

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021276.D
 Acq On : 21 Feb 2025 11:12
 Operator : SY/MD
 Sample : VY0221SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBL01

Quant Time: Feb 21 23:04:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	172979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	332665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	302645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	107899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	100137	56.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.000%
35) Dibromofluoromethane	7.646	113	107788	50.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.120%
50) Toluene-d8	10.115	98	411879	50.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.414	95	121264	45.732	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.460%

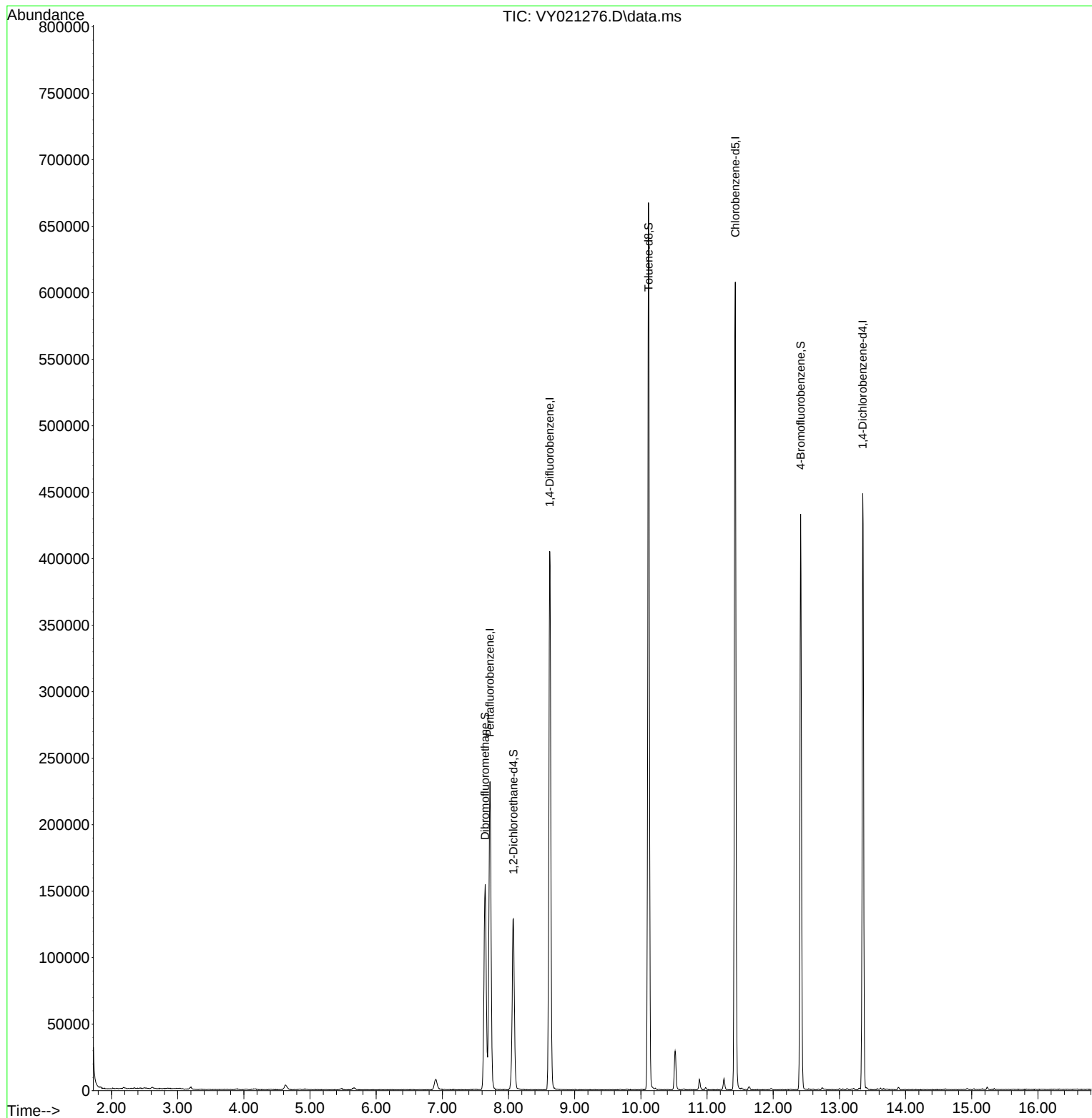
Target Compounds	Qvalue

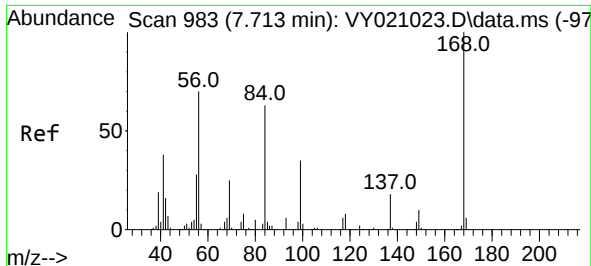
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021276.D
Acq On : 21 Feb 2025 11:12
Operator : SY/MD
Sample : VY0221SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

Quant Time: Feb 21 23:04:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

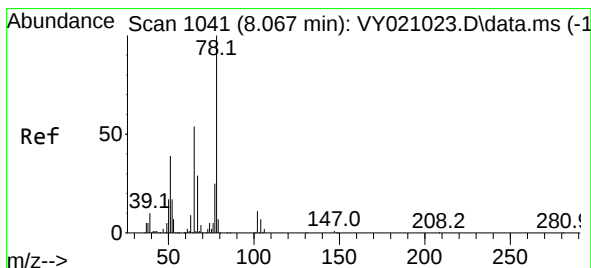
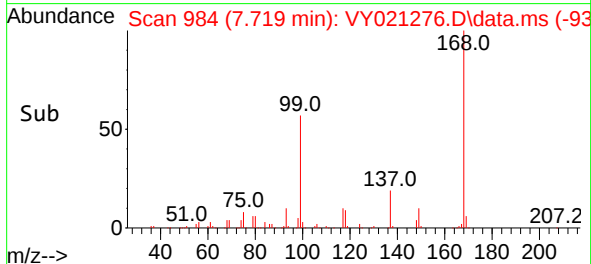
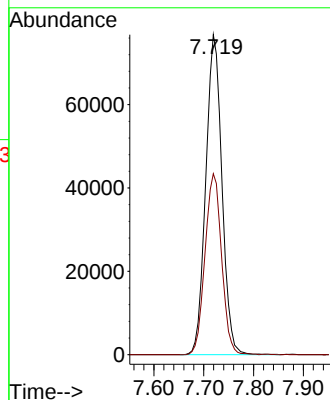
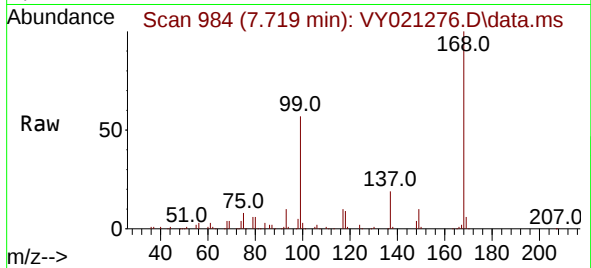




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

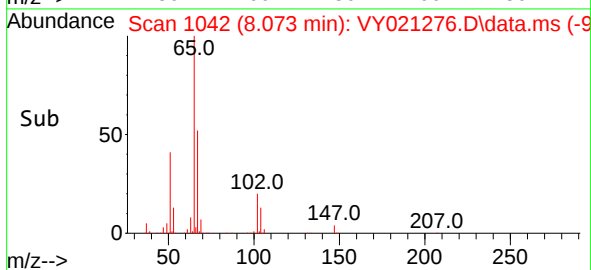
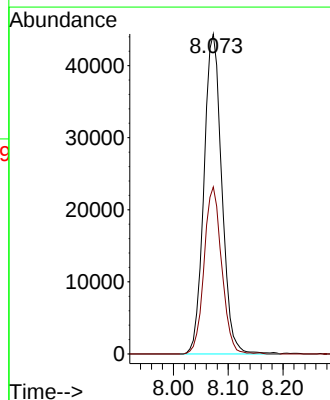
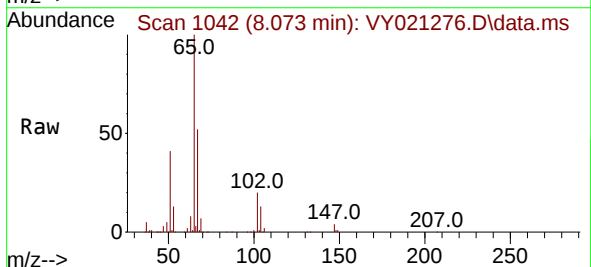
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

