

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021086.D
 Acq On : 05 Feb 2025 14:14
 Operator : SY/MD
 Sample : Q1277-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT 3249-VOC

Quant Time: Feb 06 00:35:21 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	7.713	168	58949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	80551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	52673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	15056	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	17851	29.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	59.120%
35) Dibromofluoromethane	7.634	113	22589	43.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.520%
50) Toluene-d8	10.109	98	89696	45.640	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.280%
62) 4-Bromofluorobenzene	12.414	95	18371	28.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.220%

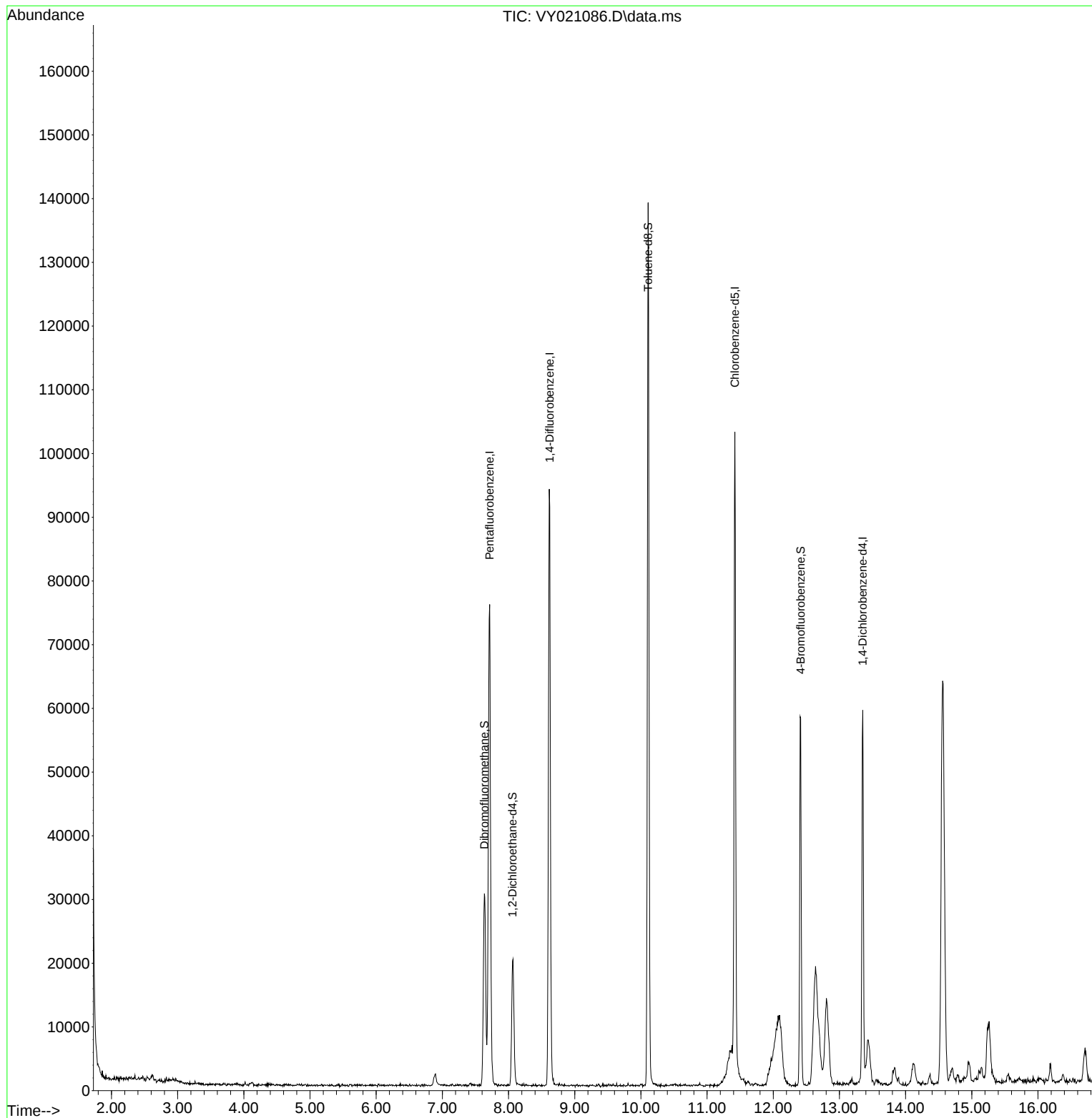
Target Compounds	Qvalue

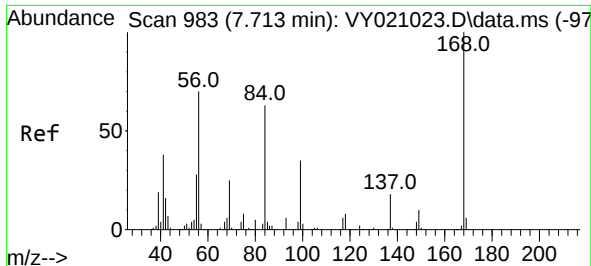
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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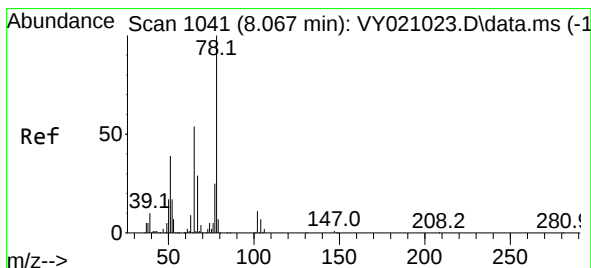
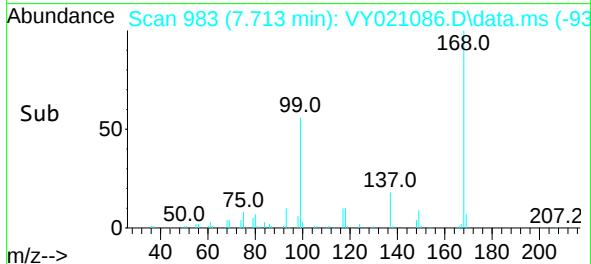
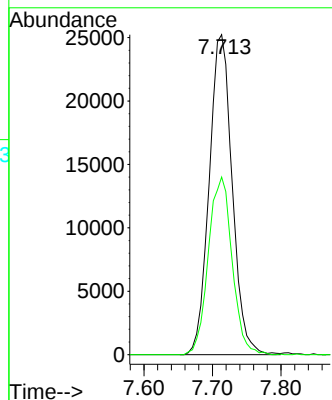
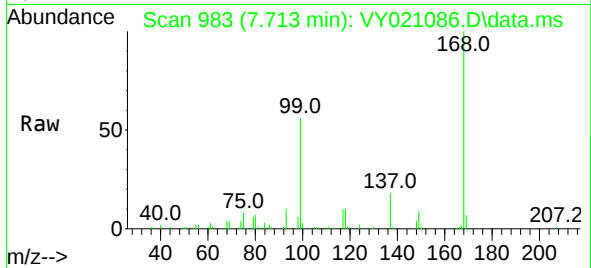




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021086.D
Acq: 05 Feb 2025 14:14

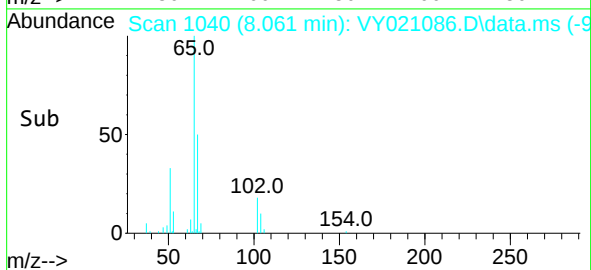
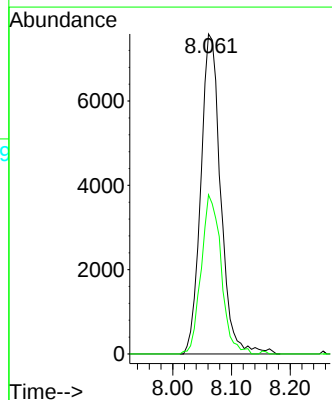
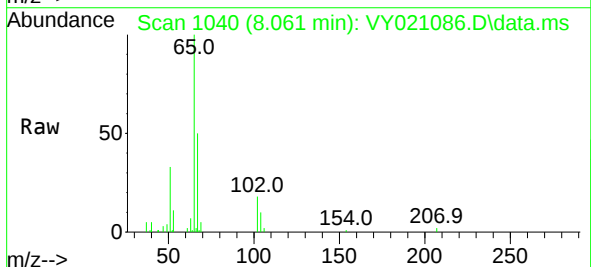
Instrument :
MSVOA_Y
ClientSampleId :
RT 3249-VOC

