

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021947.D
 Acq On : 21 Apr 2025 14:44
 Operator : SY/MD
 Sample : Q1842-38
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-714-VOC-14

Quant Time: Apr 22 02:45:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	202864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	378989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	333390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127027	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118596	53.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.920%
35) Dibromofluoromethane	7.634	113	129118	52.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.040%
50) Toluene-d8	10.109	98	459454	49.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.408	95	129571	40.958	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.920%

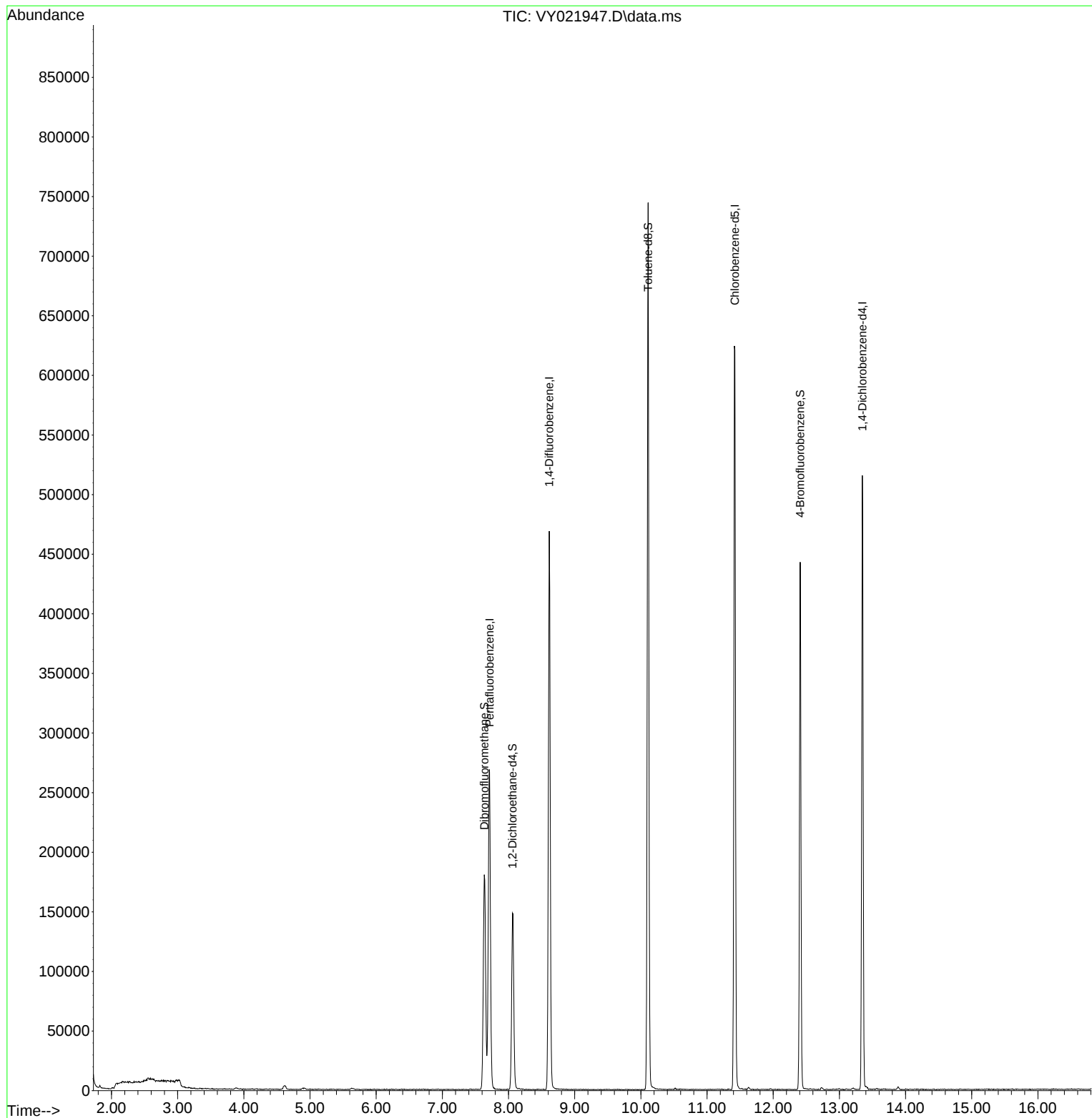
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021947.D
Acq On : 21 Apr 2025 14:44
Operator : SY/MD
Sample : Q1842-38
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-714-VOC-14

