

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020879.D
 Acq On : 20 Jan 2025 14:15
 Operator : SY/MD
 Sample : Q1132-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-1-011725

Quant Time: Jan 21 00:41:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

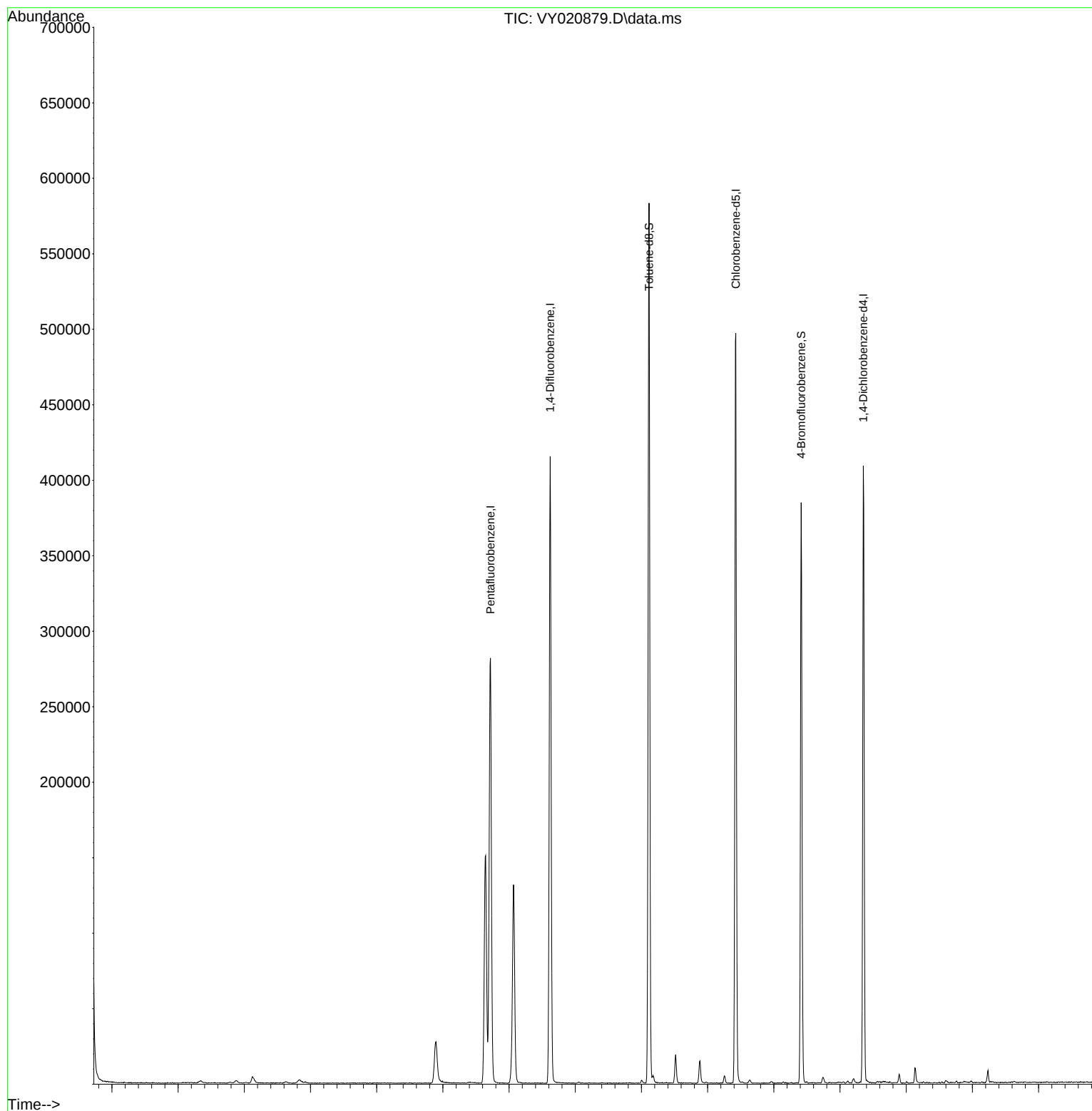
Internal Standards						
1) Pentafluorobenzene	7.719	168	233863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	361460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	282473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	110670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	100742	50.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.360%
35) Dibromofluoromethane	7.646	113	110321	48.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.440%
50) Toluene-d8	10.115	98	390221	49.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.413	95	112817	38.700	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.400%
Target Compounds						
16) Acetone	3.872	43	3239	11.459	ug/l #	71
51) 4-Methyl-2-Pentanone	9.999	43	1345	1.152	ug/l	91

