

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021205.D
 Acq On : 14 Feb 2025 12:40
 Operator : SY/MD
 Sample : Q1365-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-213

Quant Time: Feb 14 22:18:43 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	6643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	9045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	5819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	780	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	3088	45.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.740%
35) Dibromofluoromethane	7.640	113	3164	54.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.160%
50) Toluene-d8	10.115	98	10043	45.509	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.414	95	1410	19.557	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.120%

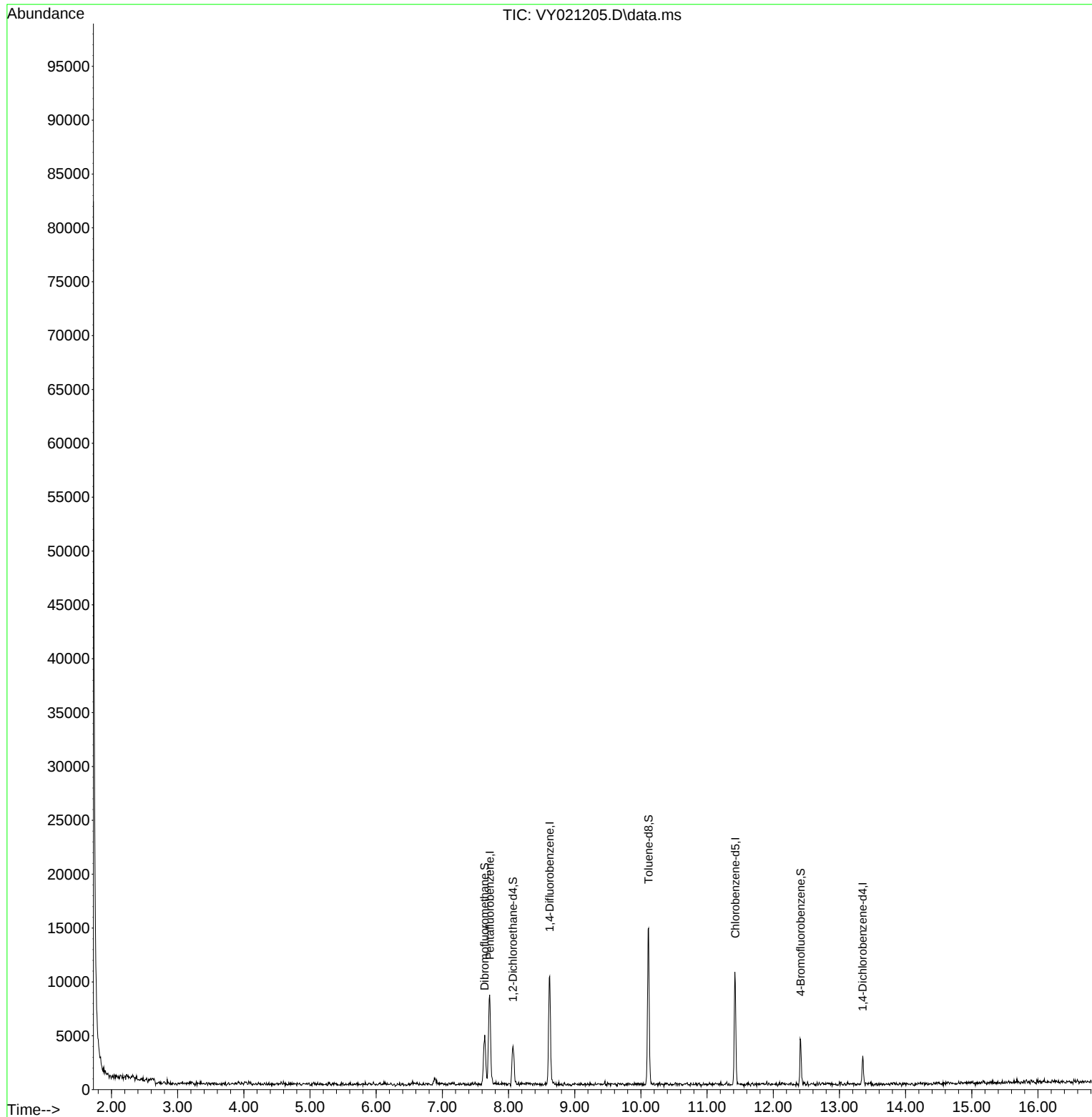
Target Compounds	Qvalue

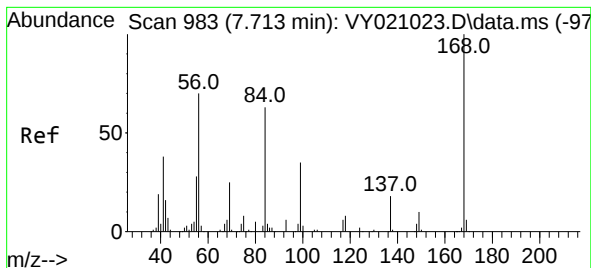
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
Data File : VY021205.D
Acq On : 14 Feb 2025 12:40
Operator : SY/MD
Sample : Q1365-04
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213

Quant Time: Feb 14 22:18:43 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# 9

Delta R.T. 0.006 min

Lab File: VY021205.D

Acq: 14 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

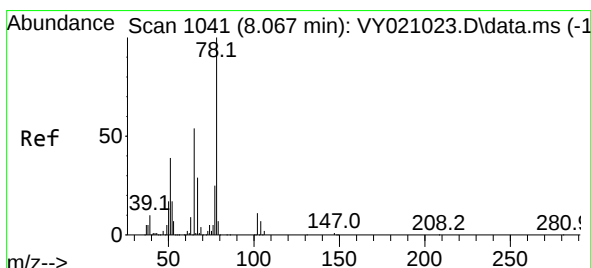
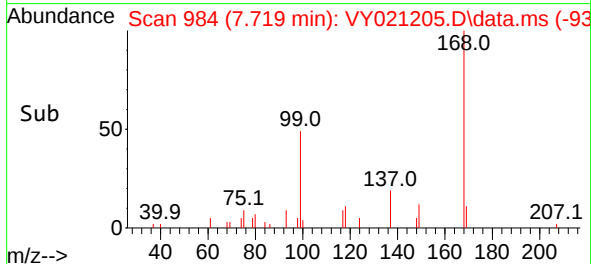
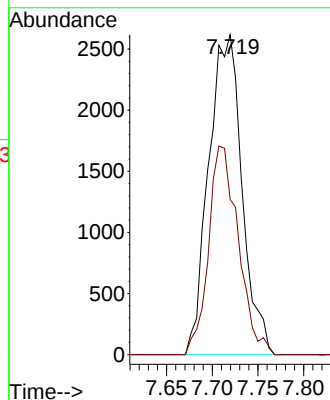
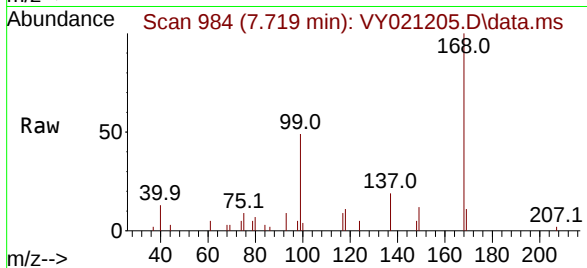
VNJ-213

Tgt Ion:168 Resp: 6643

Ion Ratio Lower Upper

168 100

99 48.5 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 45.370 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021205.D