Quant Time: Apr 22 02:45:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

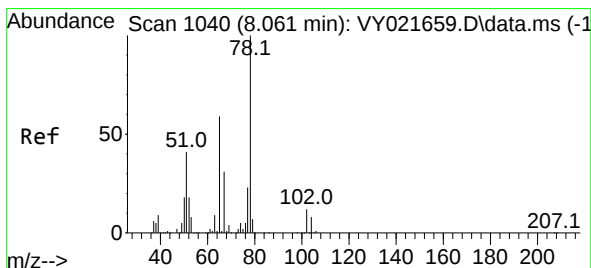
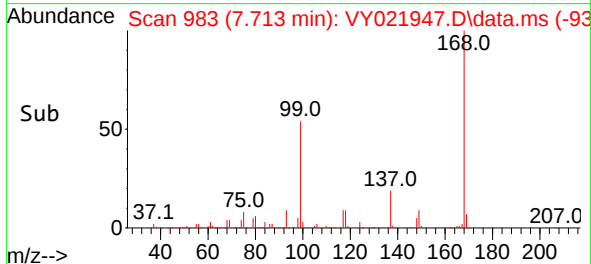
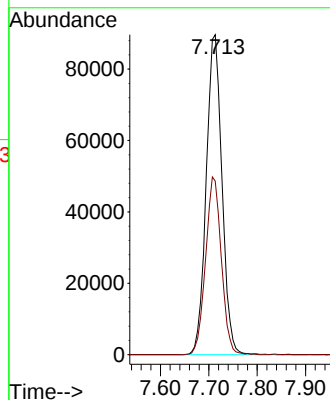
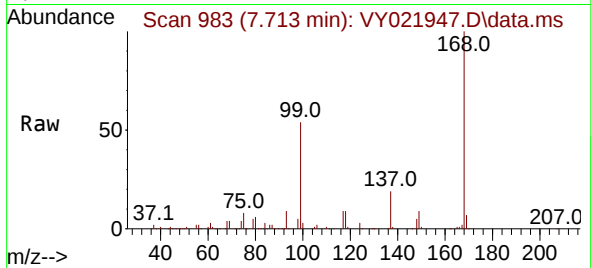




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021947.D
Acq: 21 Apr 2025 14:44

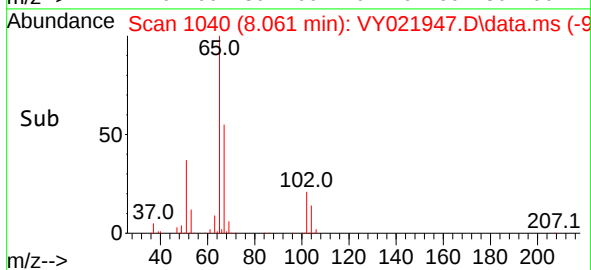
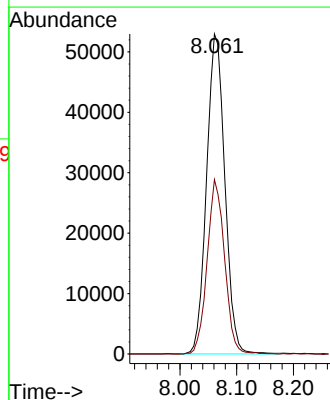
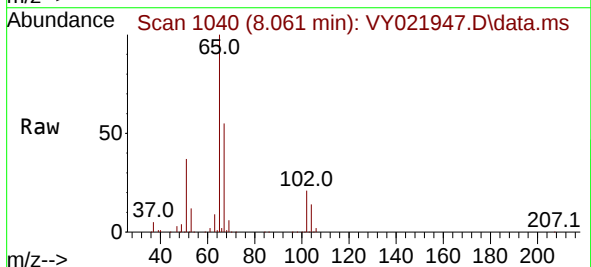
Instrument :
MSVOA_Y
ClientSampleId :
PL-714-VOC-14

