

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020852.D
 Acq On : 17 Jan 2025 14:00
 Operator : SY/MD
 Sample : Q1115-06
 Misc : 3.38g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-214-VOC

Quant Time: Jan 17 23:25:34 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)

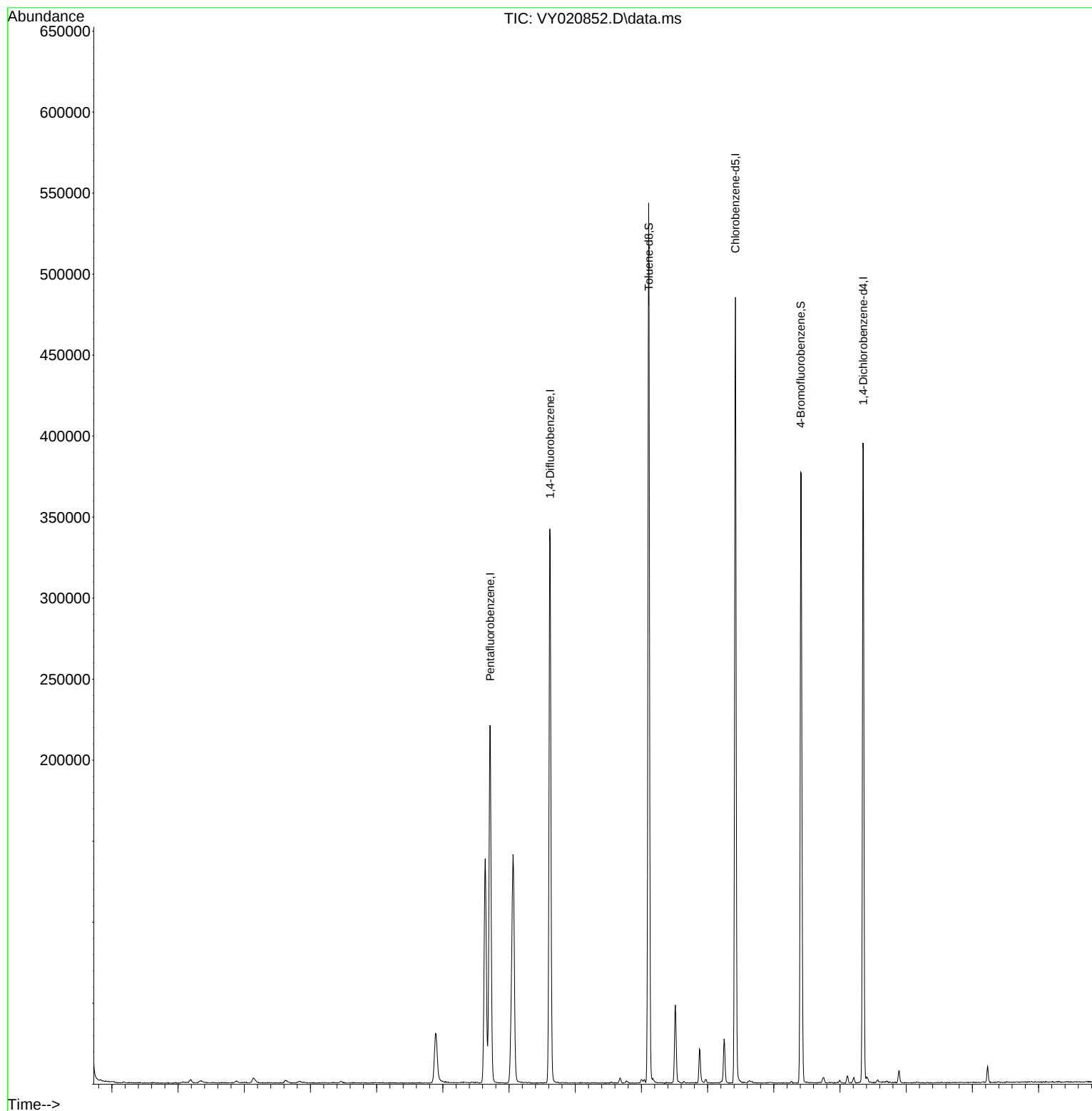
Internal Standards						
1) Pentafluorobenzene	7.713	168	178344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	305063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	269564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	108194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90323	59.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.180%
35) Dibromofluoromethane	7.640	113	98943	51.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.540%
50) Toluene-d8	10.109	98	357761	53.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.400%
62) 4-Bromofluorobenzene	12.408	95	111454	45.300	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.600%
Target Compounds						
51) 4-Methyl-2-Pentanone	9.999	43	1546	1.568	ug/l	Qvalue 98

