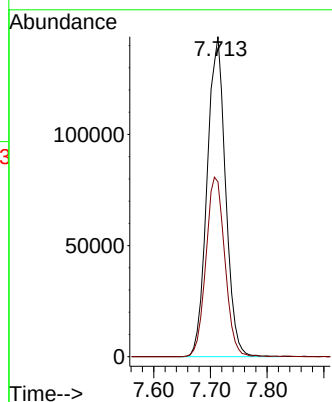
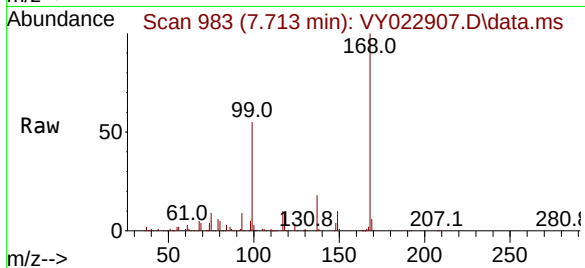




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022907.D
Acq: 02 Jul 2025 13:12

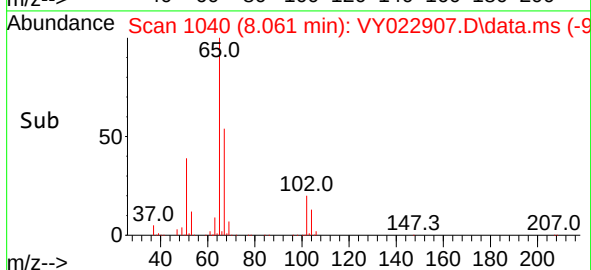
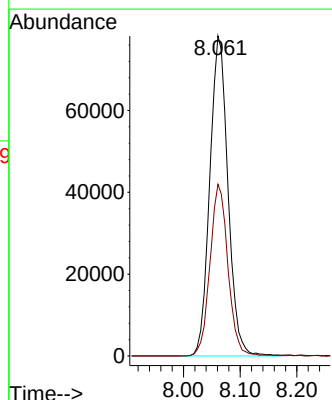
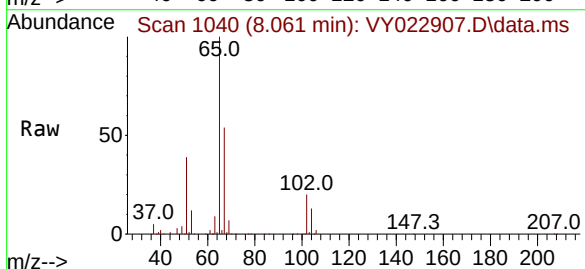
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

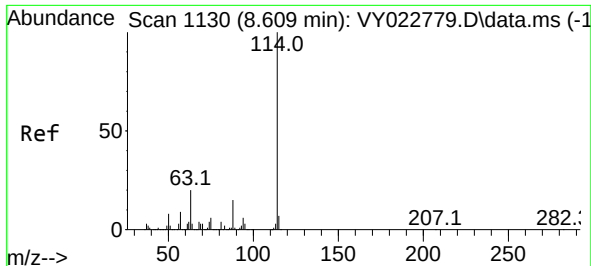
Tgt Ion:168 Resp: 324359
Ion Ratio Lower Upper
168 100
99 54.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 48.116 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022907.D
Acq: 02 Jul 2025 13:12

Tgt Ion: 65 Resp: 174189
Ion Ratio Lower Upper
65 100
67 53.1 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: VY022907.D

Acq: 02 Jul 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC

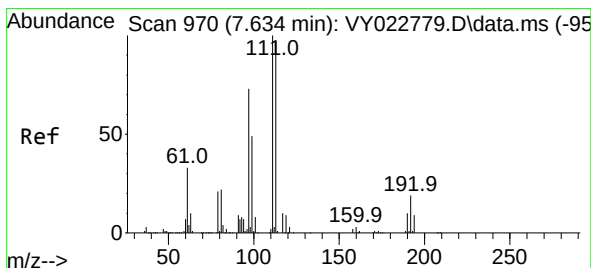
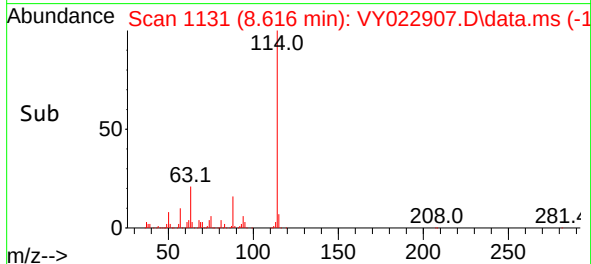
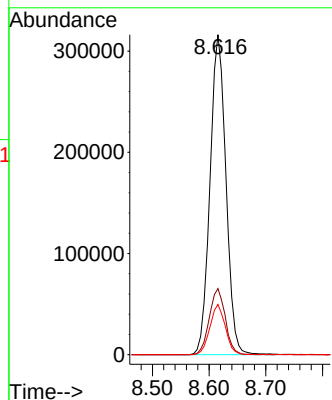
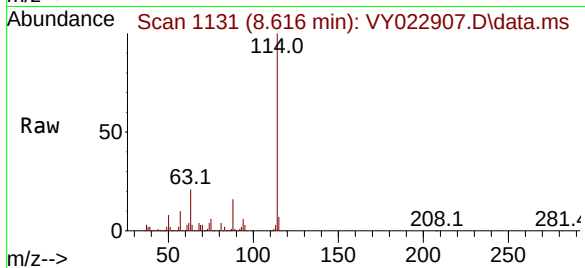
Tgt Ion:114 Resp: 618159