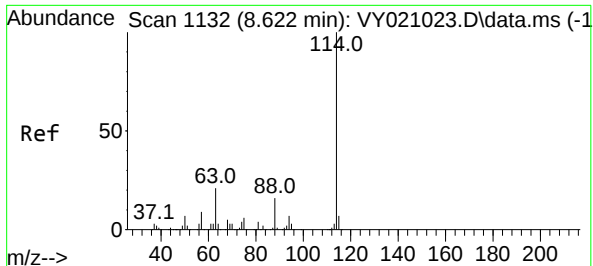
Tgt Ion:168 Resp: 58949
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 29.556 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021086.D
Acq: 05 Feb 2025 14:14

Tgt Ion: 65 Resp: 17851
Ion Ratio Lower Upper
65 100
67 49.9 0.0 109.0

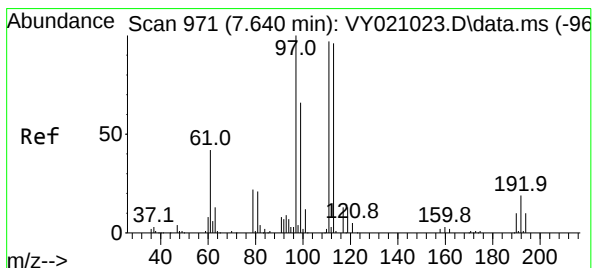
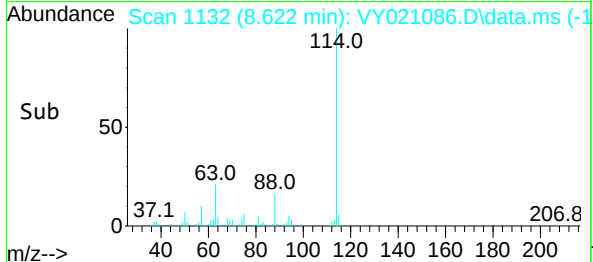
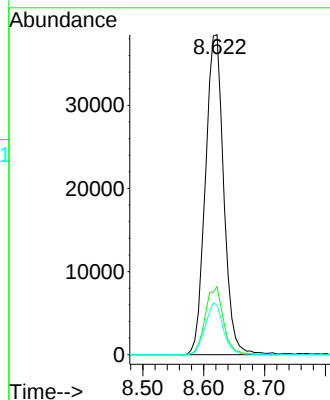
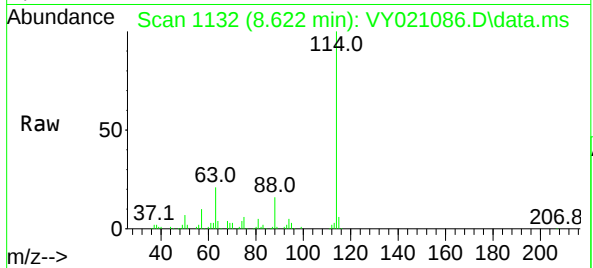




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021086.D
Acq: 05 Feb 2025 14:14

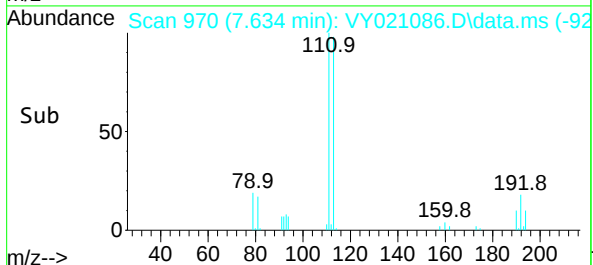
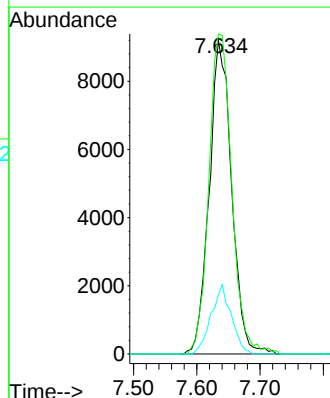
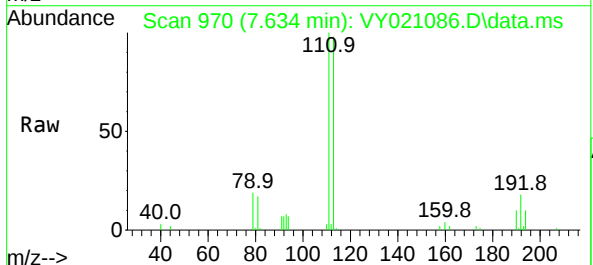
Instrument :
MSVOA_Y
ClientSampleId :
RT 3249-VOC

