

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021926.D
 Acq On : 18 Apr 2025 13:23
 Operator : SY/MD
 Sample : Q1832-08
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-714-VOC-02

Quant Time: Apr 19 01:12:27 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	7.707	168	213043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	404581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	343654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	123190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119093	51.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.180%
35) Dibromofluoromethane	7.634	113	133248	50.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.540%
50) Toluene-d8	10.109	98	486125	48.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.408	95	131862	39.046	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.100%

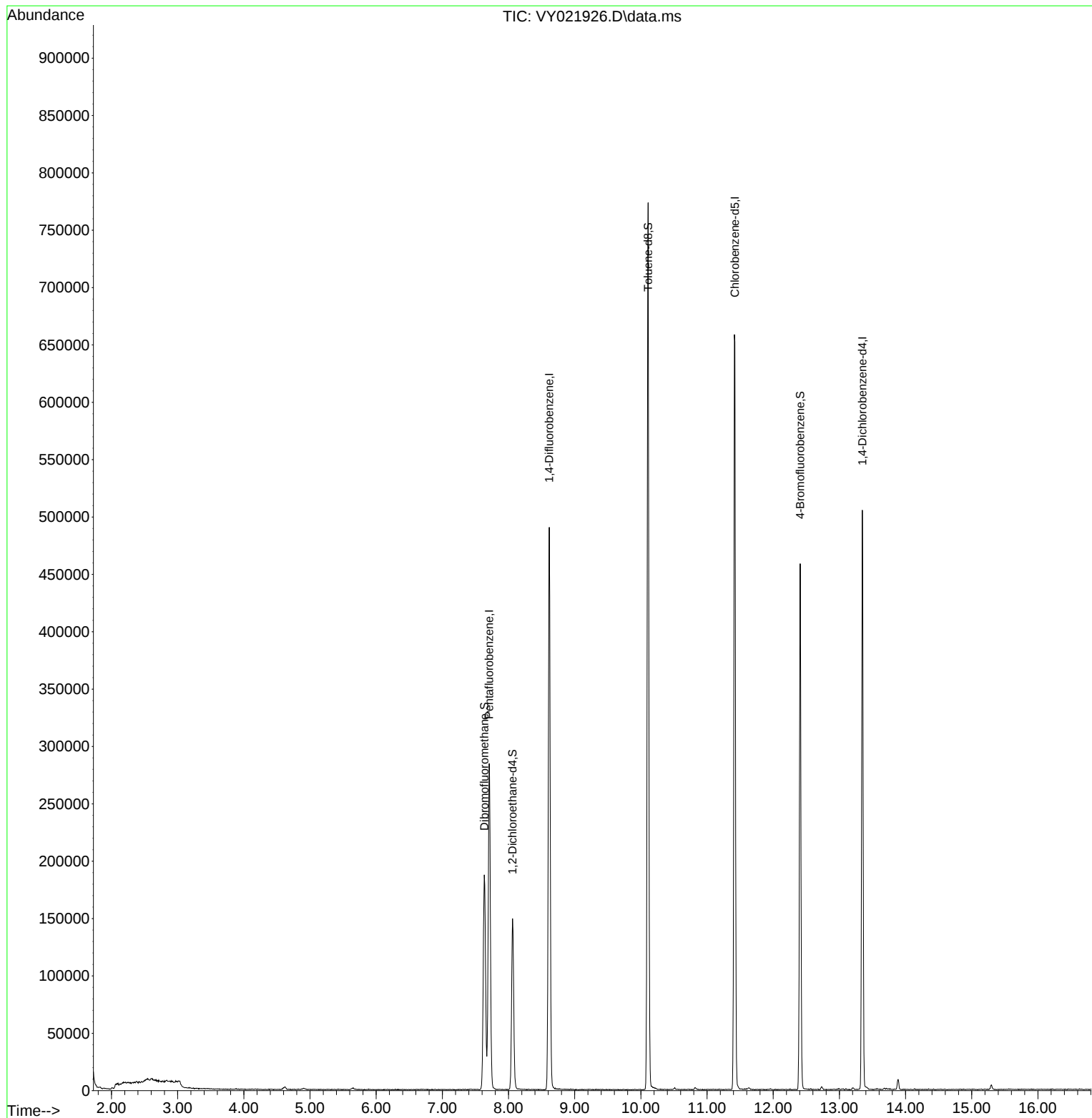
Target Compounds	Qvalue

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

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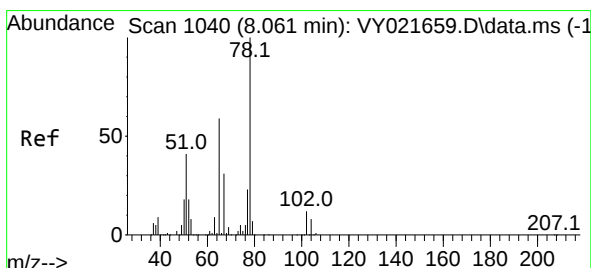
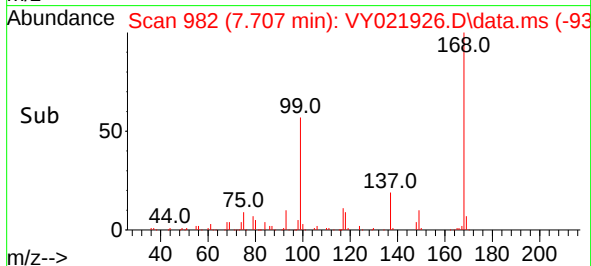
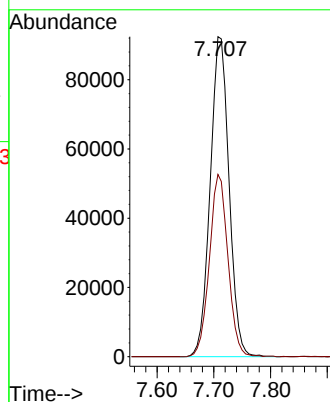
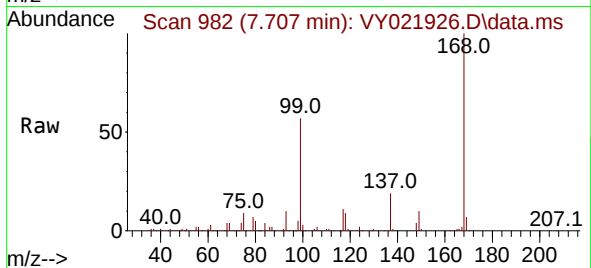




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021926.D
Acq: 18 Apr 2025 13:23

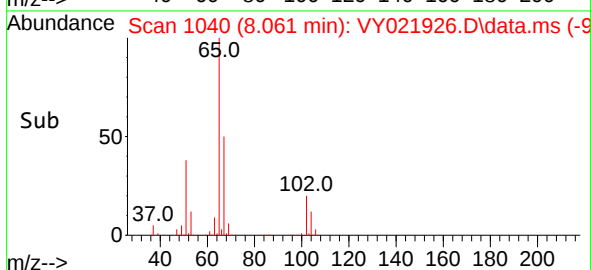
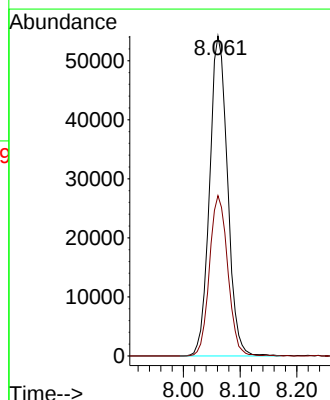
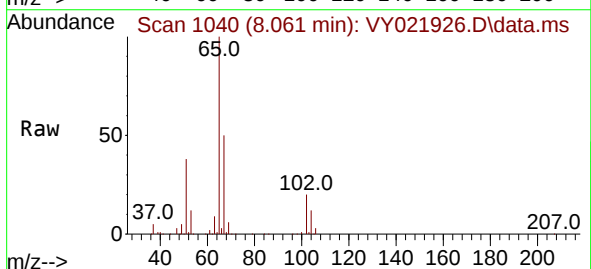
Instrument :
MSVOA_Y
ClientSampleId :
PL-714-VOC-02