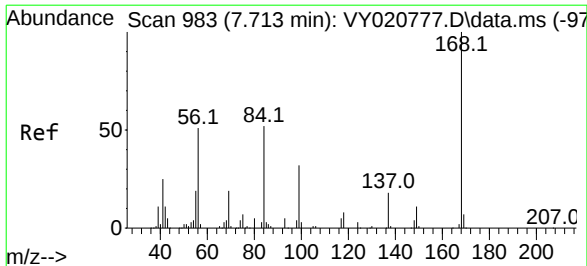
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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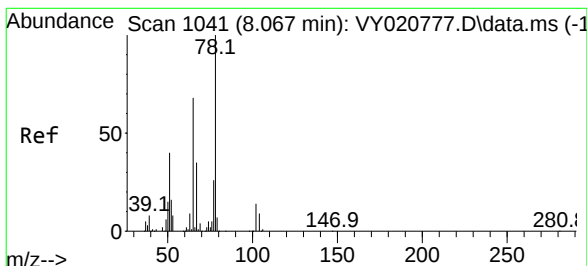
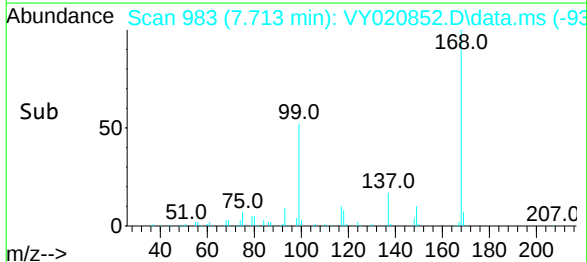
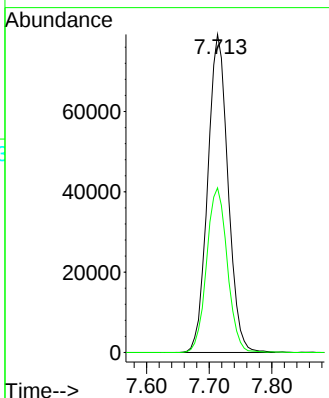
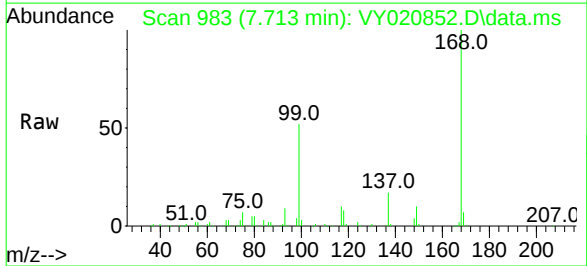




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020852.D
Acq: 17 Jan 2025 14:00

