

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021285.D
 Acq On : 21 Feb 2025 15:00
 Operator : SY/MD
 Sample : Q1383-13
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-17-021725

Quant Time: Feb 21 23:08:21 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	169502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	329422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	311982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	121669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	106392	61.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.520%
35) Dibromofluoromethane	7.640	113	108800	51.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.080%
50) Toluene-d8	10.115	98	410296	51.049	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.408	95	130342	49.640	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.280%

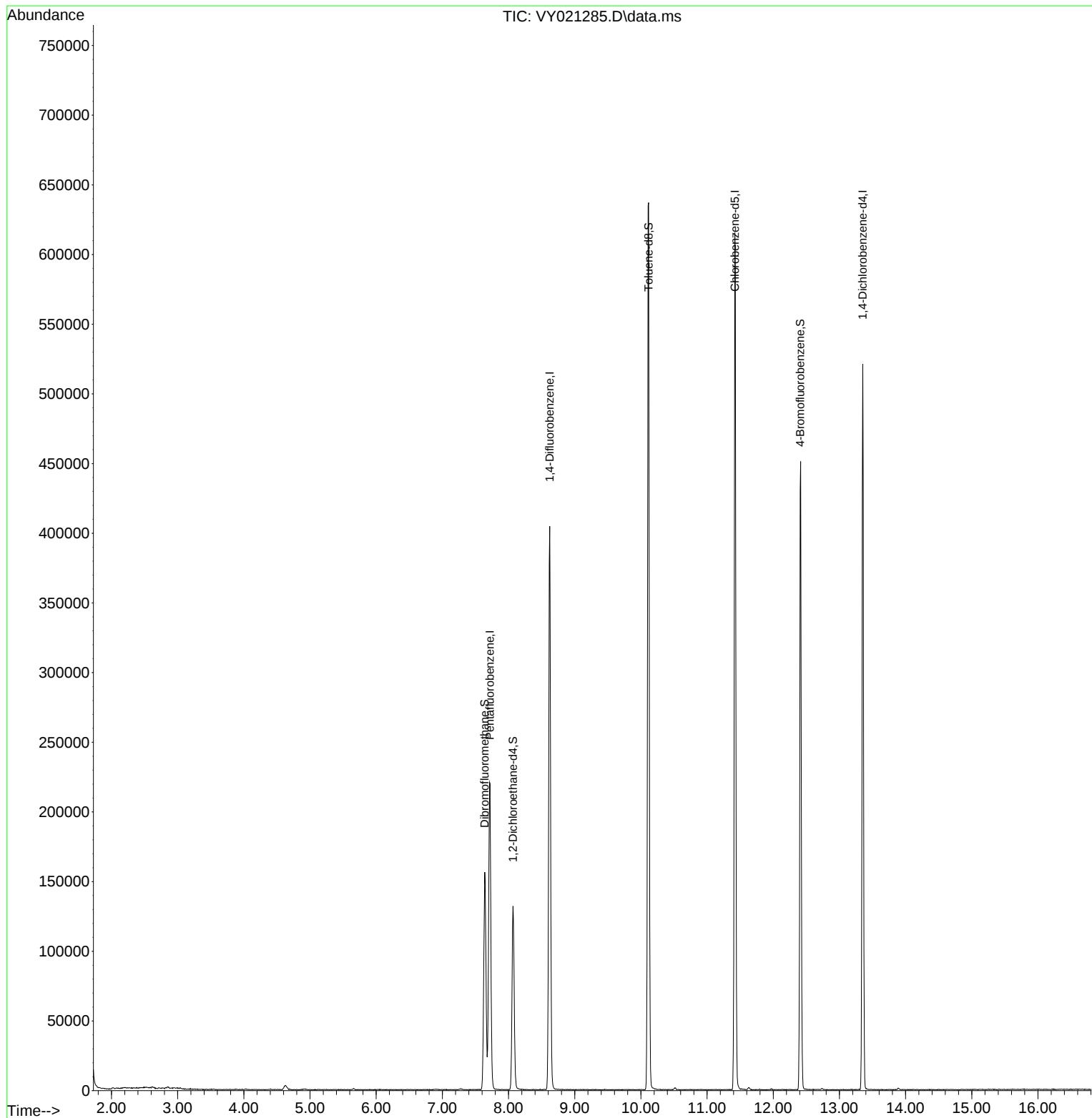
Target Compounds	Qvalue

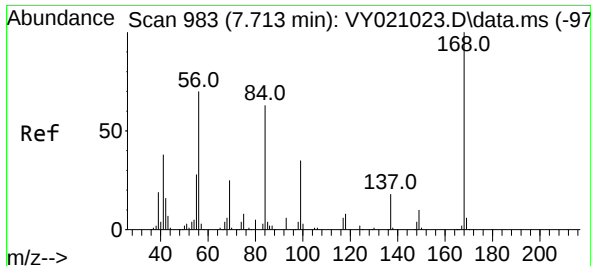
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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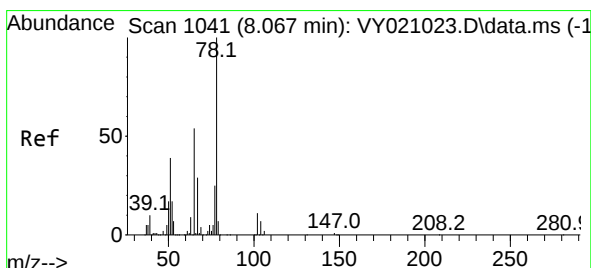
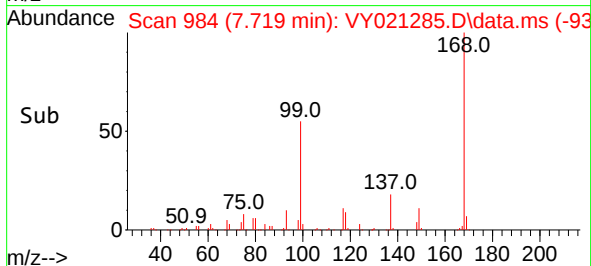
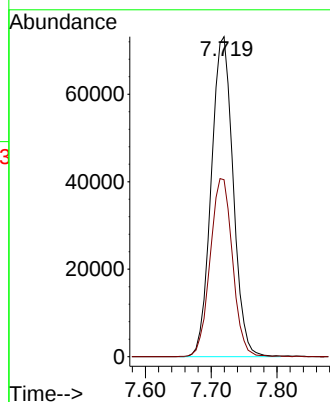
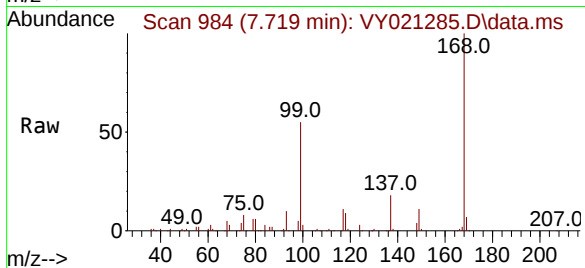




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

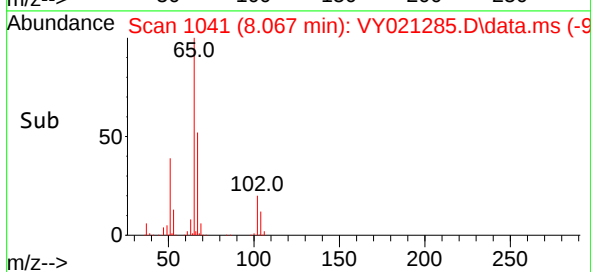
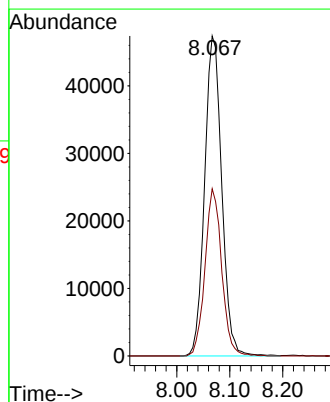
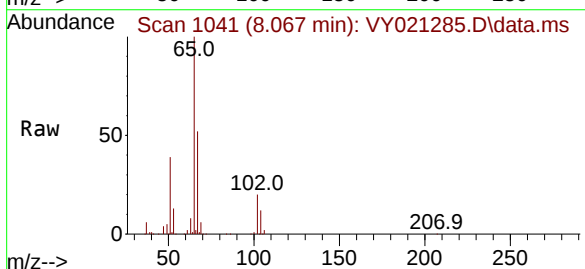
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-17-021725

