

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020863.D
 Acq On : 17 Jan 2025 18:17
 Operator : SY/MD
 Sample : Q1115-12
 Misc : 3.31g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-213-VOC

Quant Time: Jan 18 07:53:52 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)

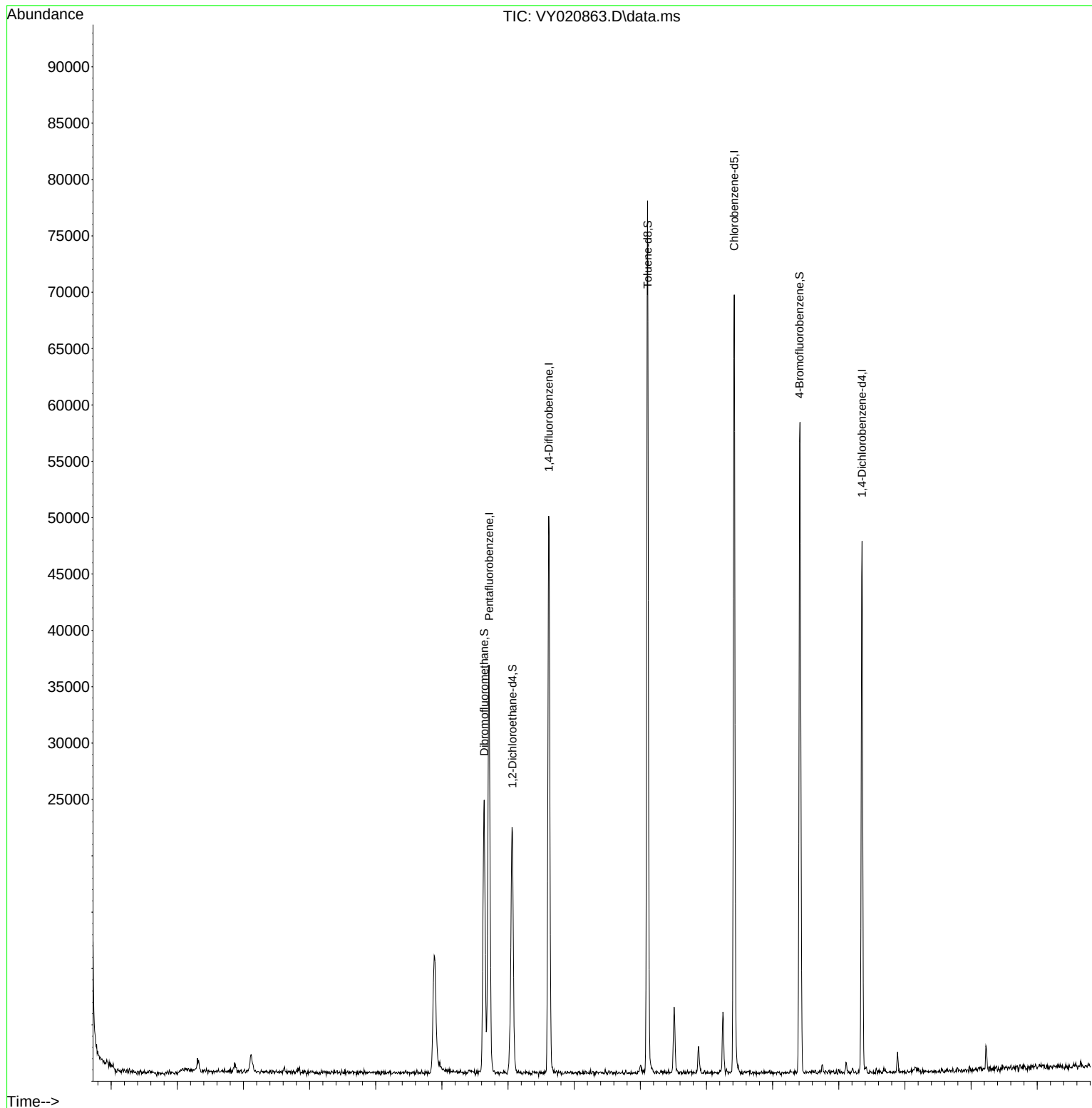
Internal Standards						
1) Pentafluorobenzene	7.713	168	29977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	46528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	40624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	13678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	17405	68.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.620%
35) Dibromofluoromethane	7.640	113	17103	58.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.340%
50) Toluene-d8	10.109	98	53172	52.327	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.660%
62) 4-Bromofluorobenzene	12.407	95	14917	39.752	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.500%
Target Compounds						
16) Acetone	3.866	43	1066	29.421	ug/l	95
51) 4-Methyl-2-Pentanone	10.005	43	618	4.111	ug/l #	75