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

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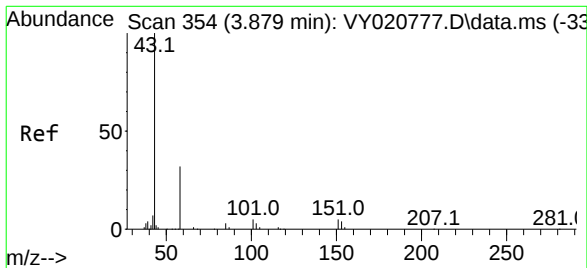
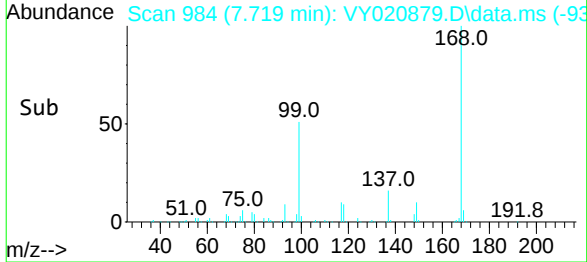
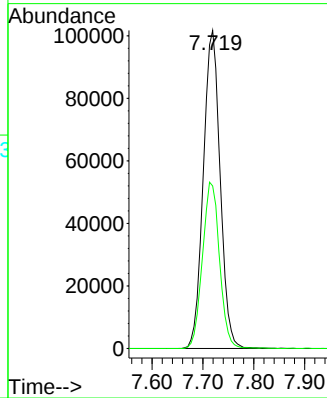
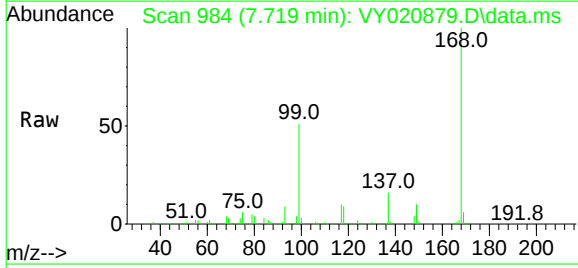




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020879.D
Acq: 20 Jan 2025 14:15

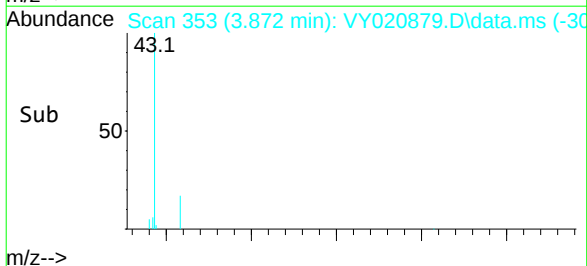
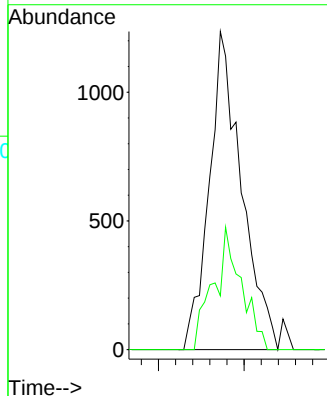
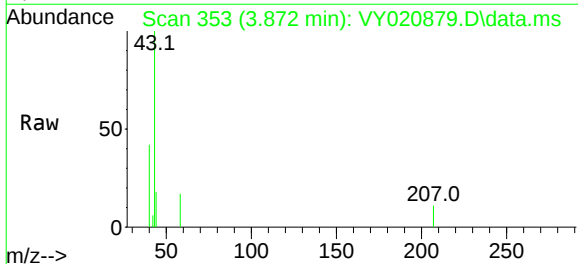
Instrument :
MSVOA_Y
ClientSampleId :
HD-1-011725