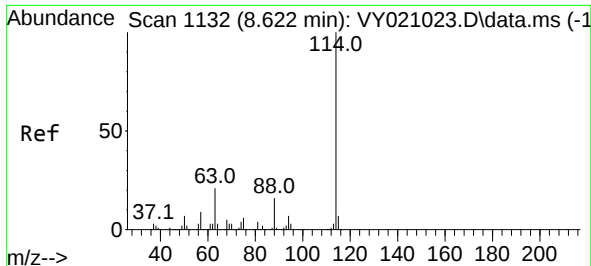
Tgt Ion:168 Resp: 172979
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.501 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Tgt Ion: 65 Resp: 100137
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0

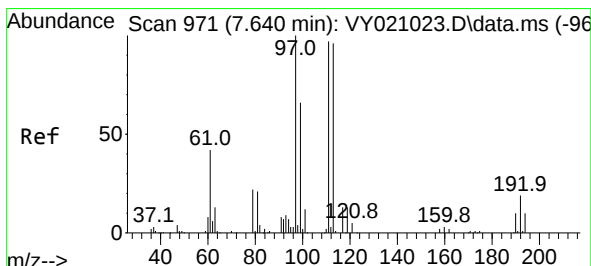
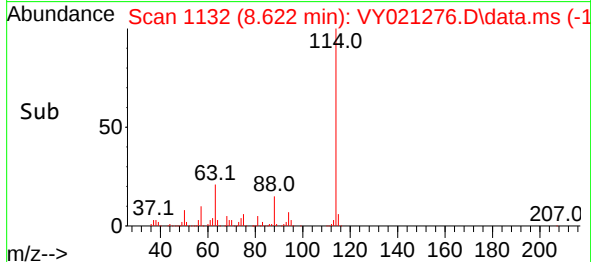
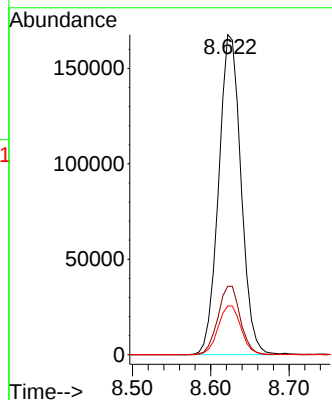
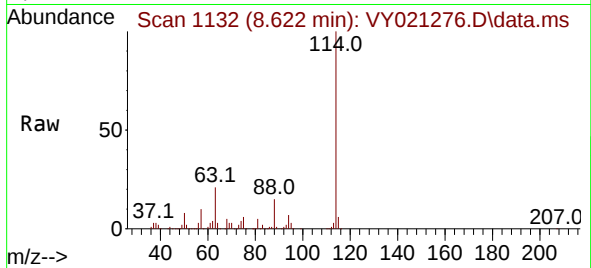




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VY021276.D
 Acq: 21 Feb 2025 11:12

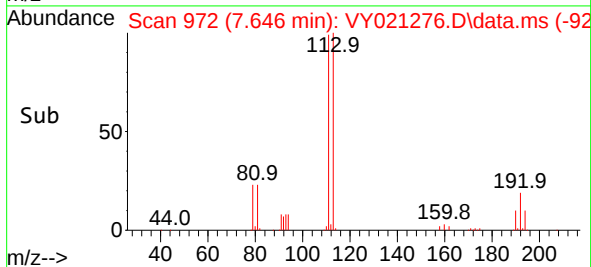
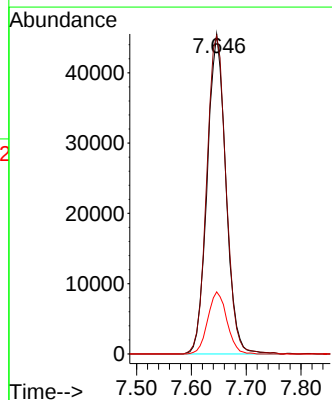
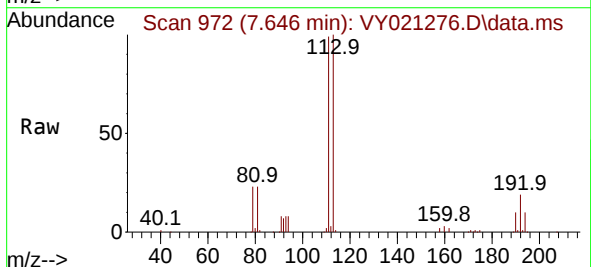
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBL01

