

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020859.D
 Acq On : 17 Jan 2025 16:44
 Operator : SY/MD
 Sample : Q1115-03
 Misc : 3.50g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 366-VOC

Quant Time: Jan 17 23:28:15 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)

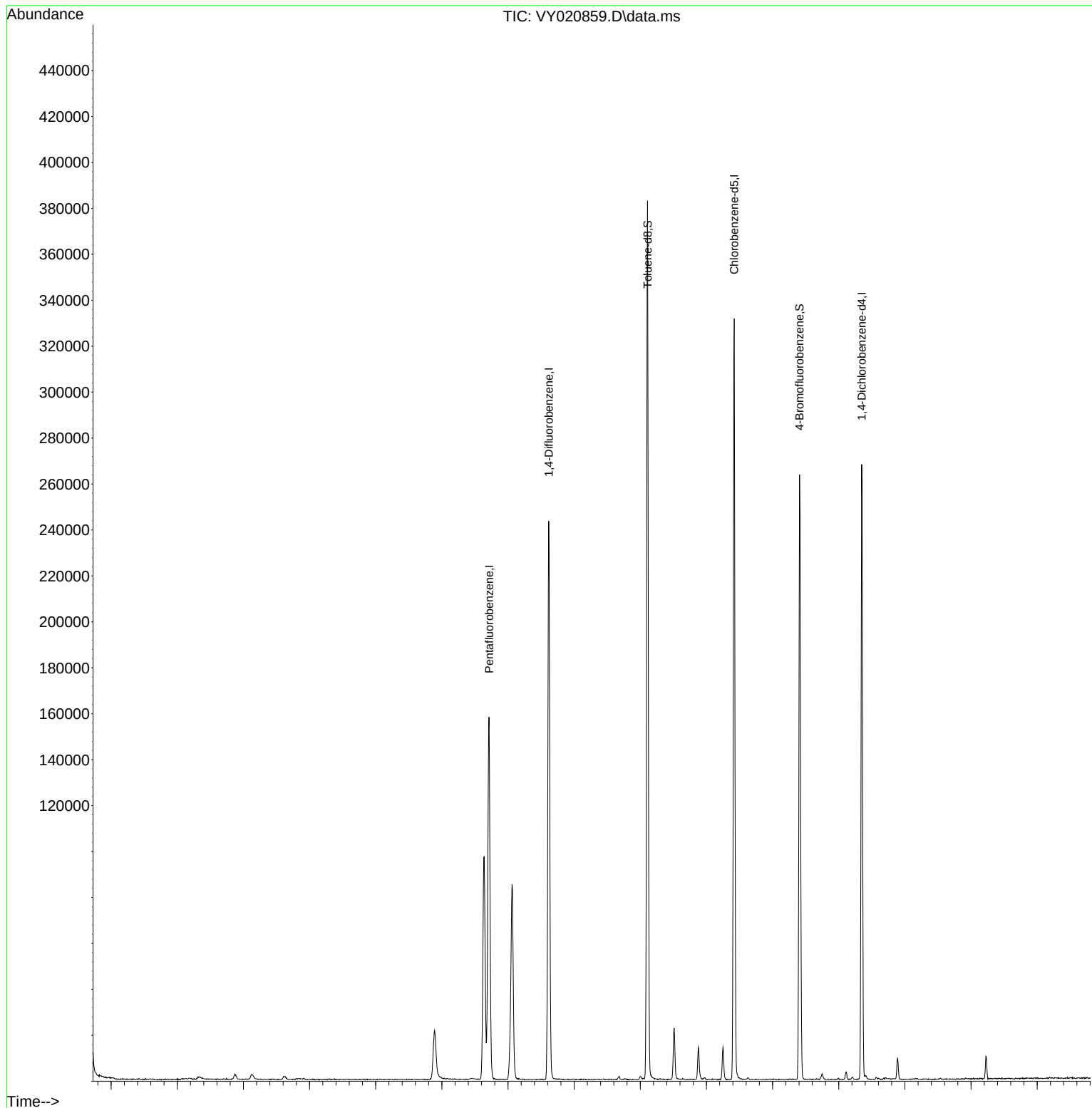
Internal Standards						
1) Pentafluorobenzene	7.713	168	129550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	217636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	187828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	73847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	61856	56.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.340%
35) Dibromofluoromethane	7.640	113	71424	52.384	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.760%
50) Toluene-d8	10.109	98	253225	53.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.560%
62) 4-Bromofluorobenzene	12.408	95	74956	42.704	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.400%
Target Compounds						
16) Acetone	3.873	43	3757	23.994	ug/l	95
51) 4-Methyl-2-Pentanone	10.006	43	1081	1.537	ug/l	97

