

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021087.D
 Acq On : 05 Feb 2025 14:38
 Operator : SY/MD
 Sample : Q1289-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FL-DRUMS-A

Quant Time: Feb 06 00:35:42 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	6211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	6836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2259	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1552	24.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	48.780%#
35) Dibromofluoromethane	7.640	113	2301	52.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.040%
50) Toluene-d8	10.109	98	5963	35.752	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.500%
62) 4-Bromofluorobenzene	12.408	95	436	8.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	16.000%#

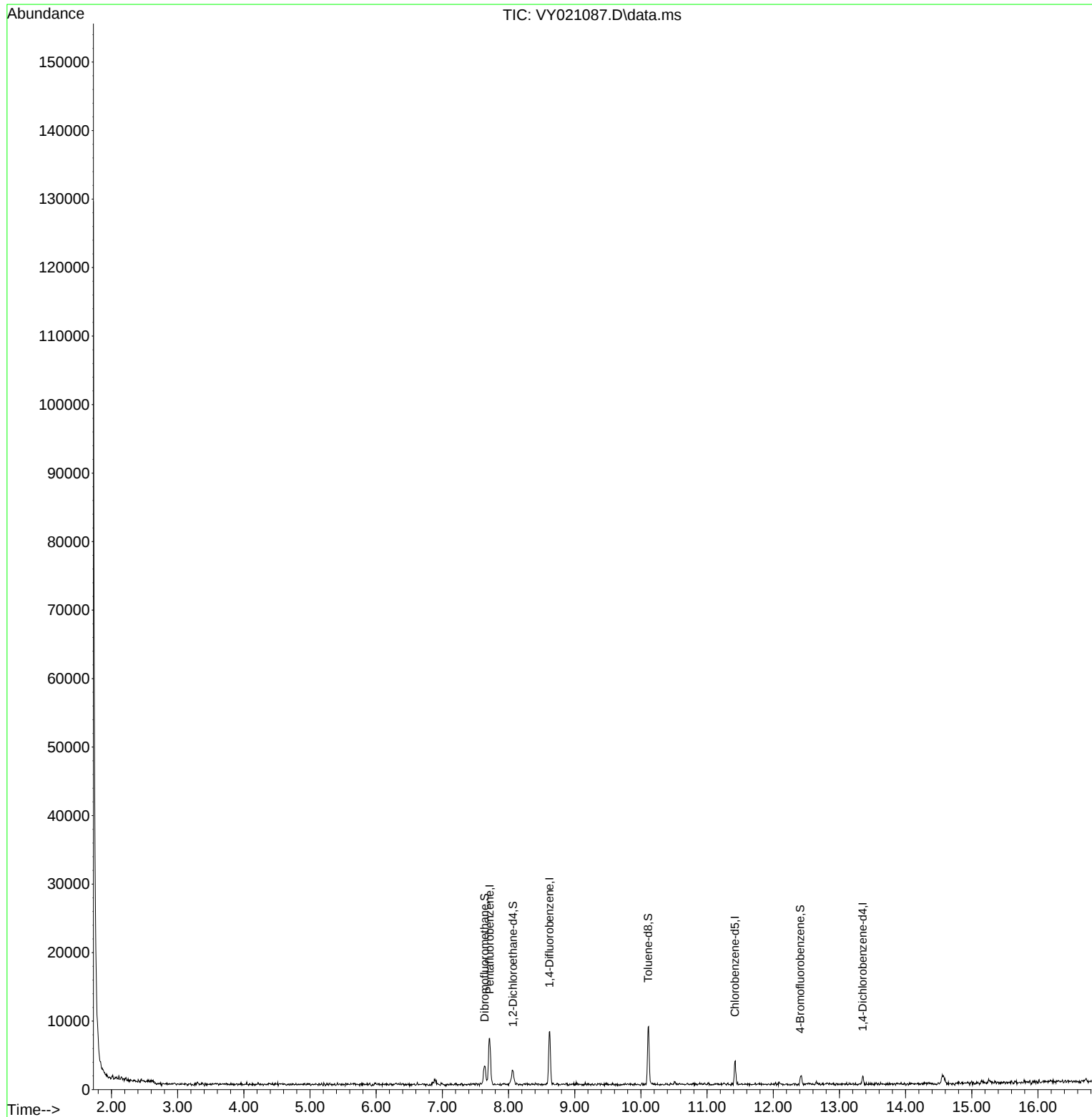
Target Compounds	Qvalue

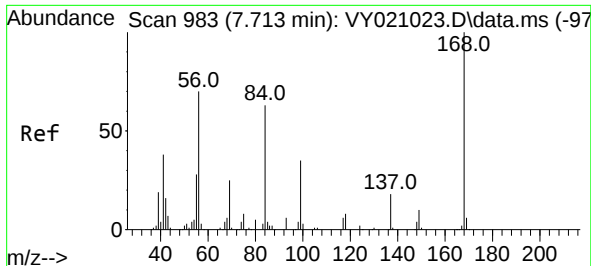
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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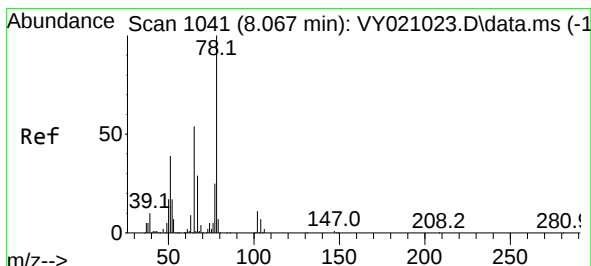
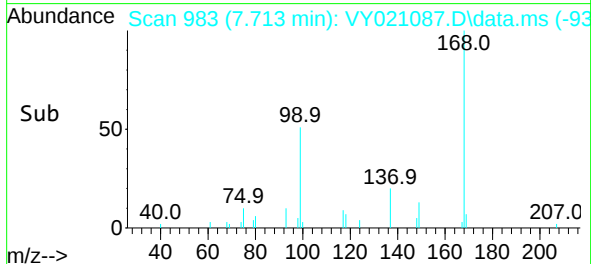
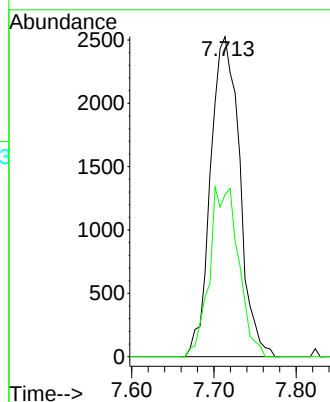
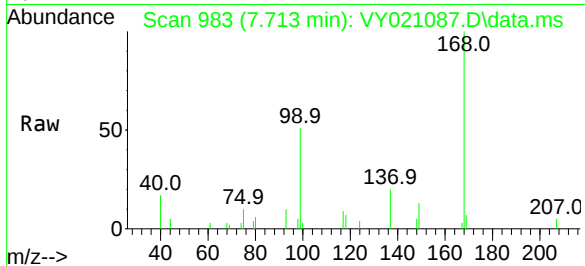




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

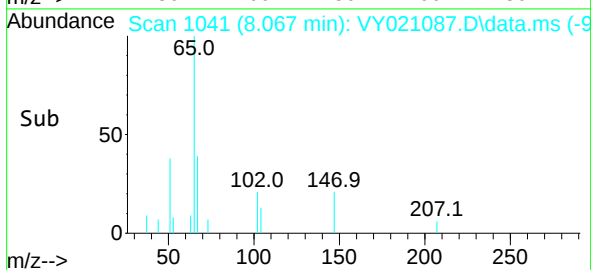
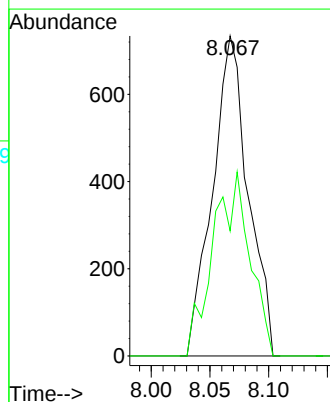
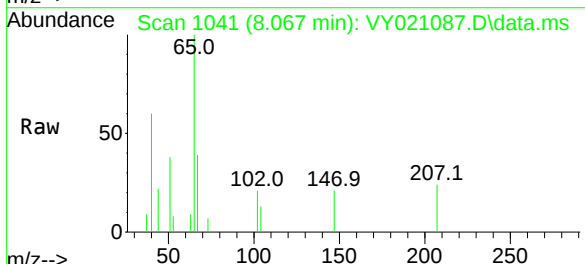
Instrument :
MSVOA_Y
ClientSampleId :
FL-DRUMS-A