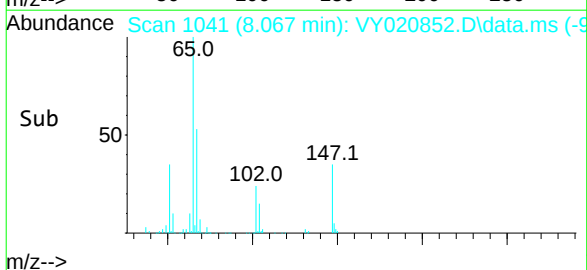
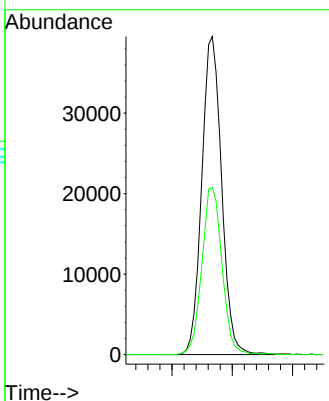
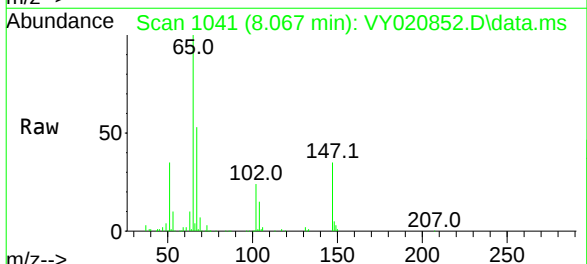
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214-VOC

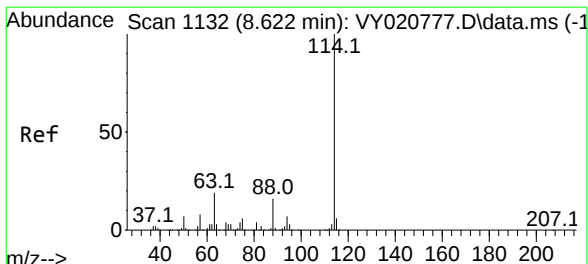
Tgt Ion:168 Resp: 178344
Ion Ratio Lower Upper
168 100
99 51.8 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 59.585 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020852.D
Acq: 17 Jan 2025 14:00

Tgt Ion: 65 Resp: 90323
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.8

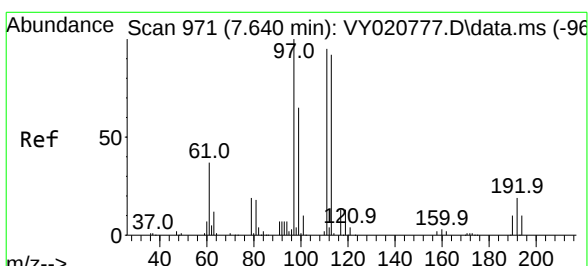
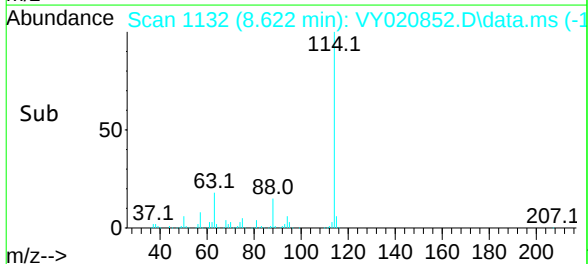
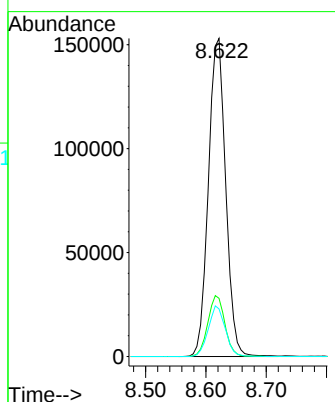
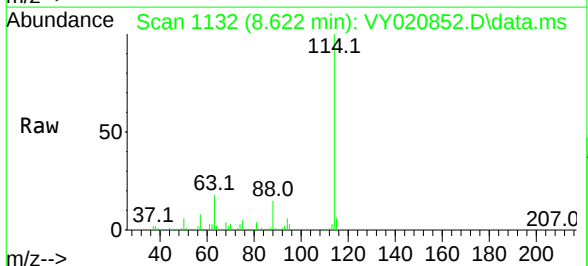




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY020852.D
 Acq: 17 Jan 2025 14:00