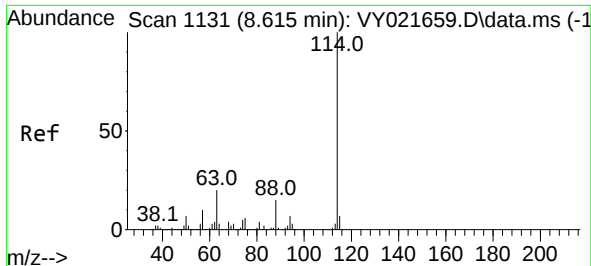
Tgt Ion:168 Resp: 202864
Ion Ratio Lower Upper
168 100
99 54.2 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 53.957 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021947.D
Acq: 21 Apr 2025 14:44

Tgt Ion: 65 Resp: 118596
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021947.D

Acq: 21 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

PL-714-VOC-14

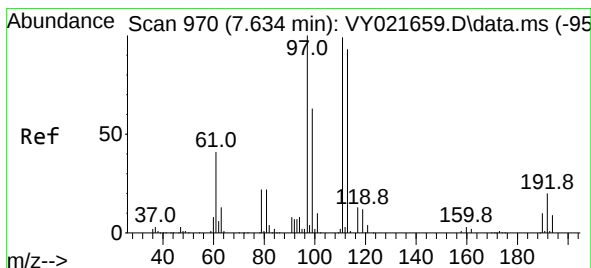
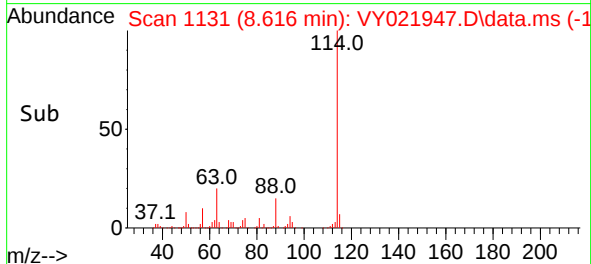
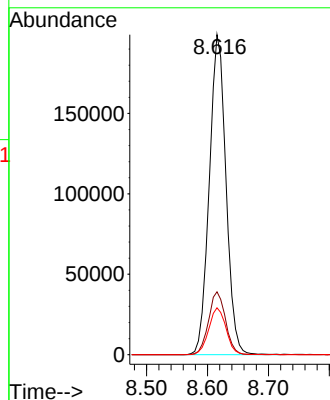
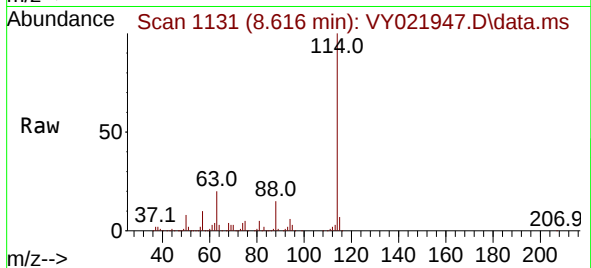
Tgt Ion:114 Resp: 378989