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.7 0.0 27.8



#35

Dibromofluoromethane

Concen: 50.583 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY022907.D

Acq: 02 Jul 2025 13:12

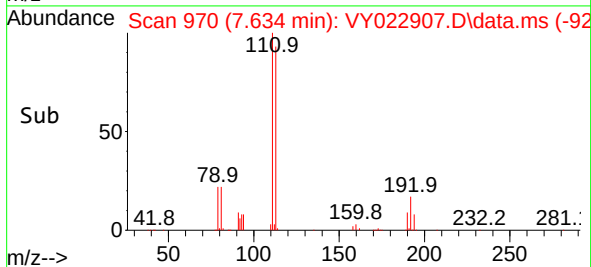
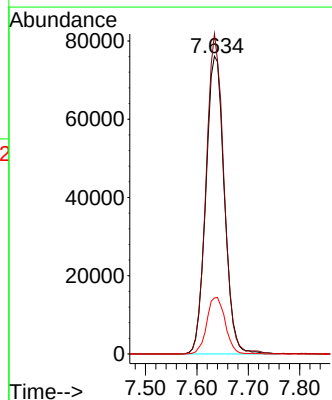
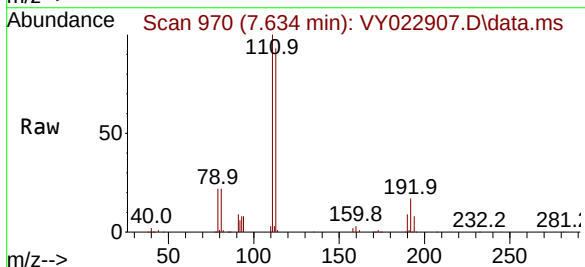
Tgt Ion:113 Resp: 190158

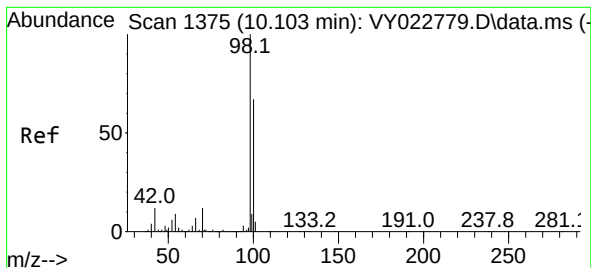
Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

192 19.0 14.2 21.2

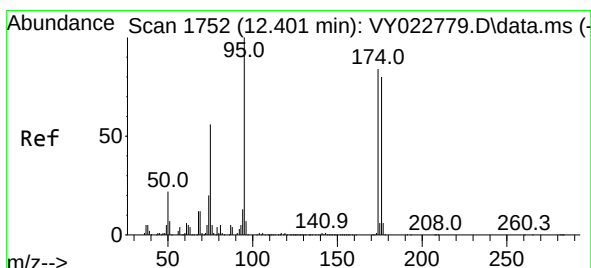
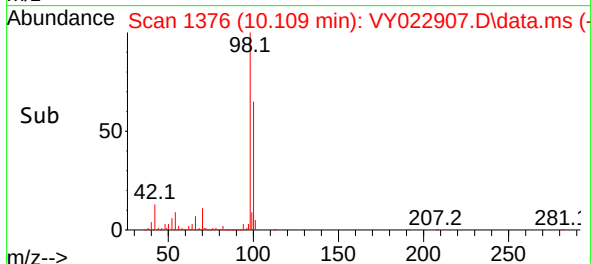
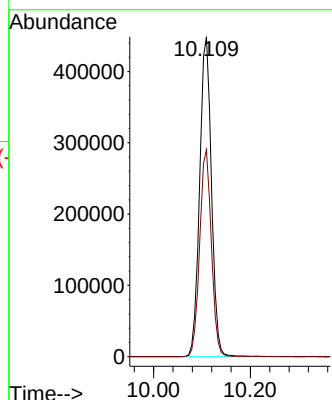
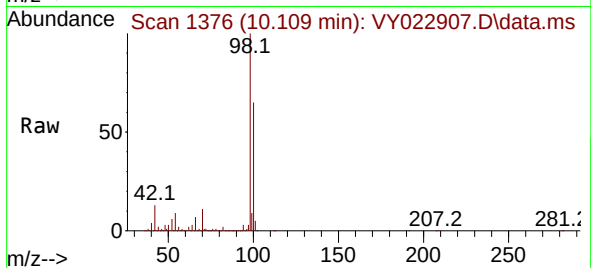