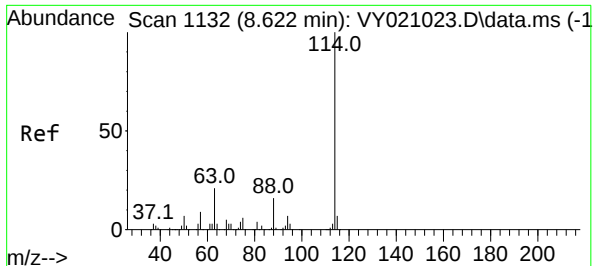
Tgt Ion:168 Resp: 6211
Ion Ratio Lower Upper
168 100
99 50.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 24.388 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

Tgt Ion: 65 Resp: 1552
Ion Ratio Lower Upper
65 100
67 59.3 0.0 109.0

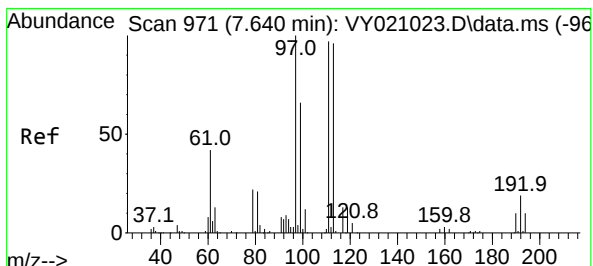
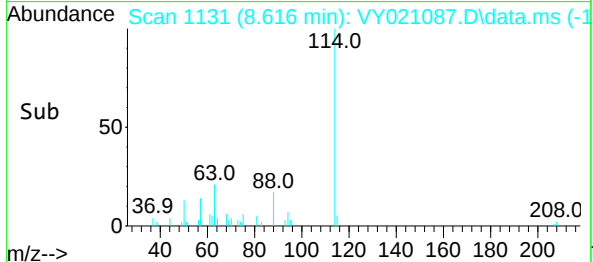
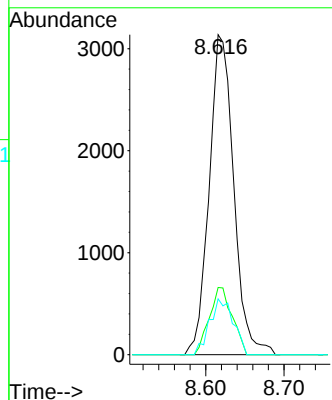
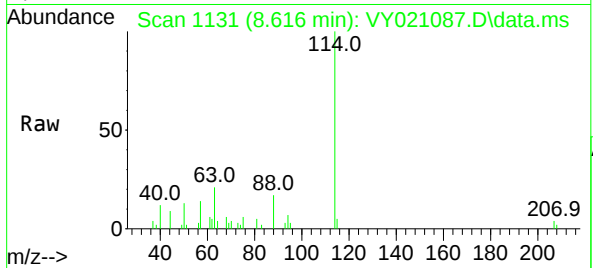