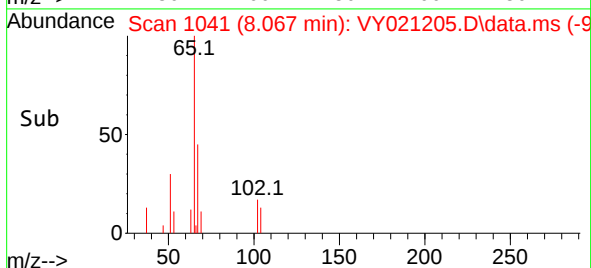
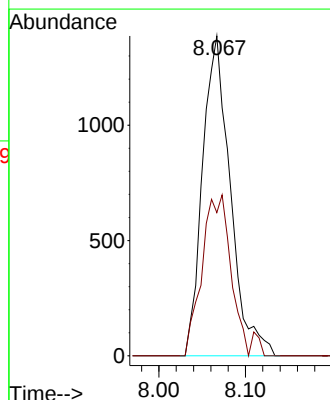
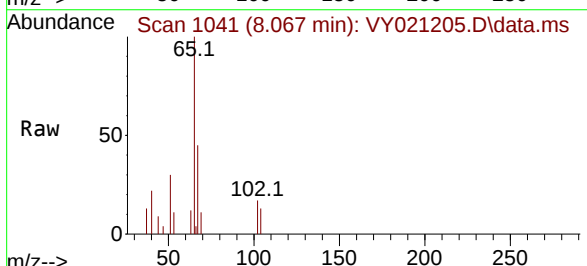
Acq: 14 Feb 2025 12:40

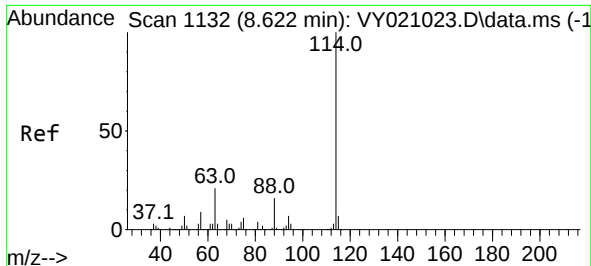
Tgt Ion: 65 Resp: 3088

Ion Ratio Lower Upper

65 100

67 51.8 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: VY021205.D

Acq: 14 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-213

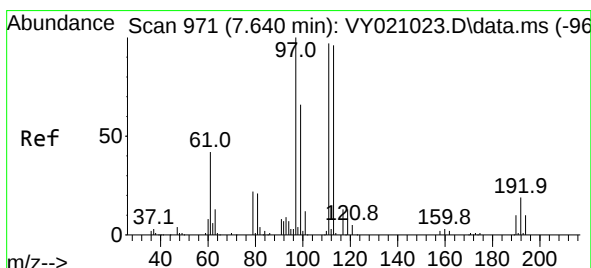
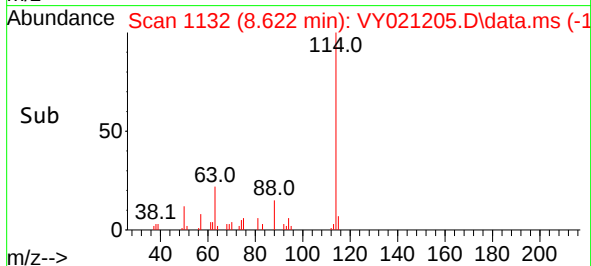
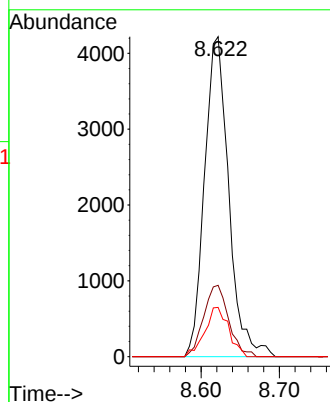
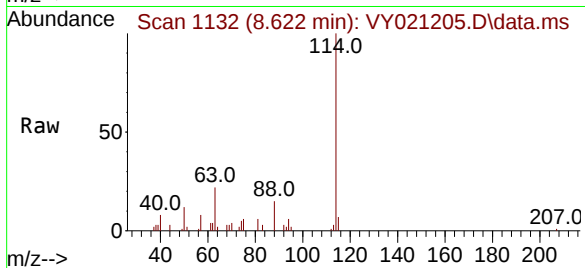
Tgt Ion:114 Resp: 9045

Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.4

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.583 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021205.D