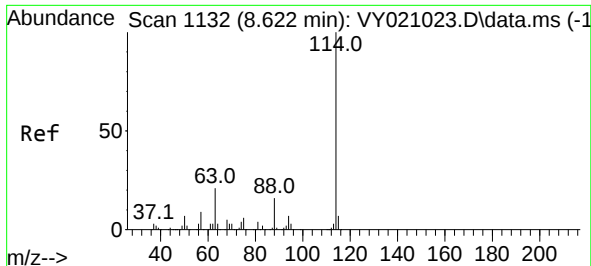
Tgt Ion:168 Resp: 169502
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 61.262 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Tgt Ion: 65 Resp: 106392
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.0

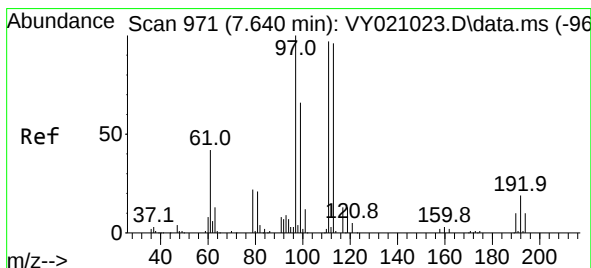
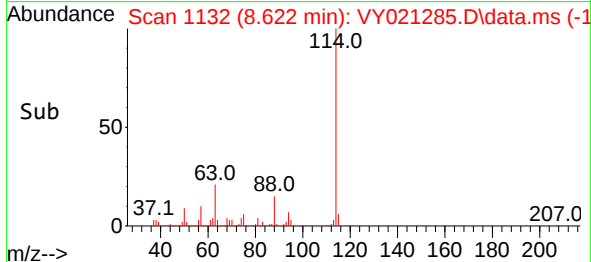
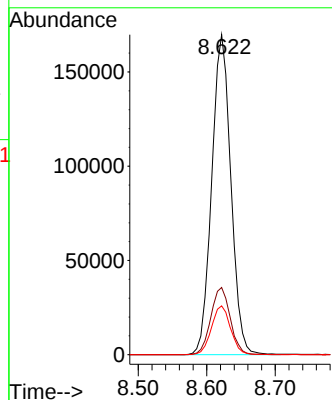
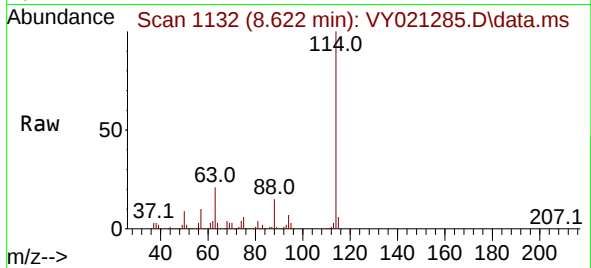