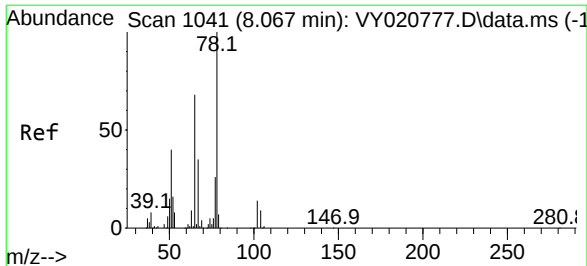
Tgt Ion:168 Resp: 233863
Ion Ratio Lower Upper
168 100
99 51.1 44.3 66.5



#16
Acetone
Concen: 11.459 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY020879.D
Acq: 20 Jan 2025 14:15

Tgt Ion: 43 Resp: 3239
Ion Ratio Lower Upper
43 100
58 16.9 26.7 40.1#

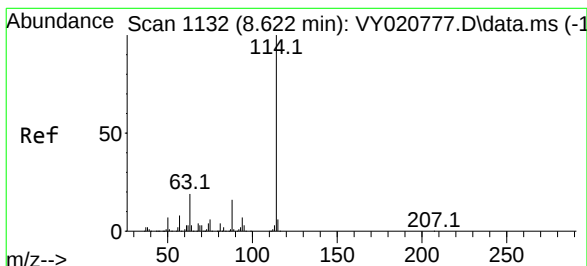
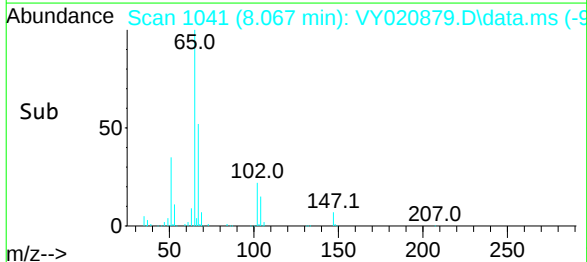
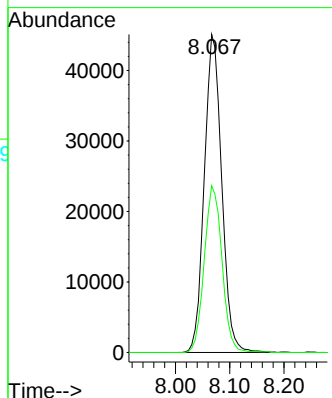
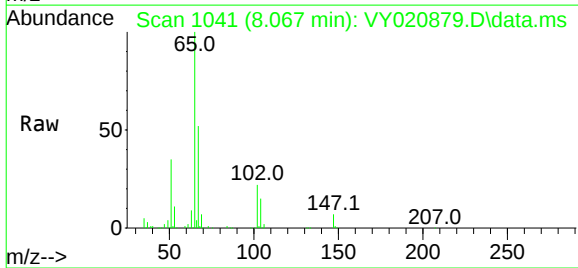




#33
1,2-Dichloroethane-d4
Concen: 50.681 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020879.D
Acq: 20 Jan 2025 14:15

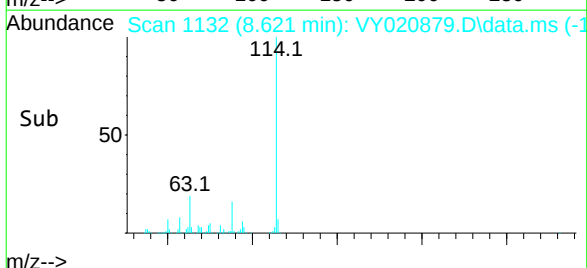
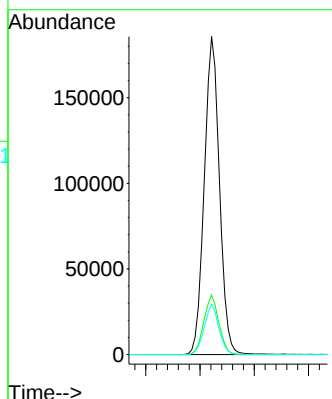
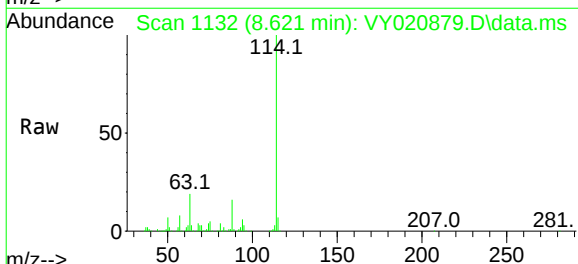
Instrument :
MSVOA_Y
ClientSampleId :
HD-1-011725