#50
Toluene-d8
Concen: 50.849 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022907.D
Acq: 02 Jul 2025 13:12

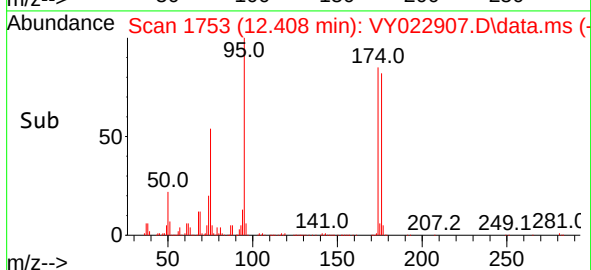
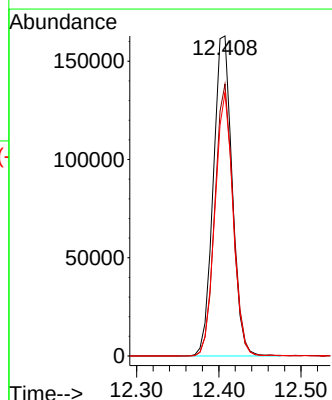
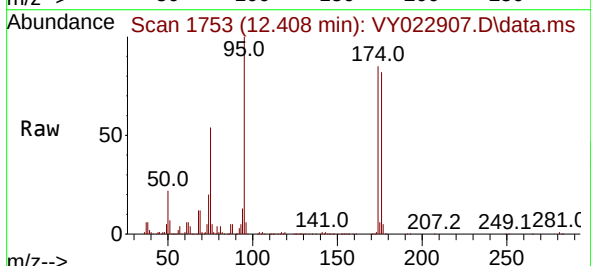
Instrument :
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ClientSampleId :
WC-1-VOC

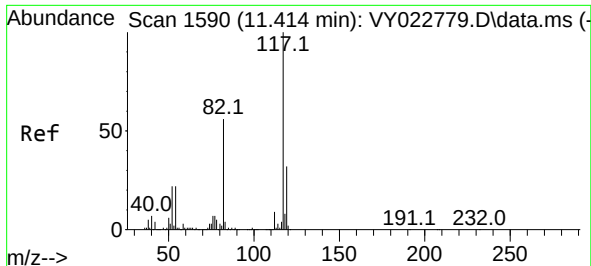
Tgt Ion: 98 Resp: 758539
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 54.035 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022907.D
Acq: 02 Jul 2025 13:12

Tgt Ion: 95 Resp: 259125
Ion Ratio Lower Upper
95 100
174 82.4 0.0 170.0
176 79.2 0.0 166.2

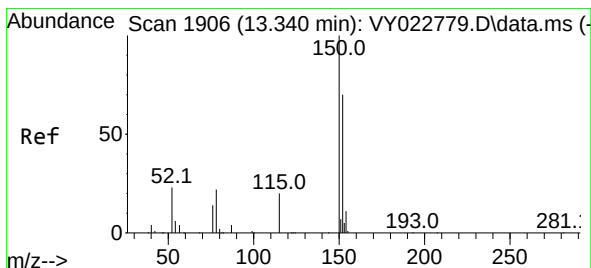
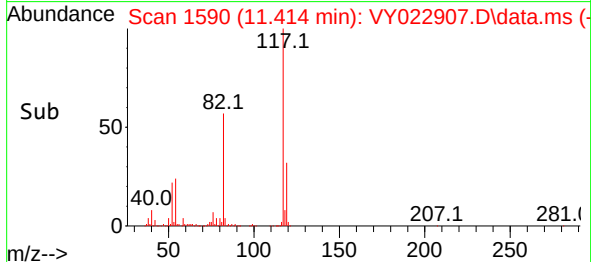
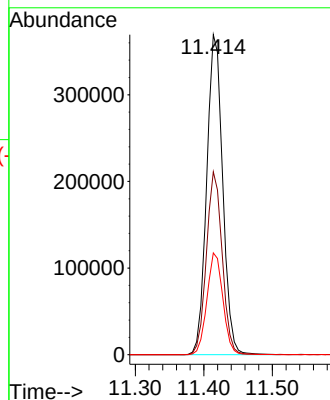
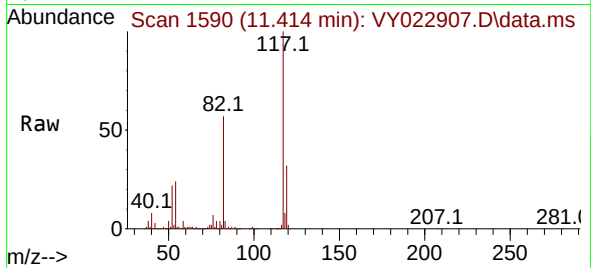




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022907.D
Acq: 02 Jul 2025 13:12

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

Tgt Ion:117 Resp: 601268
Ion Ratio Lower Upper
117 100
82 57.2 44.6 66.8
119 31.8 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: VY022907.D
Acq: 02 Jul 2025 13:12

Tgt Ion:152 Resp: 253979
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.7
150 157.1 0.0 349.6