Acq: 14 Feb 2025 12:40

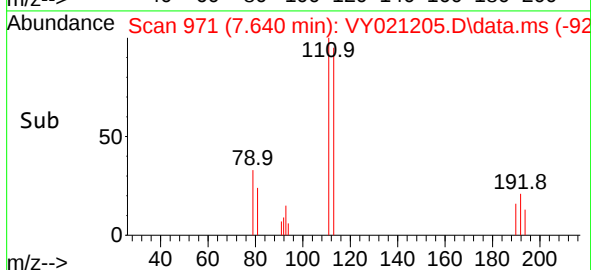
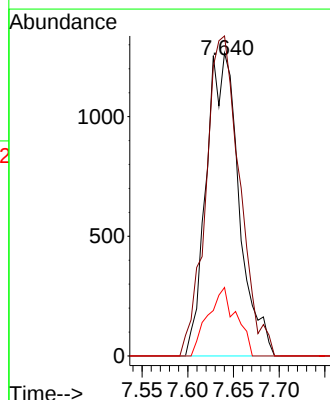
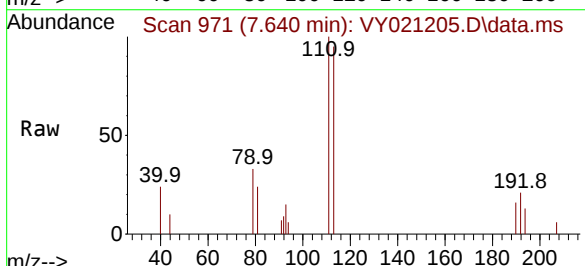
Tgt Ion:113 Resp: 3164

Ion Ratio Lower Upper

113 100

111 108.8 83.8 125.6

192 19.5 14.5 21.7

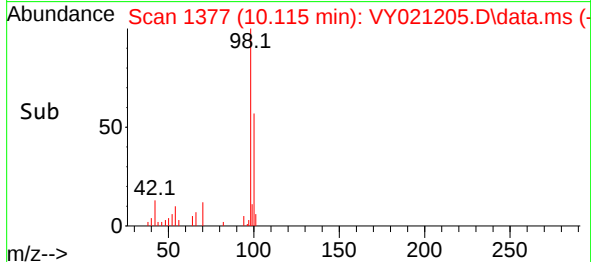
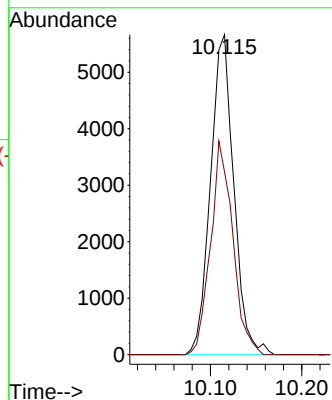
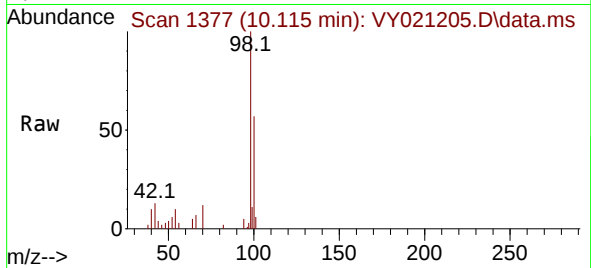




#50
Toluene-d8
Concen: 45.509 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021205.D
Acq: 14 Feb 2025 12:40

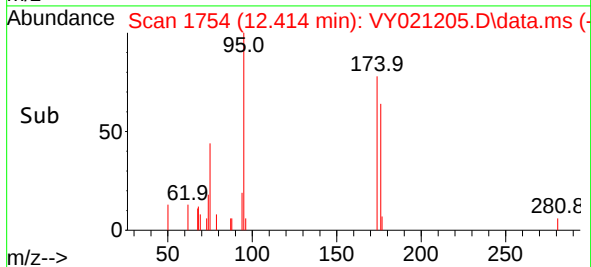
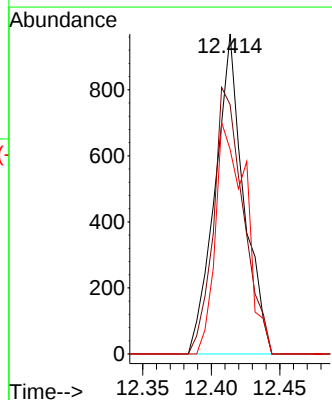
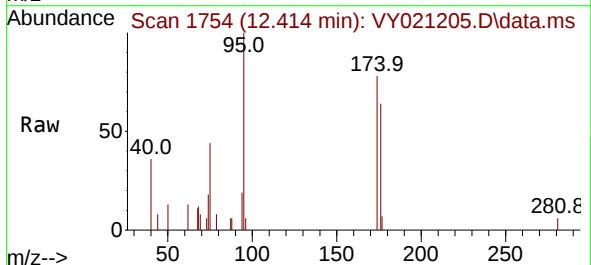
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213