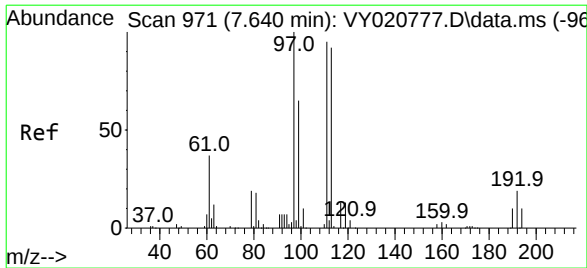
Tgt Ion: 65 Resp: 100742
Ion Ratio Lower Upper
65 100
67 53.5 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020879.D
Acq: 20 Jan 2025 14:15

Tgt Ion: 114 Resp: 361460
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 15.8 0.0 31.2

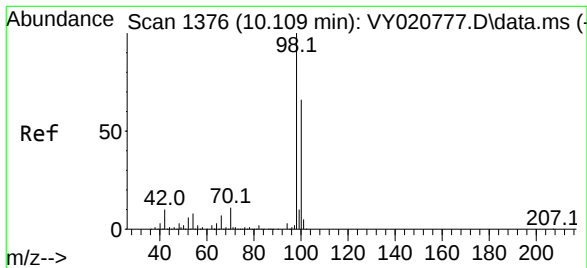
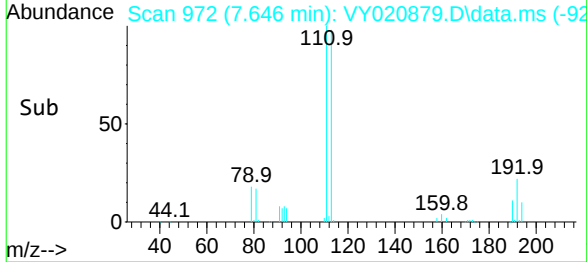
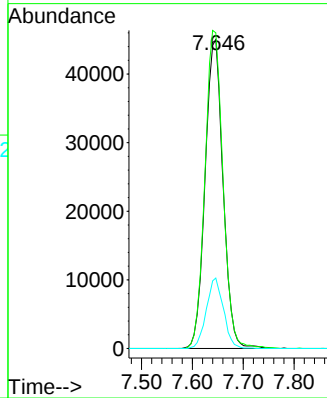
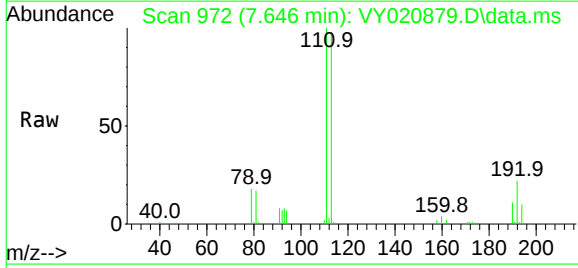




#35
Dibromofluoromethane
Concen: 48.717 ug/l
RT: 7.646 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020879.D
Acq: 20 Jan 2025 14:15

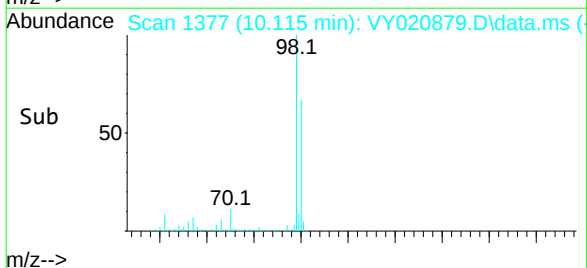
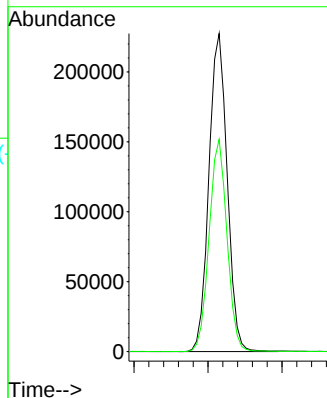
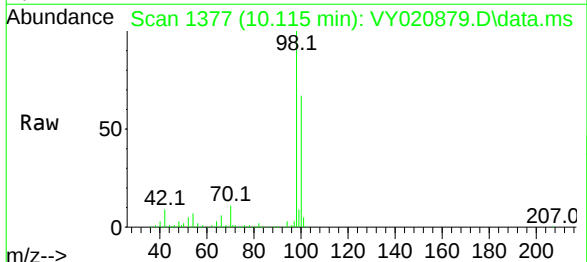
Instrument :
MSVOA_Y
ClientSampleId :
HD-1-011725