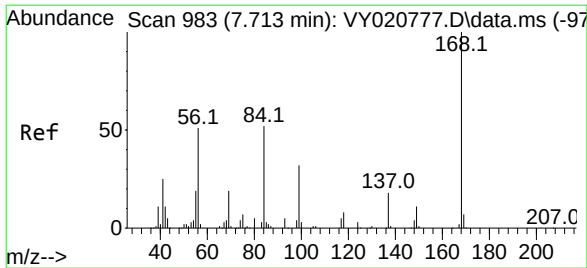
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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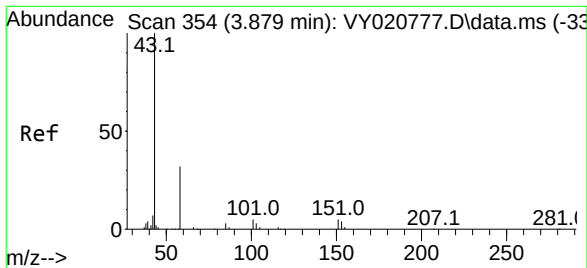
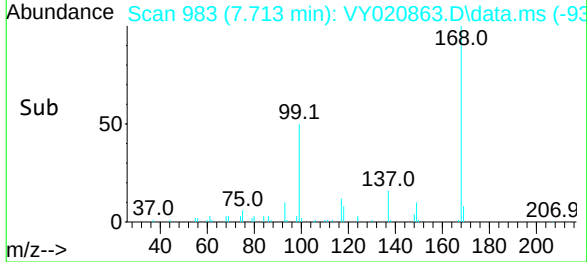
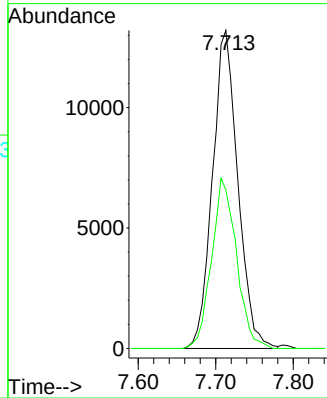
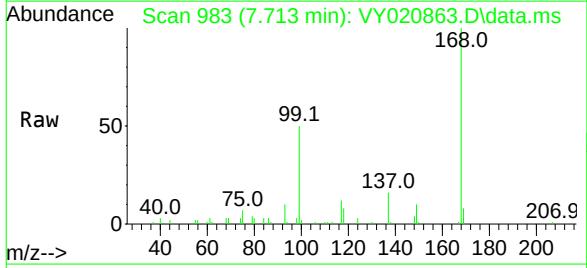




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

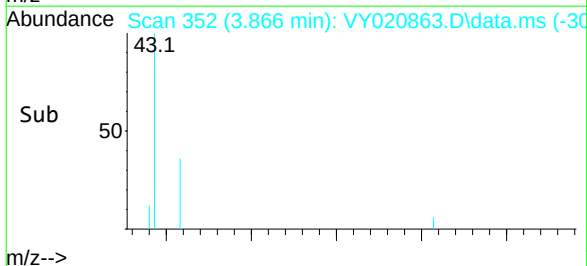
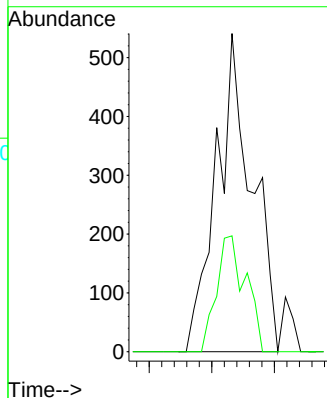
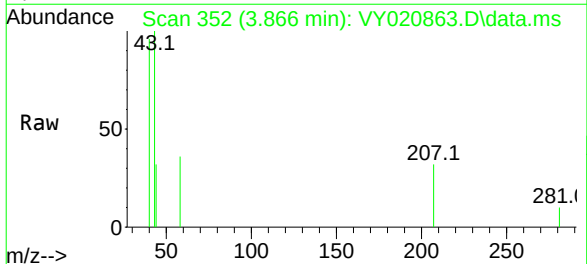
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213-VOC