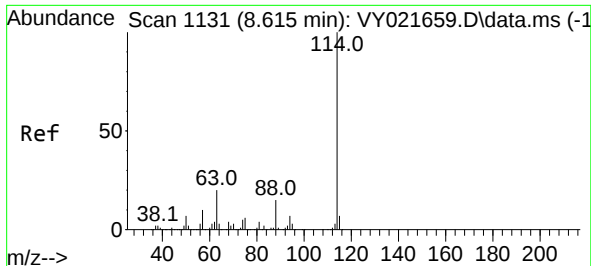
Tgt Ion:168 Resp: 213043
Ion Ratio Lower Upper
168 100
99 56.9 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 51.594 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021926.D
Acq: 18 Apr 2025 13:23

Tgt Ion: 65 Resp: 119093
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.6

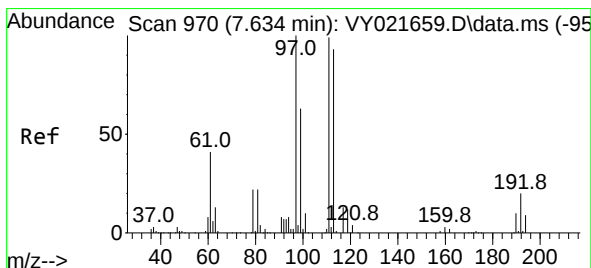
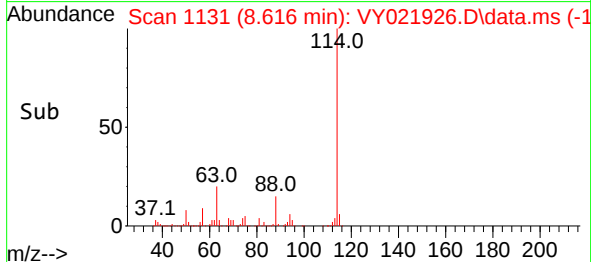
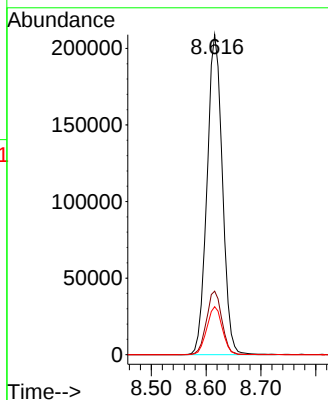
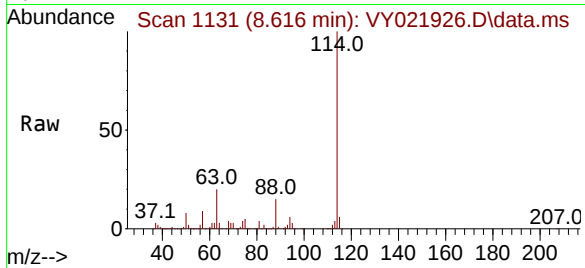




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021926.D
Acq: 18 Apr 2025 13:23

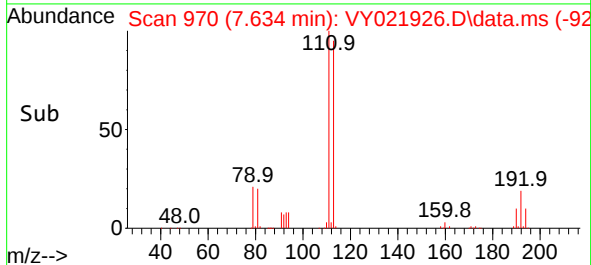
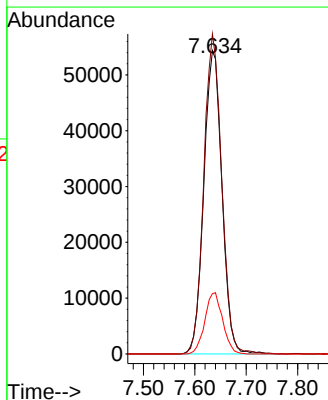
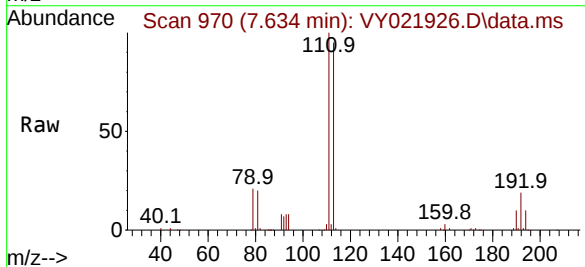
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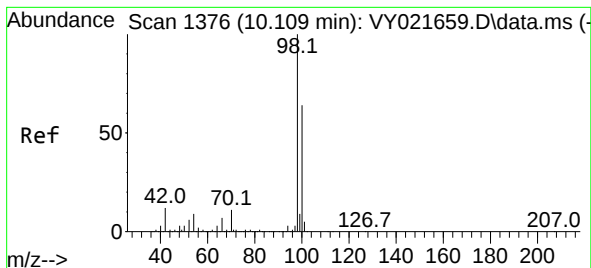
Tgt Ion:114 Resp: 404581
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.2
88 15.0 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.772 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021926.D
Acq: 18 Apr 2025 13:23