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

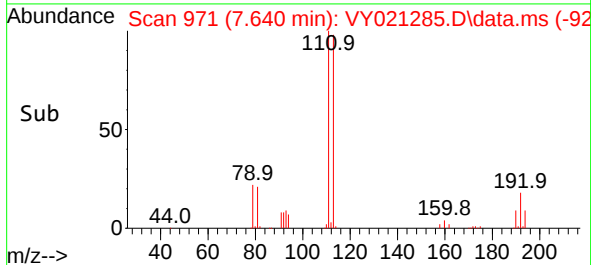
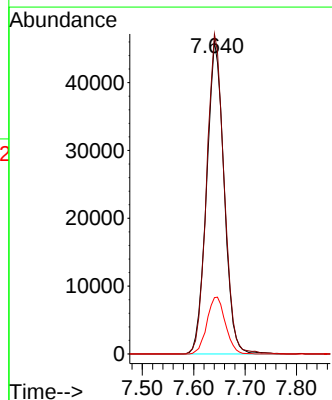
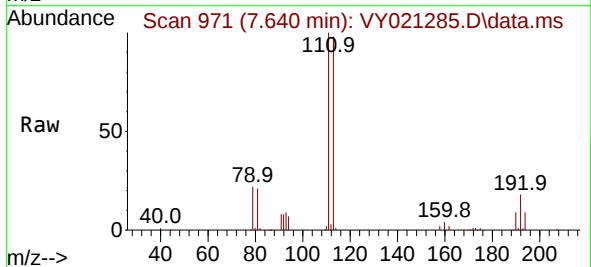
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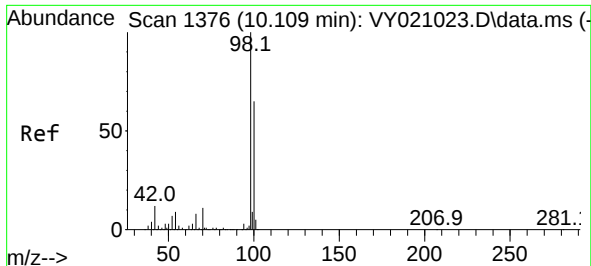
Tgt Ion:114 Resp: 329422
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.4
88 15.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 51.536 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Tgt Ion:113 Resp: 108800
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 19.1 14.5 21.7

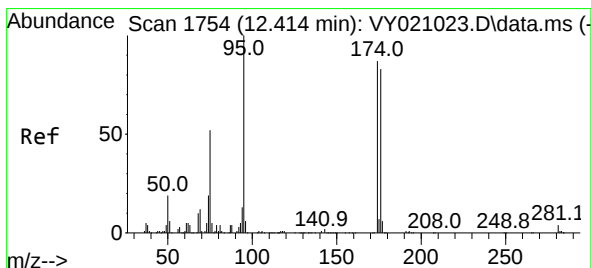
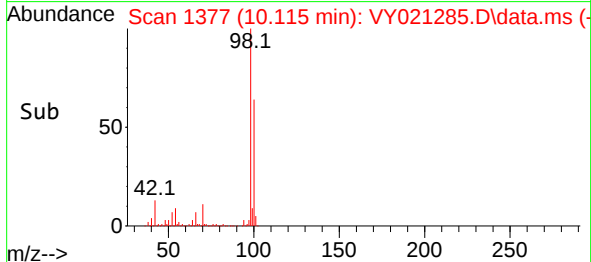
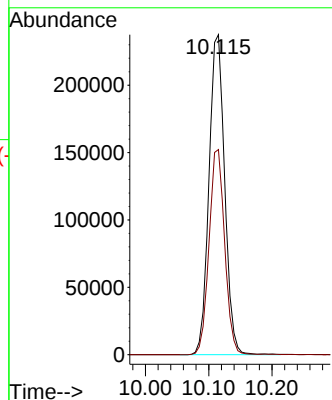
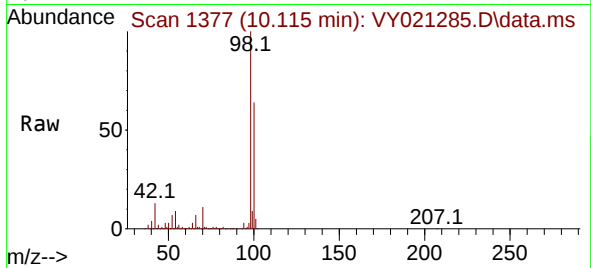




#50
Toluene-d8
Concen: 51.049 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