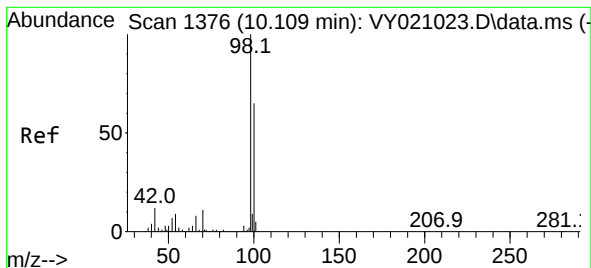
Tgt Ion:114 Resp: 332665
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 37.4
 88 15.2 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 50.559 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.006 min
 Lab File: VY021276.D
 Acq: 21 Feb 2025 11:12

Tgt Ion:113 Resp: 107788
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.8 125.6
 192 19.8 14.5 21.7





#50

Toluene-d8

Concen: 50.746 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021276.D

Acq: 21 Feb 2025 11:12

Instrument :

MSVOA_Y

ClientSampleId :

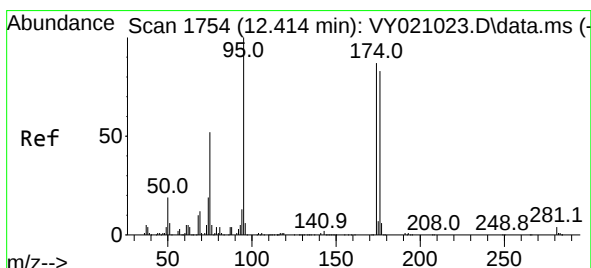
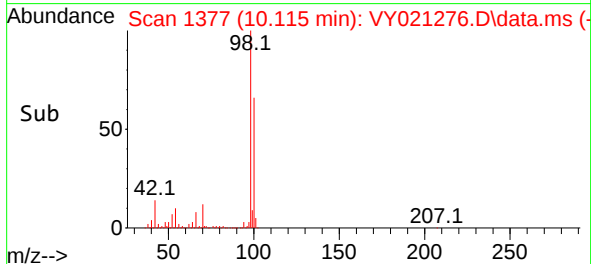
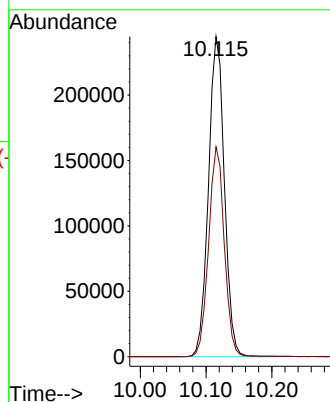
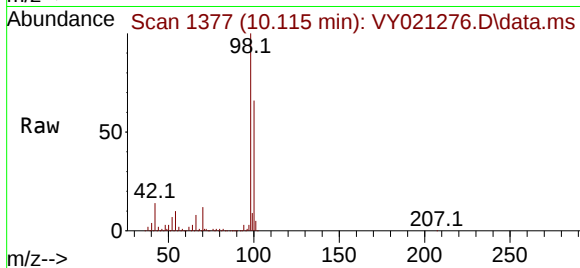
VY0221SBL01

Tgt Ion: 98 Resp: 411879

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.732 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021276.D