Tgt Ion:113 Resp: 133248
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 19.9 16.2 24.4

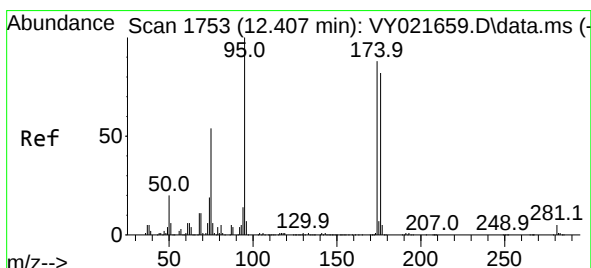
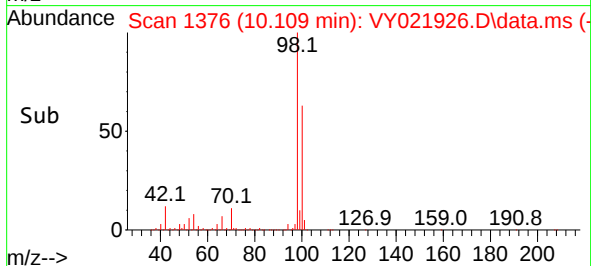
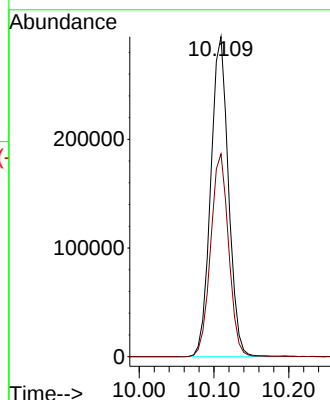
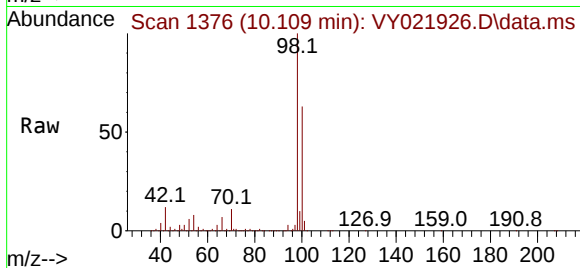




#50
Toluene-d8
Concen: 48.689 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021926.D
Acq: 18 Apr 2025 13:23