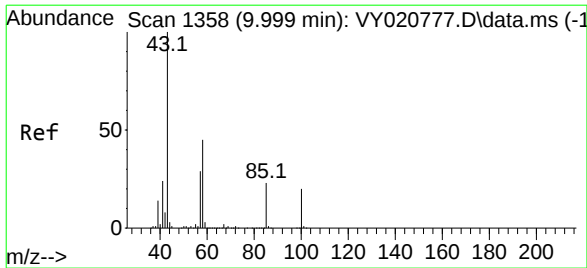
Tgt Ion:113 Resp: 110321
Ion Ratio Lower Upper
113 100
111 103.7 81.7 122.5
192 21.8 16.7 25.1



#50
Toluene-d8
Concen: 49.432 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020879.D
Acq: 20 Jan 2025 14:15

Tgt Ion: 98 Resp: 390221
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

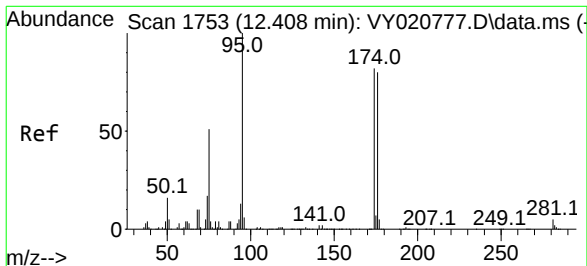
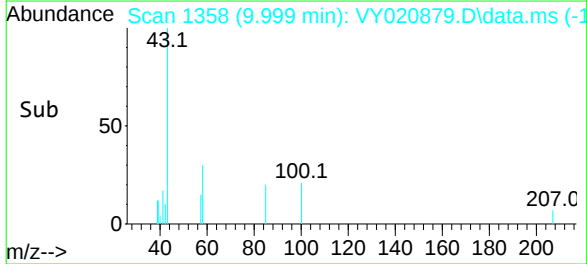
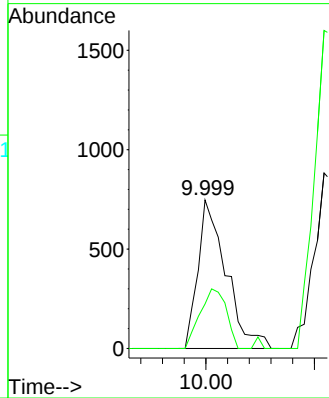
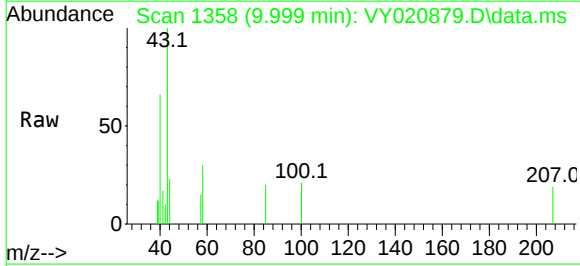




#51
4-Methyl-2-Pentanone
Concen: 1.152 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY020879.D
Acq: 20 Jan 2025 14:15