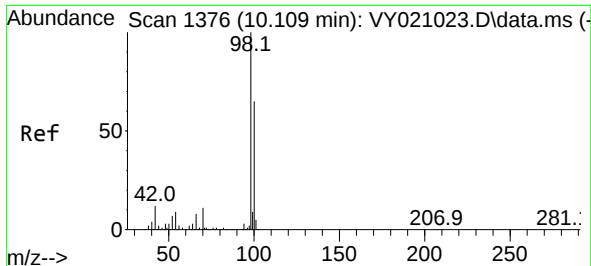
Tgt Ion:	114	Resp:	80551
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	37.4
88	15.5	0.0	29.0



#35
Dibromofluoromethane
Concen: 43.758 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021086.D
Acq: 05 Feb 2025 14:14

Tgt Ion:	113	Resp:	22589
Ion Ratio	Lower	Upper	
113	100		
111	104.8	83.8	125.6
192	20.0	14.5	21.7

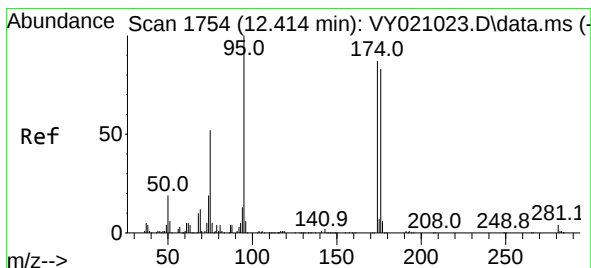
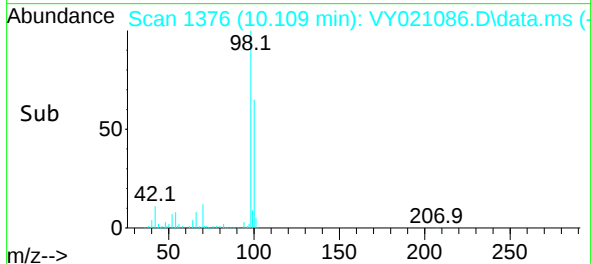
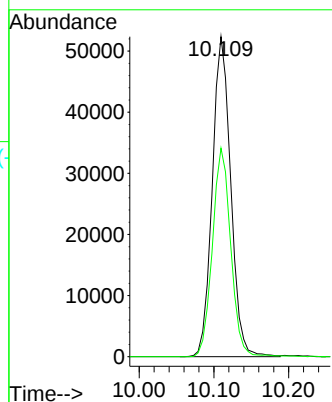
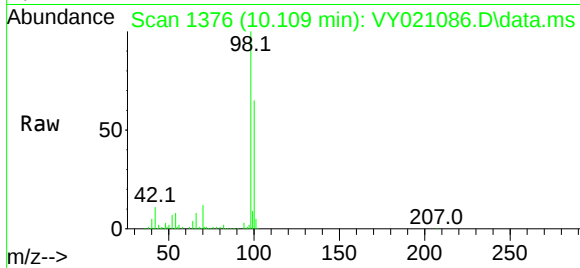




#50
Toluene-d8
Concen: 45.640 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021086.D
Acq: 05 Feb 2025 14:14