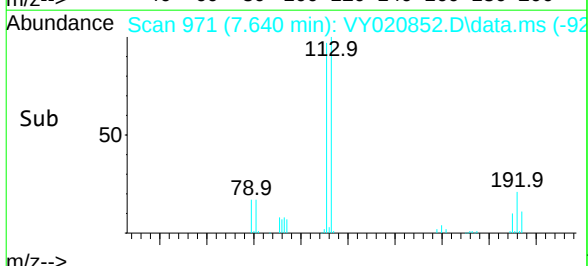
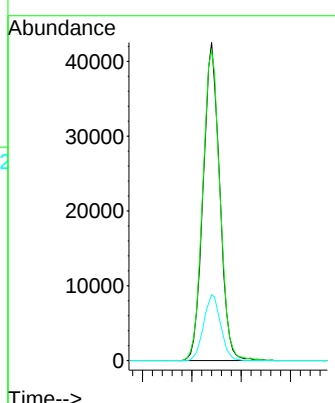
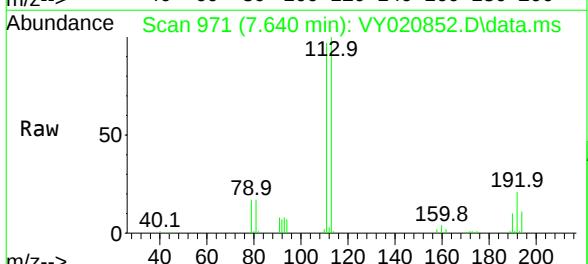
Instrument :
 MSVOA_Y
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 VNJ-214-VOC

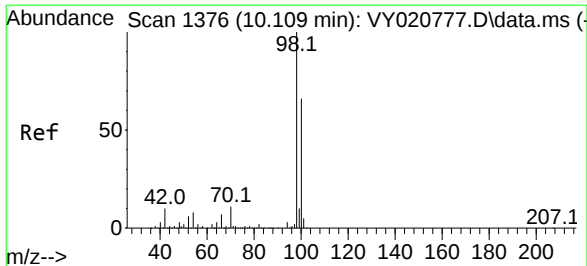
Tgt Ion:	114	Resp:	305063
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	38.4
88	15.0	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 51.770 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.000 min
 Lab File: VY020852.D
 Acq: 17 Jan 2025 14:00

Tgt Ion:	113	Resp:	98943
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	21.3	16.7	25.1





#50

Toluene-d8

Concen: 53.698 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020852.D

Acq: 17 Jan 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

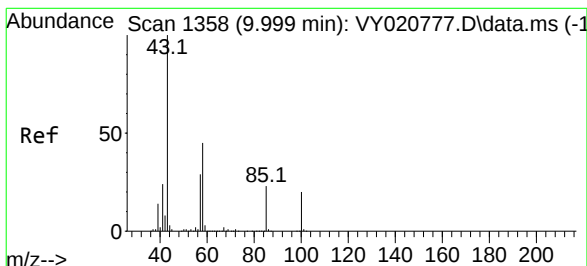
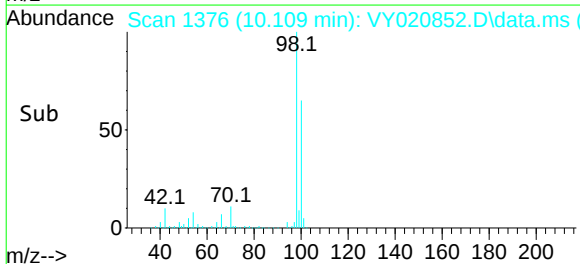
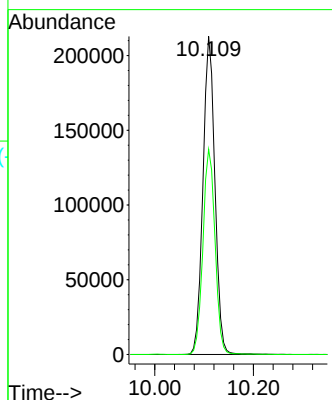
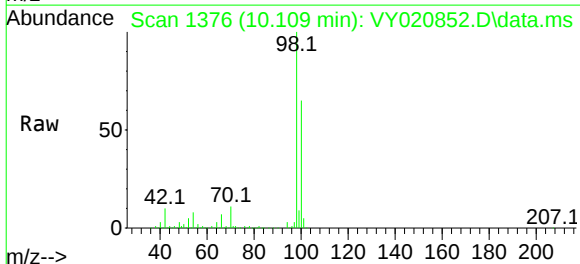
VNJ-214-VOC