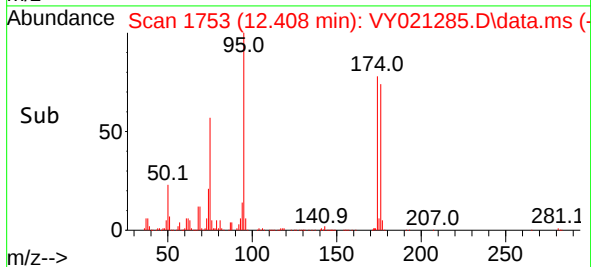
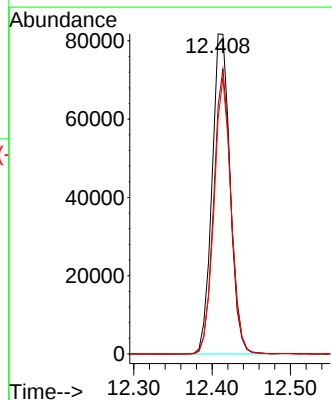
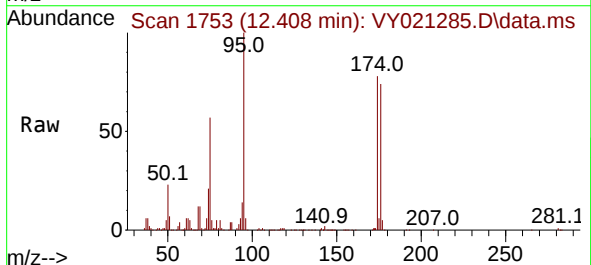
Instrument :
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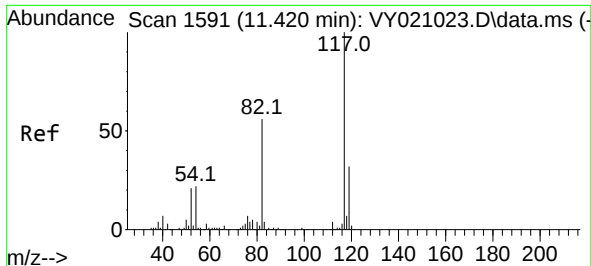
Tgt Ion: 98 Resp: 410296
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.640 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Tgt Ion: 95 Resp: 130342
Ion Ratio Lower Upper
95 100
174 85.4 0.0 160.0
176 81.8 0.0 151.8

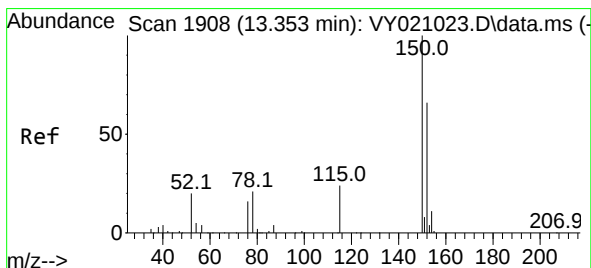
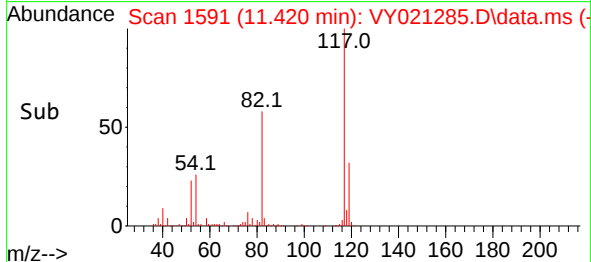
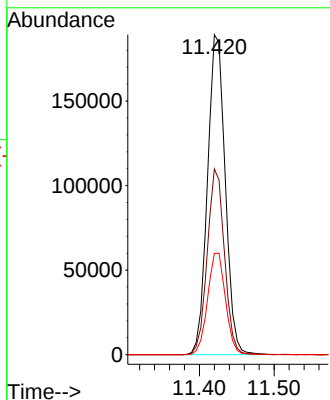
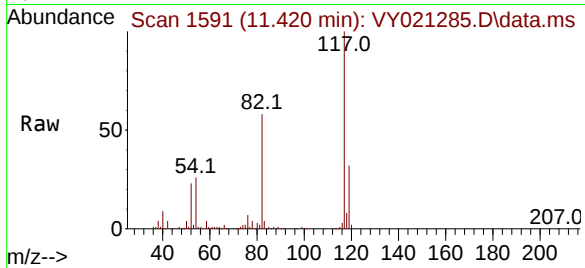




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-17-021725

Tgt Ion:117 Resp: 311982
Ion Ratio Lower Upper
117 100
82 58.0 43.8 65.8
119 31.7 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: VY021285.D
Acq: 21 Feb 2025 15:00

Tgt Ion:152 Resp: 121669
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 156.6 0.0 344.6