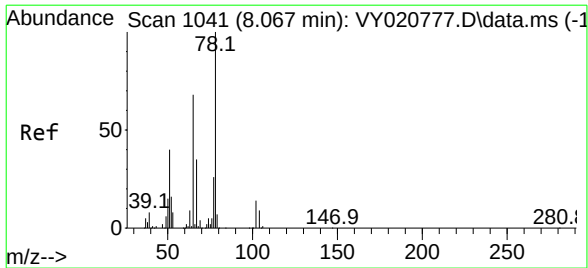
Tgt Ion:168 Resp: 29977
Ion Ratio Lower Upper
168 100
99 49.9 44.3 66.5



#16
Acetone
Concen: 29.421 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 36.4 26.7 40.1

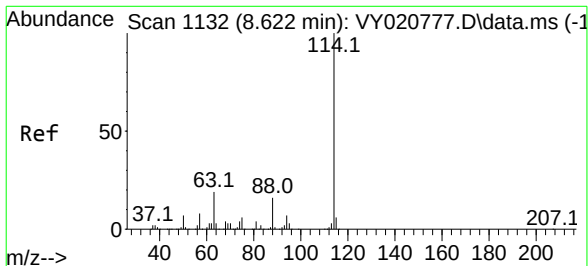
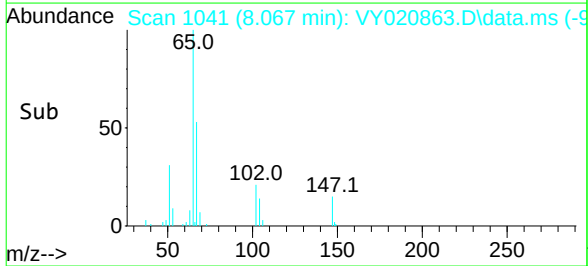
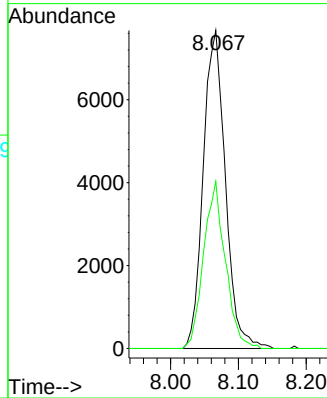
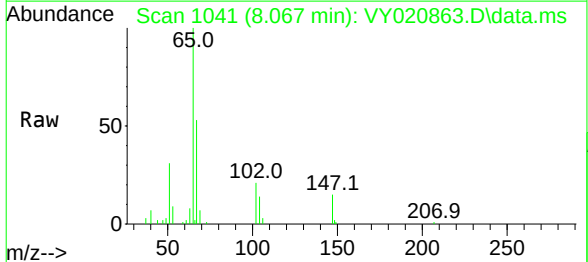




#33
 1,2-Dichloroethane-d4
 Concen: 68.310 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. -0.000 min
 Lab File: VY020863.D
 Acq: 17 Jan 2025 18:17

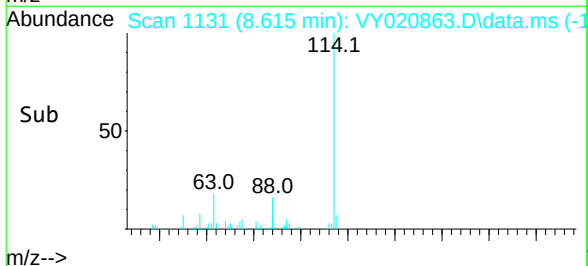
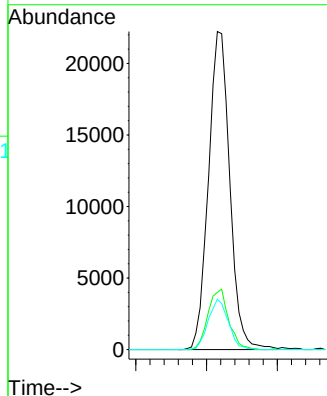
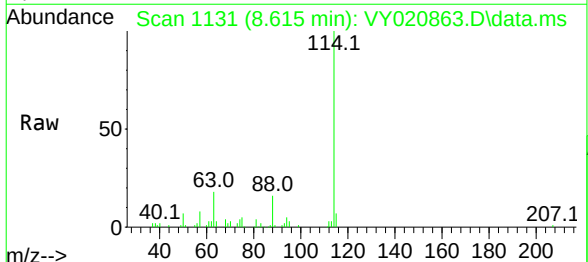
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-213-VOC