Acq: 21 Feb 2025 11:12

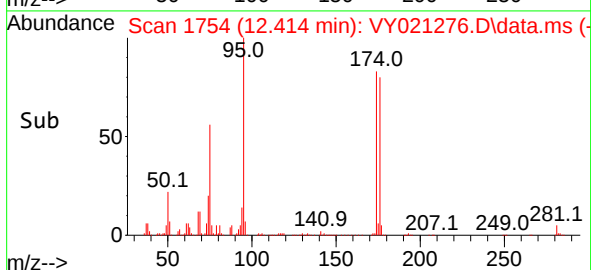
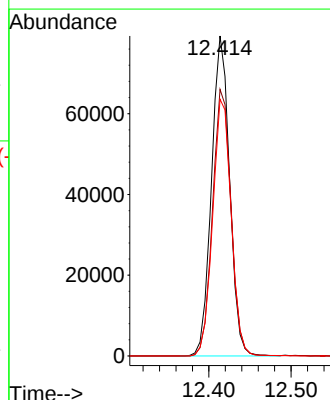
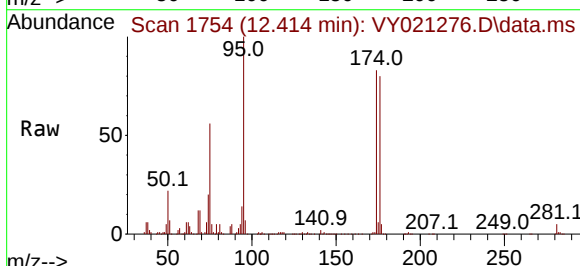
Tgt Ion: 95 Resp: 121264

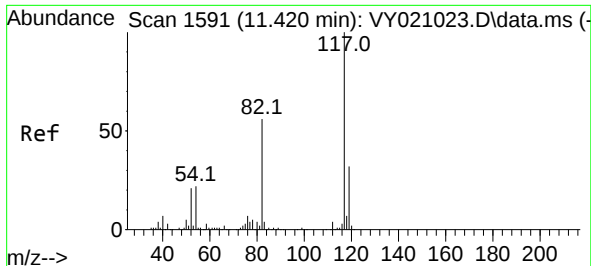
Ion Ratio Lower Upper

95 100

174 85.0 0.0 160.0

176 82.1 0.0 151.8

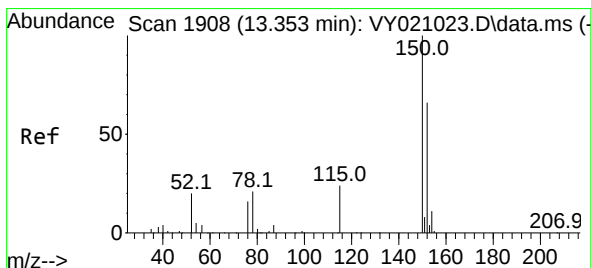
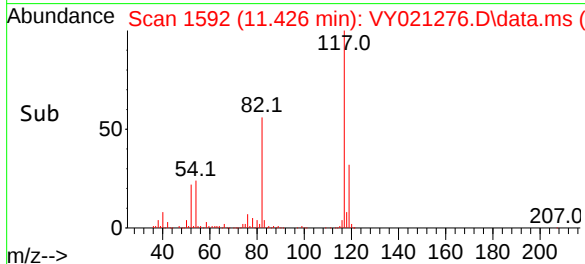
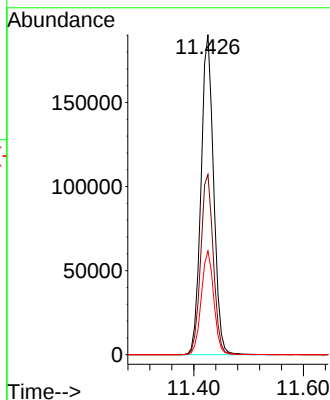
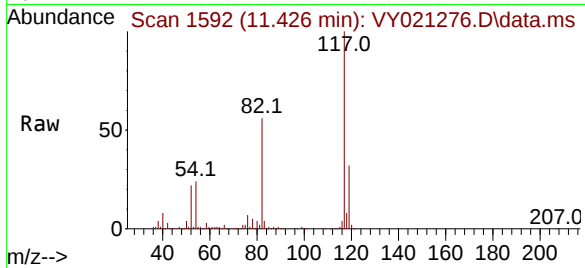




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

Tgt Ion:117 Resp: 302645
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 32.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Tgt Ion:152 Resp: 107899
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.0
150 158.8 0.0 344.6