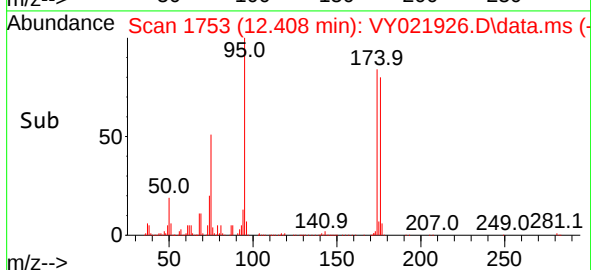
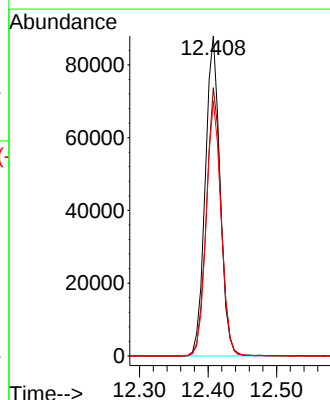
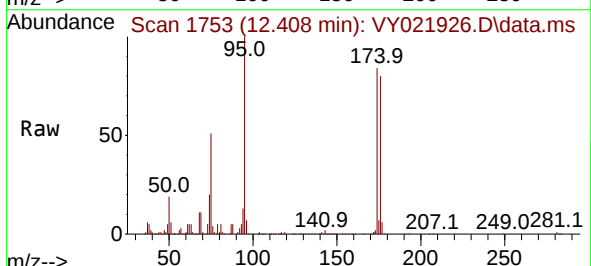
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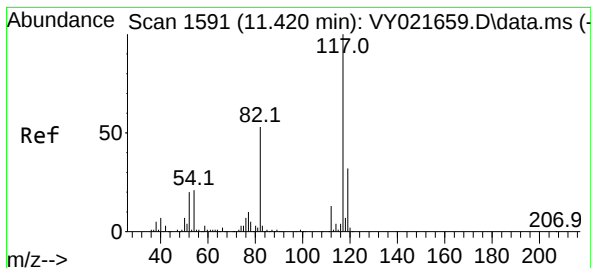
Tgt Ion: 98 Resp: 486125
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.046 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021926.D
Acq: 18 Apr 2025 13:23

Tgt Ion: 95 Resp: 131862
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.8
176 80.1 0.0 162.0

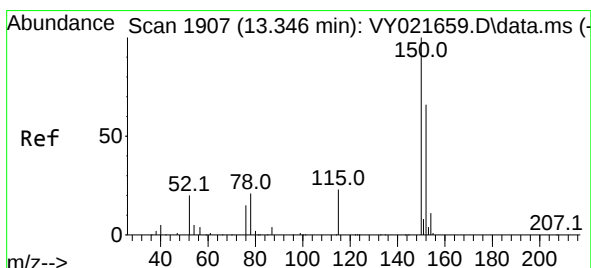
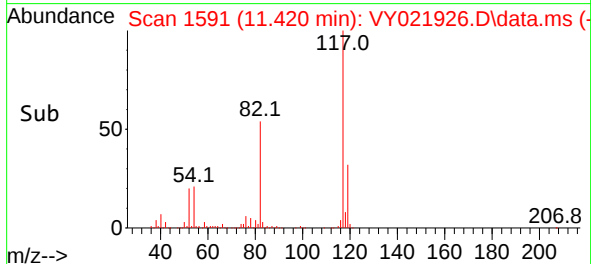
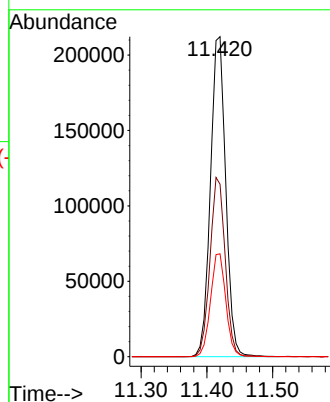
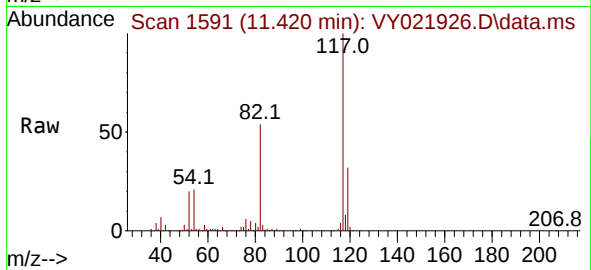




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY021926.D
Acq: 18 Apr 2025 13:23

Instrument :
MSVOA_Y
ClientSampleId :
PL-714-VOC-02

Tgt Ion:117 Resp: 343654
Ion Ratio Lower Upper
117 100
82 53.9 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: VY021926.D
Acq: 18 Apr 2025 13:23

Tgt Ion:152 Resp: 123190
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 155.7 0.0 348.4