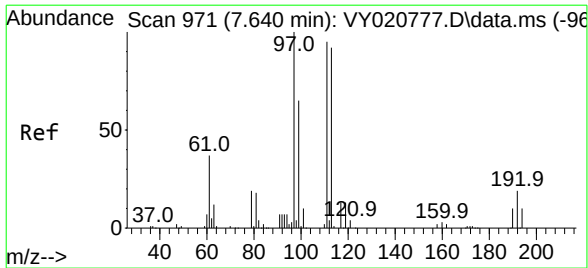
Tgt Ion:	65	Resp:	17405
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY020863.D
 Acq: 17 Jan 2025 18:17

Tgt Ion:	114	Resp:	46528
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.4
88	15.8	0.0	31.2

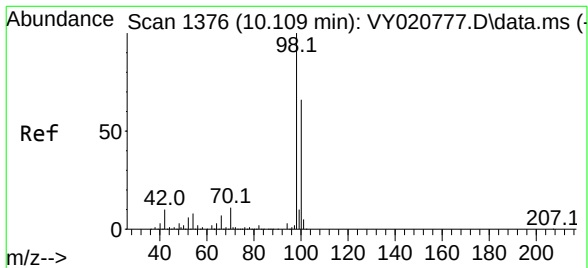
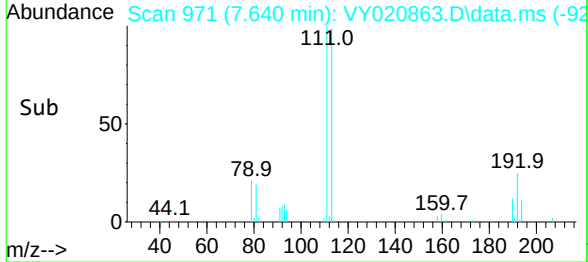
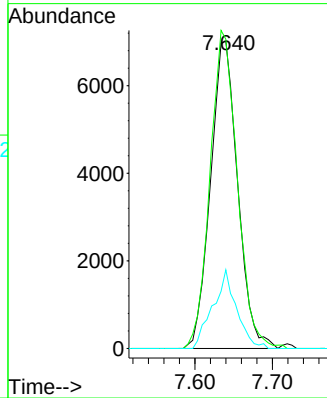
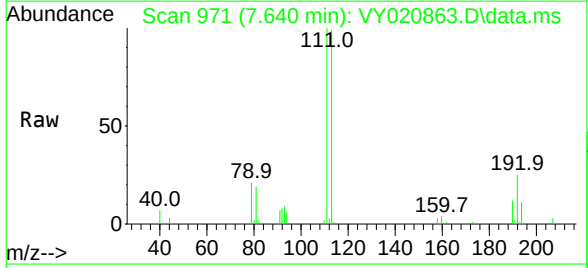




#35
Dibromofluoromethane
Concen: 58.674 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