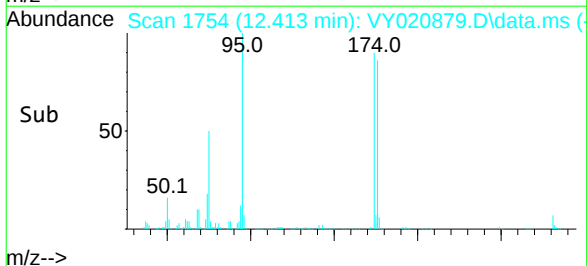
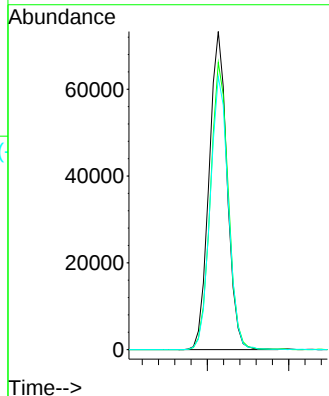
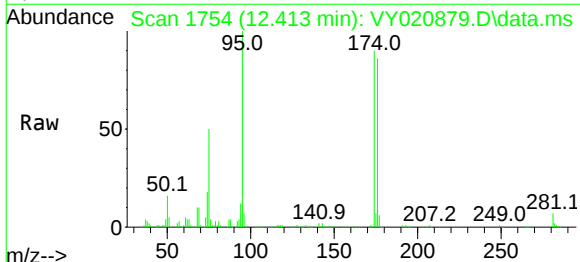
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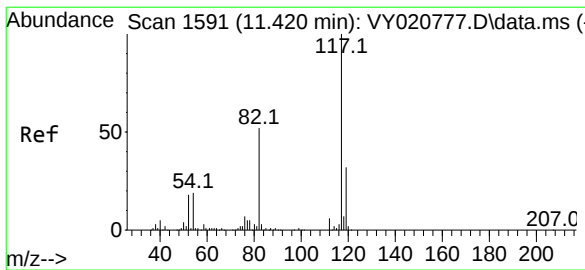
Tgt Ion: 43 Resp: 1345
Ion Ratio Lower Upper
43 100
58 37.5 34.8 52.2



#62
4-Bromofluorobenzene
Concen: 38.700 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020879.D
Acq: 20 Jan 2025 14:15

Tgt Ion: 95 Resp: 112817
Ion Ratio Lower Upper
95 100
174 89.2 0.0 178.0
176 85.9 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020879.D

Acq: 20 Jan 2025 14:15

Instrument :

MSVOA_Y

ClientSampleId :

HD-1-011725

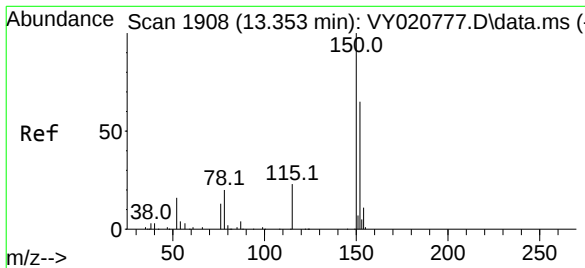
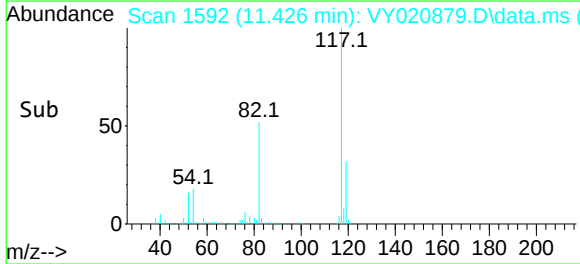
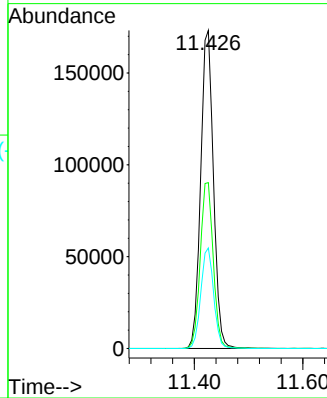
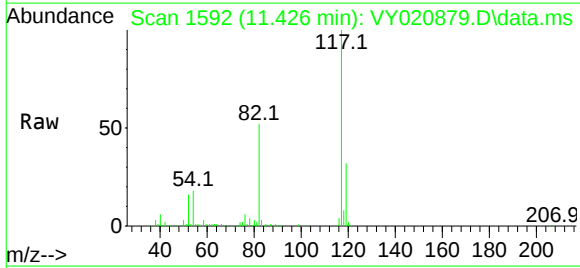
Tgt Ion:117 Resp: 282473

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.6

119 31.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020879.D

Acq: 20 Jan 2025 14:15

Tgt Ion:152 Resp: 110670

Ion Ratio Lower Upper

152 100

115 56.0 29.0 87.0

150 155.7 0.0 347.4