Tgt Ion: 98 Resp: 357761

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 1.568 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY020852.D

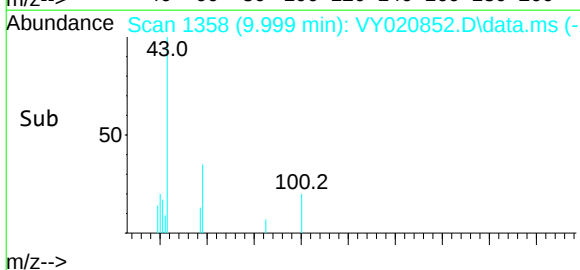
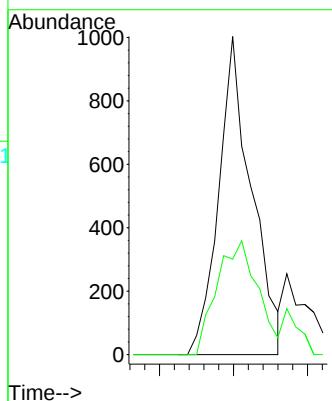
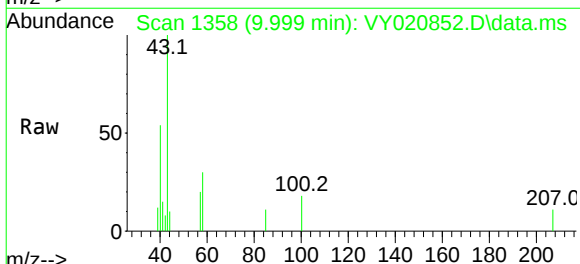
Acq: 17 Jan 2025 14:00

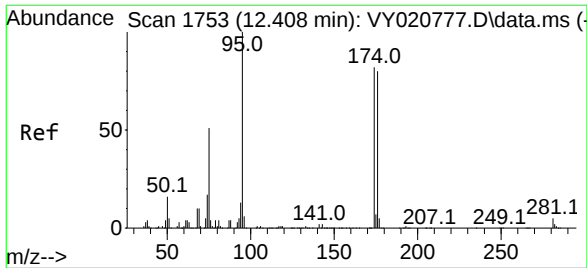
Tgt Ion: 43 Resp: 1546

Ion Ratio Lower Upper

43 100

58 44.8 34.8 52.2

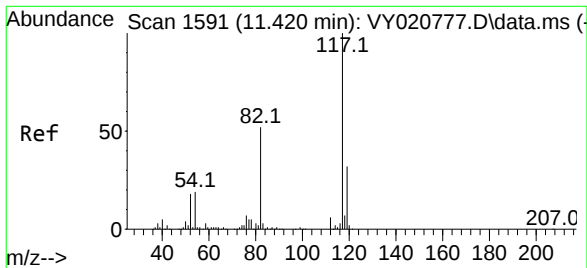
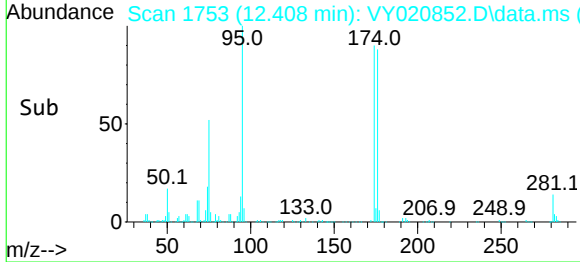
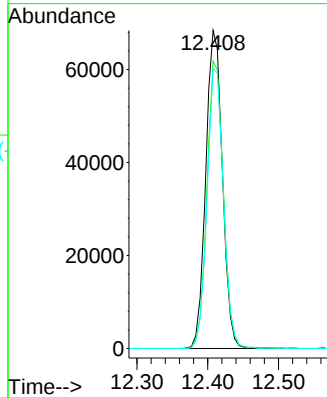
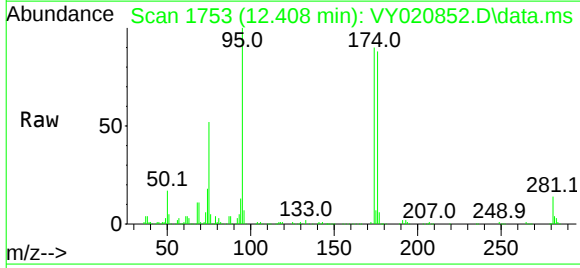