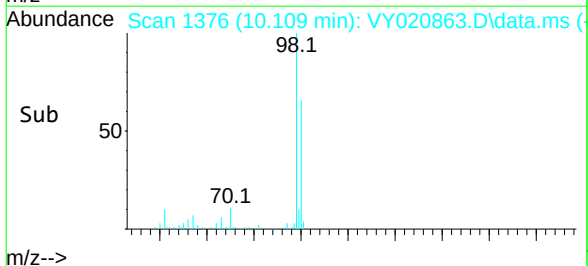
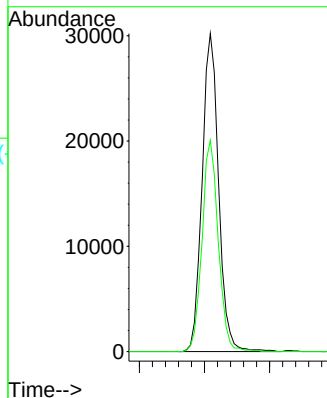
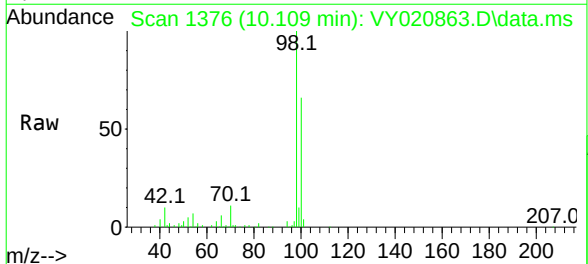
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213-VOC

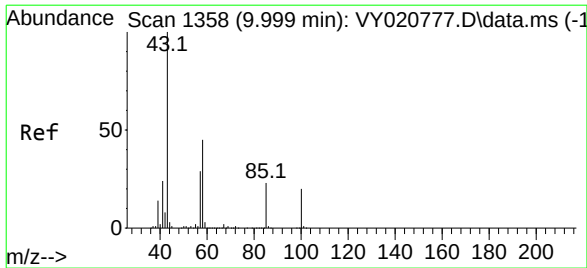
Tgt Ion:113 Resp: 17103
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 22.3 16.7 25.1



#50
Toluene-d8
Concen: 52.327 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

Tgt Ion: 98 Resp: 53172
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

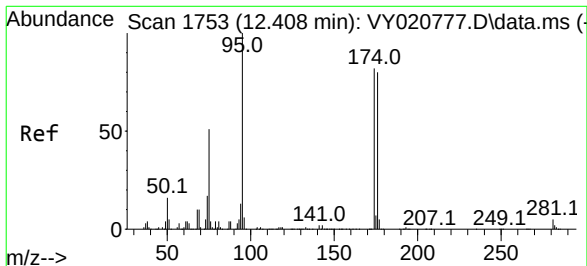
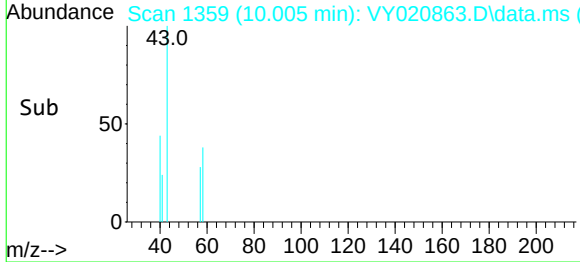
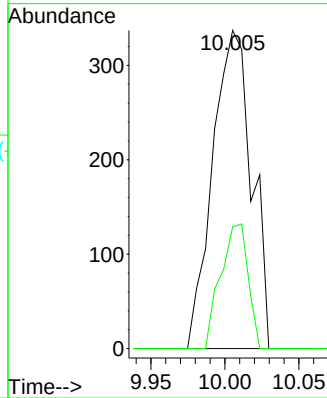
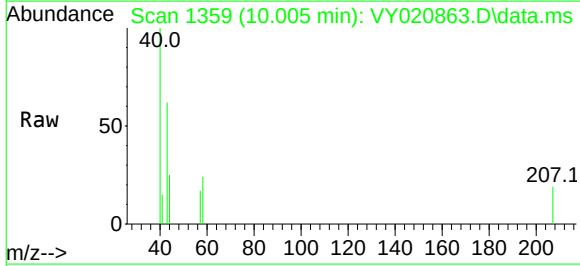




#51
4-Methyl-2-Pentanone
Concen: 4.111 ug/l
RT: 10.005 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