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

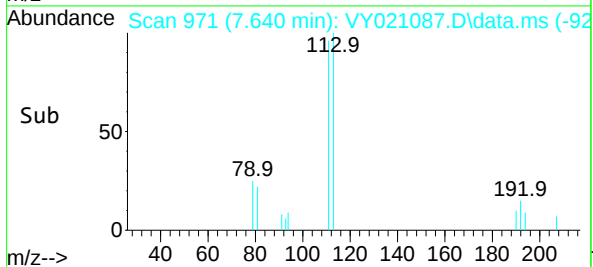
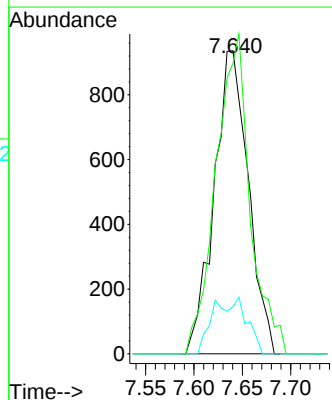
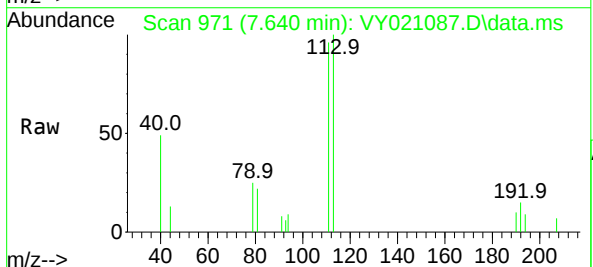
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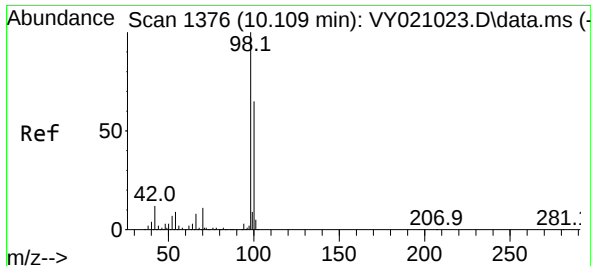
Tgt Ion:114 Resp: 6836
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.4
88 17.5 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.523 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

Tgt Ion:113 Resp: 2301
Ion Ratio Lower Upper
113 100
111 105.2 83.8 125.6
192 0.0 14.5 21.7#

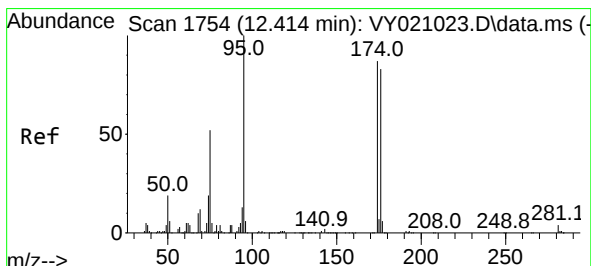
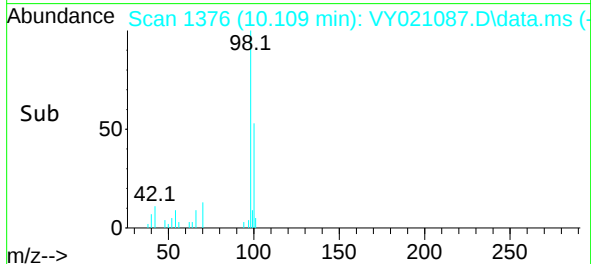
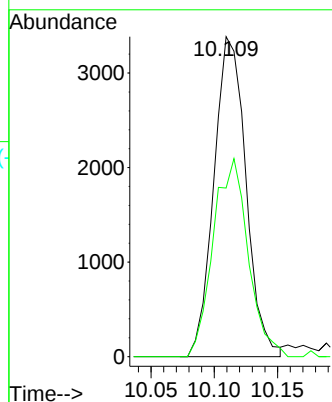
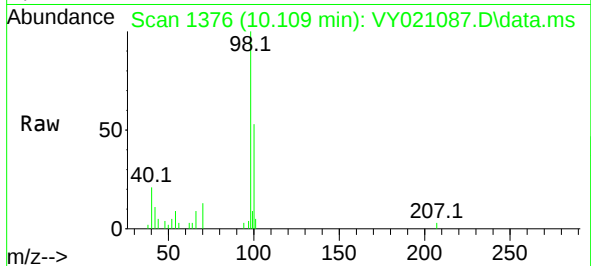




#50
Toluene-d8
Concen: 35.752 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