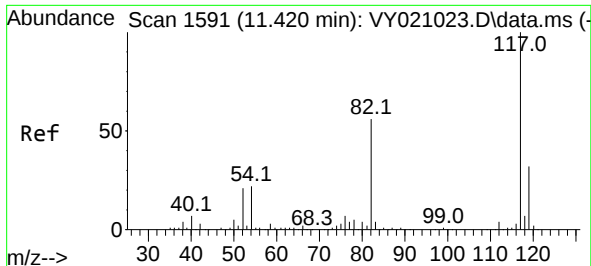
Tgt Ion: 98 Resp: 10043
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 19.557 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021205.D
Acq: 14 Feb 2025 12:40

Tgt Ion: 95 Resp: 1410
Ion Ratio Lower Upper
95 100
174 87.1 0.0 160.0
176 77.0 0.0 151.8

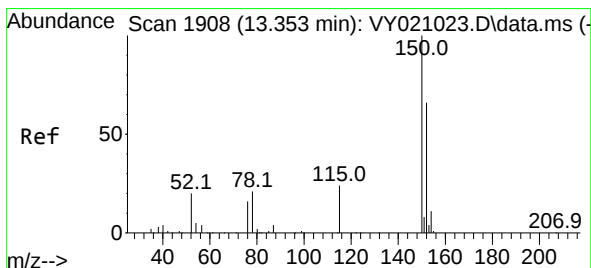
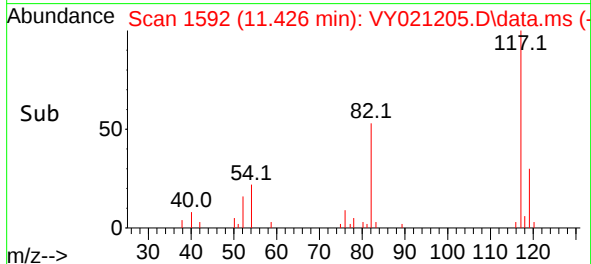
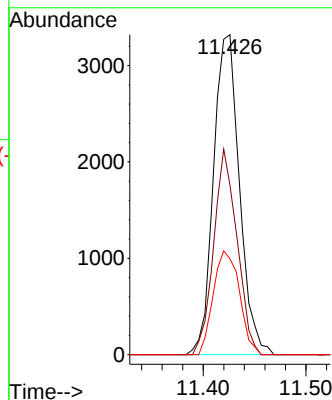
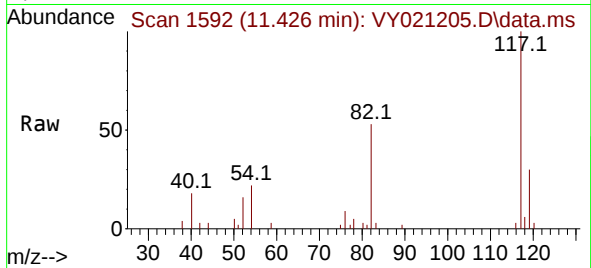




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021205.D
Acq: 14 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213

Tgt Ion:117 Resp: 5819
Ion Ratio Lower Upper
117 100
82 53.0 43.8 65.8
119 29.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021205.D
Acq: 14 Feb 2025 12:40

Tgt Ion:152 Resp: 780
Ion Ratio Lower Upper
152 100
115 55.3 30.0 90.0
150 159.7 0.0 344.6