#62
4-Bromofluorobenzene
Concen: 45.300 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY020852.D
Acq: 17 Jan 2025 14:00

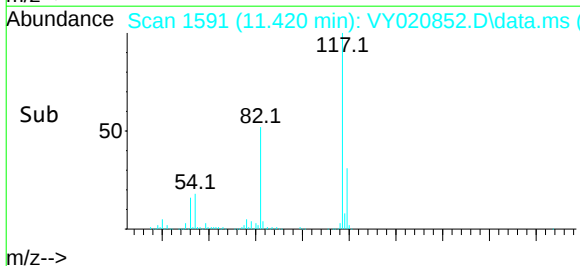
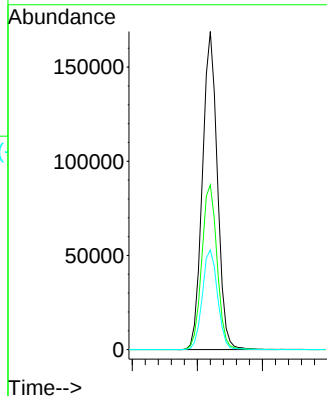
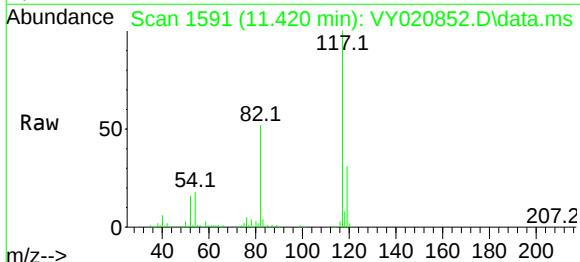
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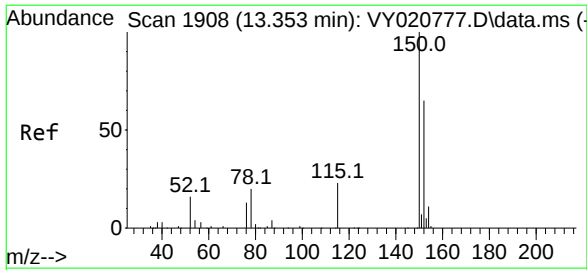
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	178.0
176	86.8	0.0	172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020852.D
Acq: 17 Jan 2025 14:00

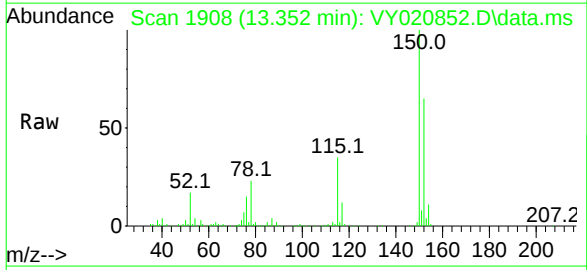
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.8	62.6
119	31.3	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY020852.D
 Acq: 17 Jan 2025 14:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-214-VOC



Tgt Ion:152 Resp: 108194
 Ion Ratio Lower Upper
 152 100
 115 56.9 29.0 87.0
 150 157.1 0.0 347.4