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 14.6 0.0 29.8



#35

Dibromofluoromethane

Concen: 52.520 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021947.D

Acq: 21 Apr 2025 14:44

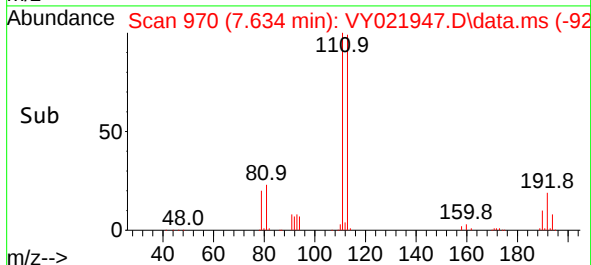
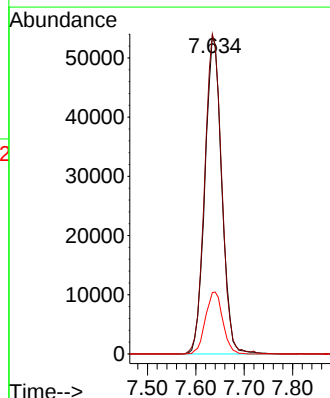
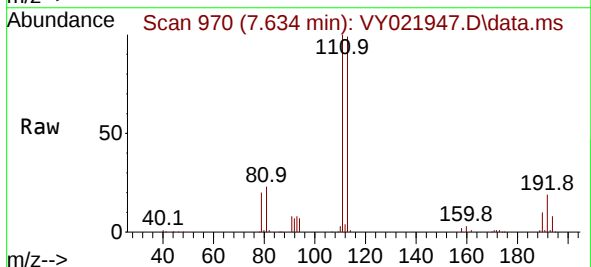
Tgt Ion:113 Resp: 129118

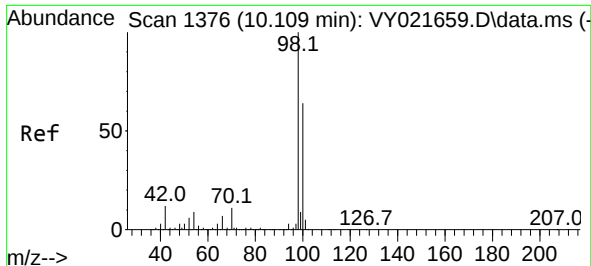
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 20.2 16.2 24.4

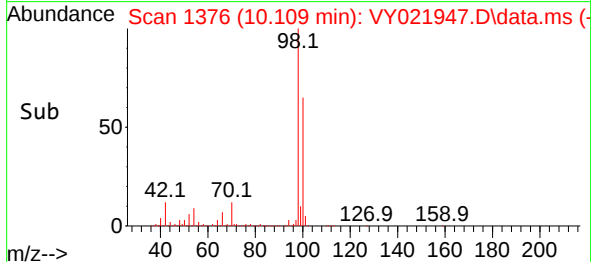
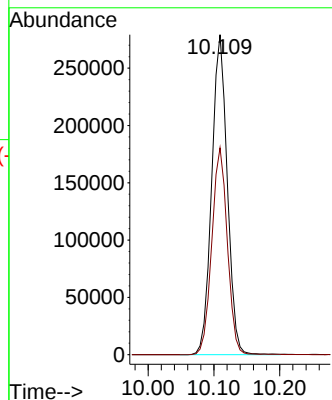
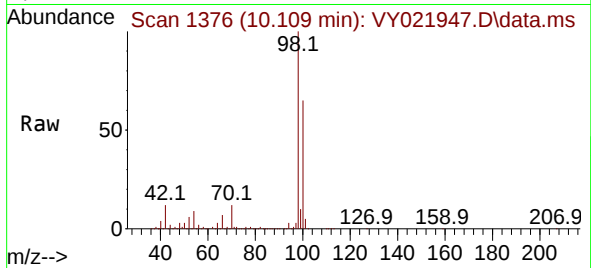




#50
Toluene-d8
Concen: 49.126 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021947.D
Acq: 21 Apr 2025 14:44

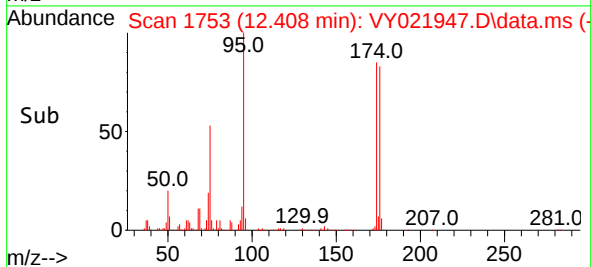
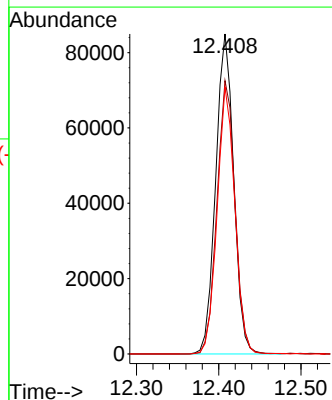
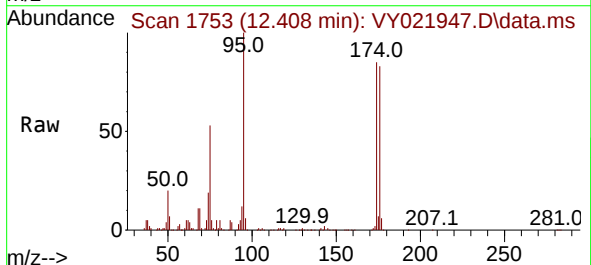
Instrument :
MSVOA_Y
ClientSampleId :
PL-714-VOC-14