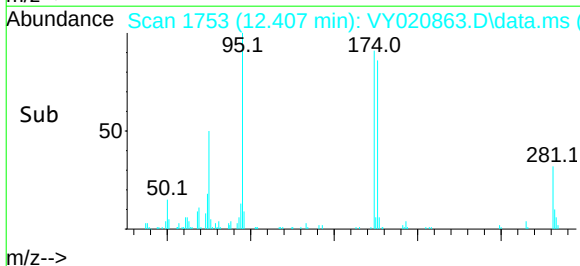
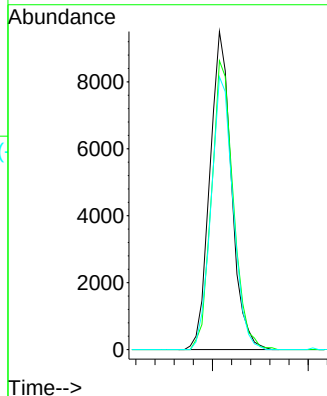
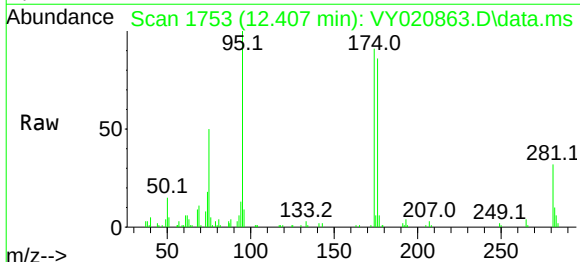
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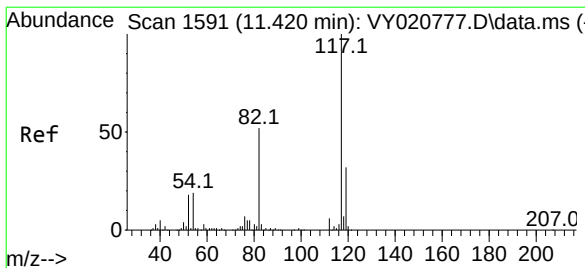
Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
58 27.5 34.8 52.2#



#62
4-Bromofluorobenzene
Concen: 39.752 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

Tgt Ion: 95 Resp: 14917
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.0
176 87.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY020863.D

Acq: 17 Jan 2025 18:17

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-213-VOC

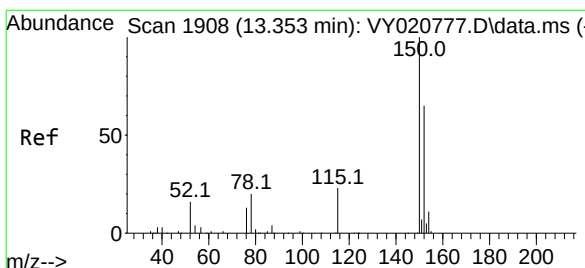
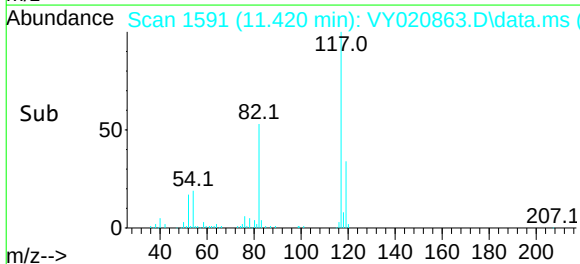
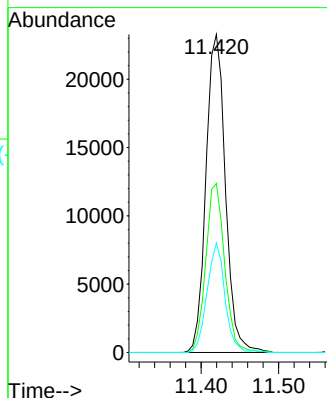
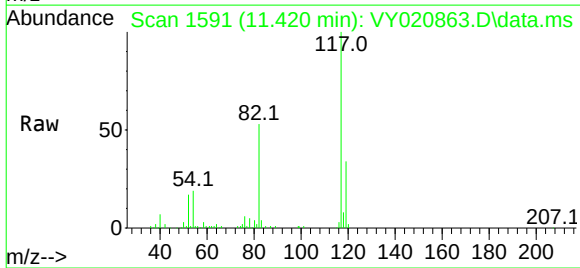
Tgt Ion:117 Resp: 40624

Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.6

119 34.4 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: VY020863.D

Acq: 17 Jan 2025 18:17

Tgt Ion:152 Resp: 13678

Ion Ratio Lower Upper

152 100

115 56.5 29.0 87.0

150 152.1 0.0 347.4