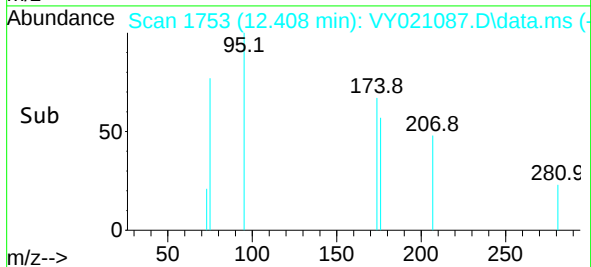
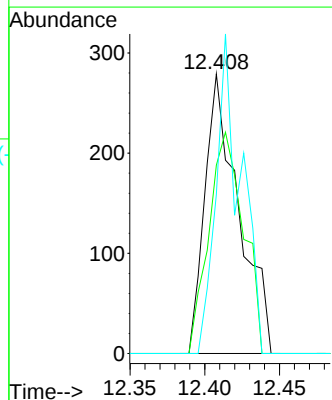
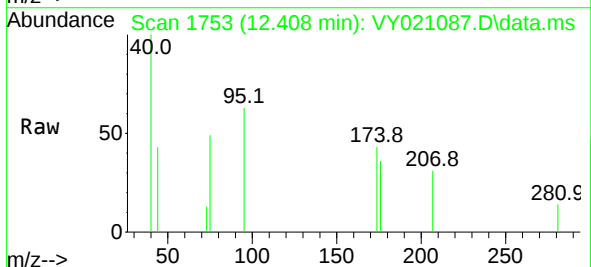
Instrument :
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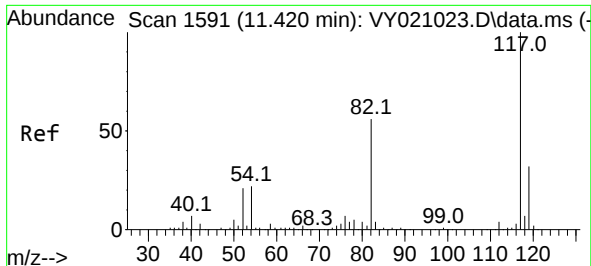
Tgt Ion: 98 Resp: 5963
Ion Ratio Lower Upper
98 100
100 67.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 8.002 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

Tgt Ion: 95 Resp: 436
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.0
176 84.4 0.0 151.8

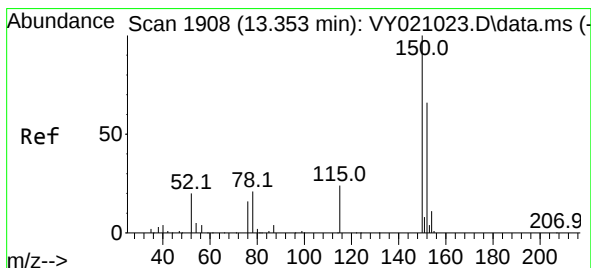
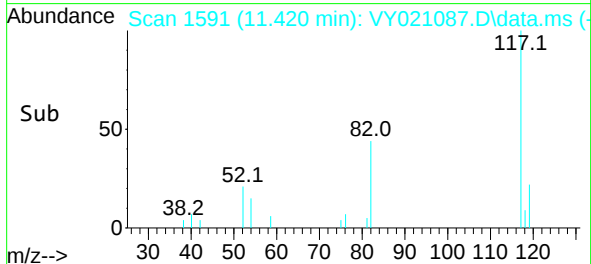
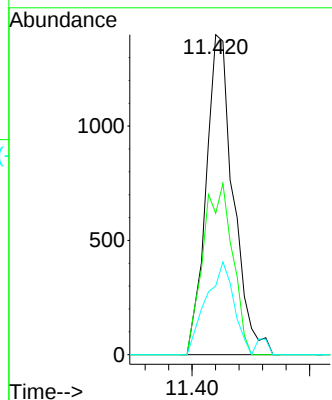
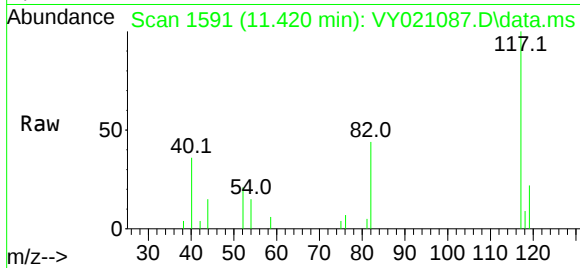




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

Instrument :
MSVOA_Y
ClientSampleId :
FL-DRUMS-A

Tgt Ion:117 Resp: 2259
Ion Ratio Lower Upper
117 100
82 44.2 43.8 65.8
119 21.5 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: VY021087.D
Acq: 05 Feb 2025 14:38

Tgt Ion:152 Resp: 395
Ion Ratio Lower Upper
152 100
115 70.9 30.0 90.0
150 183.0 0.0 344.6