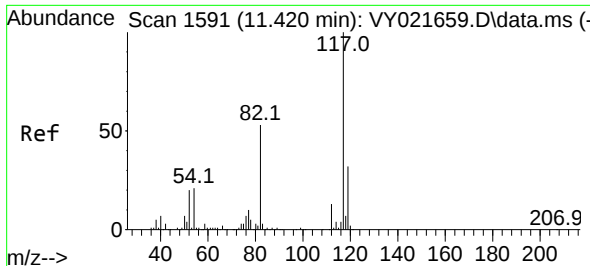
Tgt Ion: 98 Resp: 459454
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.958 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021947.D
Acq: 21 Apr 2025 14:44

Tgt Ion: 95 Resp: 129571
Ion Ratio Lower Upper
95 100
174 86.1 0.0 170.8
176 81.7 0.0 162.0

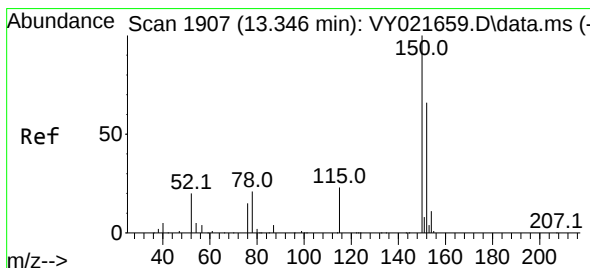
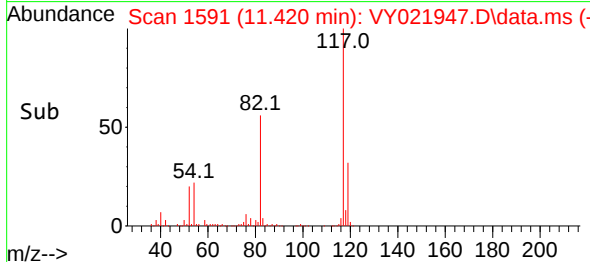
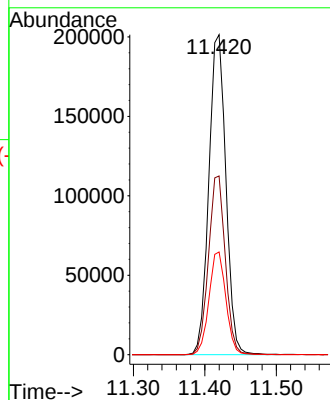
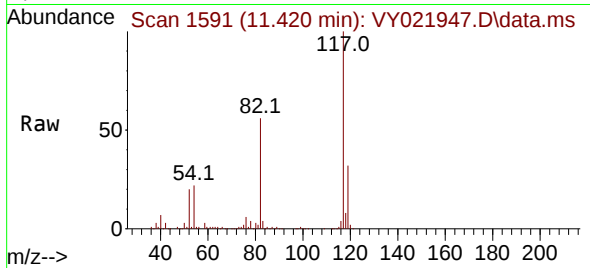




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY021947.D
Acq: 21 Apr 2025 14:44

Instrument :
MSVOA_Y
ClientSampleId :
PL-714-VOC-14

Tgt Ion:117 Resp: 333390
Ion Ratio Lower Upper
117 100
82 55.9 42.8 64.2
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021947.D
Acq: 21 Apr 2025 14:44

Tgt Ion:152 Resp: 127027
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 155.7 0.0 348.4