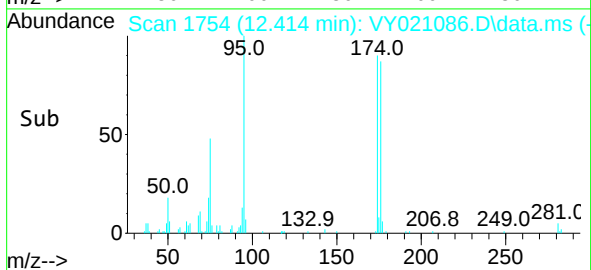
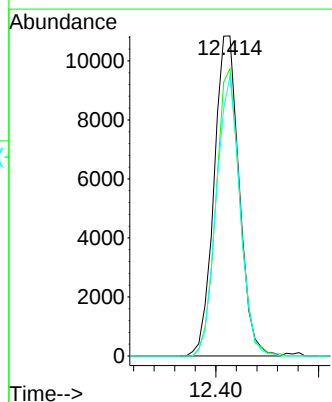
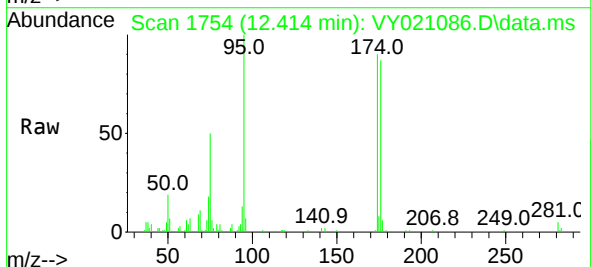
Instrument :
MSVOA_Y
ClientSampleId :
RT 3249-VOC

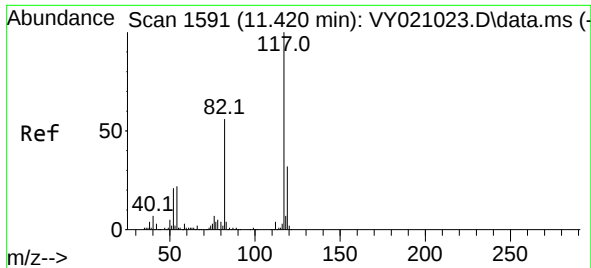
Tgt Ion: 98 Resp: 89696
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 28.613 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021086.D
Acq: 05 Feb 2025 14:14

Tgt Ion: 95 Resp: 18371
Ion Ratio Lower Upper
95 100
174 85.1 0.0 160.0
176 82.6 0.0 151.8

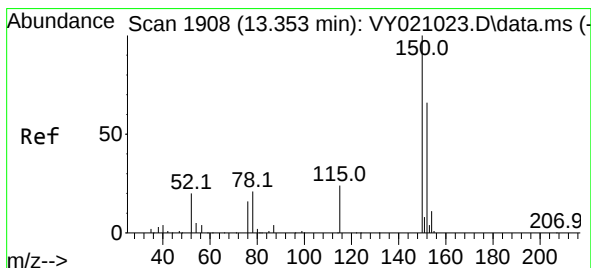
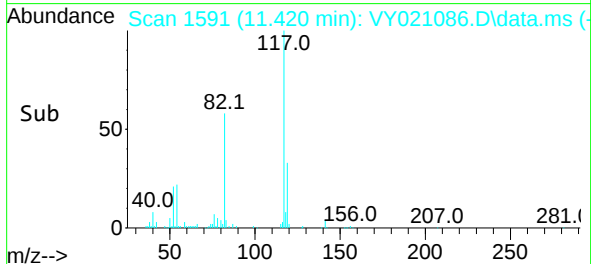
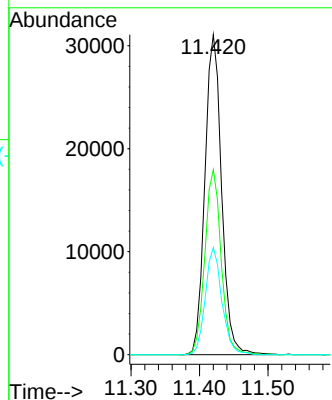
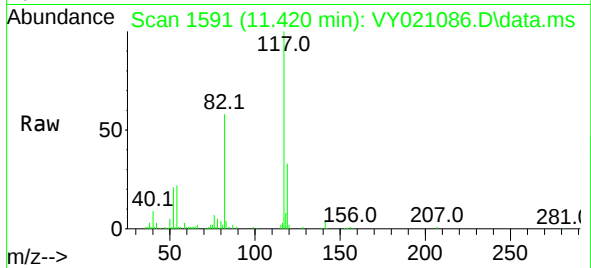




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY021086.D
Acq: 05 Feb 2025 14:14

Instrument :
MSVOA_Y
ClientSampleId :
RT 3249-VOC

Tgt Ion:117 Resp: 52673
Ion Ratio Lower Upper
117 100
82 57.8 43.8 65.8
119 33.4 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: VY021086.D
Acq: 05 Feb 2025 14:14

Tgt Ion:152 Resp: 15056
Ion Ratio Lower Upper
152 100
115 60.2 30.0 90.0
150 149.6 0.0 344.6