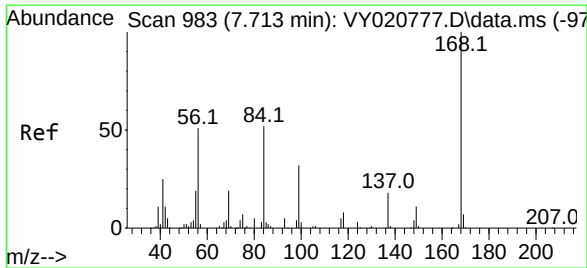
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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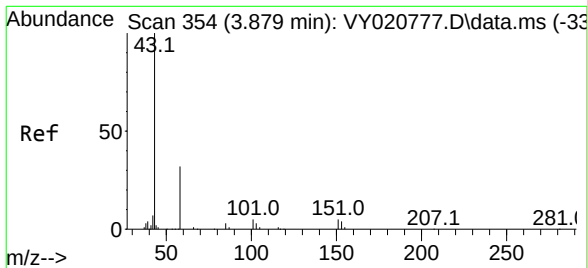
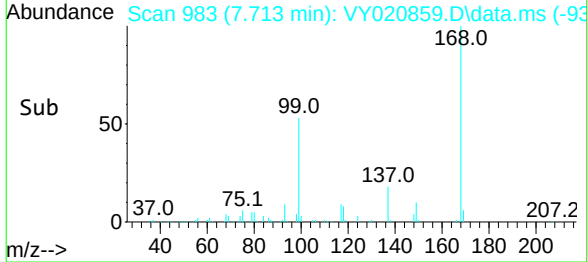
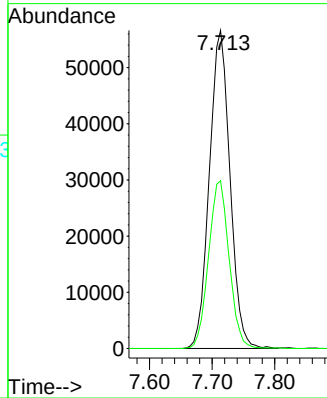
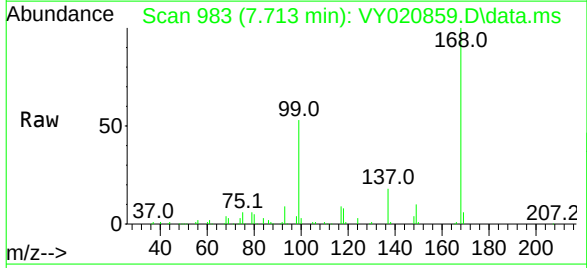




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020859.D
Acq: 17 Jan 2025 16:44

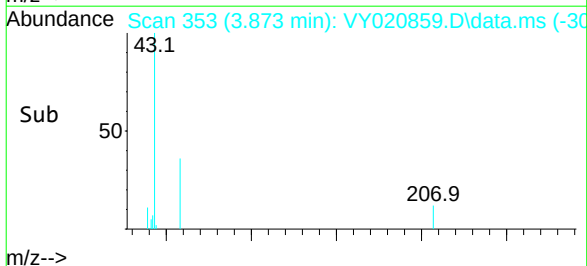
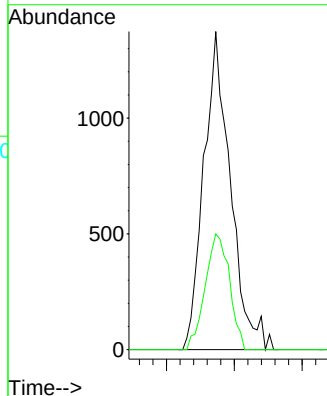
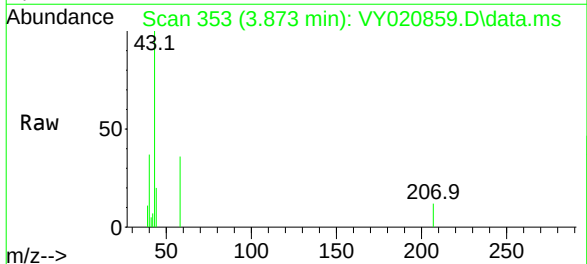
Instrument :
MSVOA_Y
ClientSampleId :
366-VOC

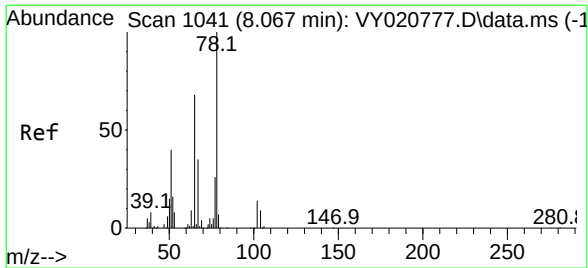
Tgt Ion:168 Resp: 129550
Ion Ratio Lower Upper
168 100
99 52.8 44.3 66.5



#16
Acetone
Concen: 23.994 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY020859.D
Acq: 17 Jan 2025 16:44

Tgt Ion: 43 Resp: 3757
Ion Ratio Lower Upper
43 100
58 36.4 26.7 40.1

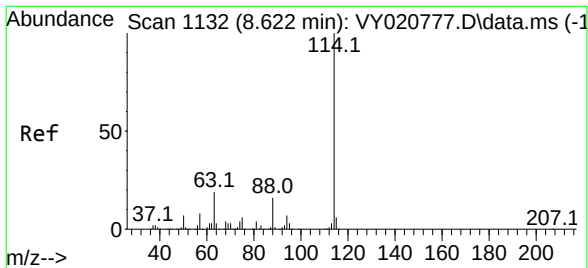
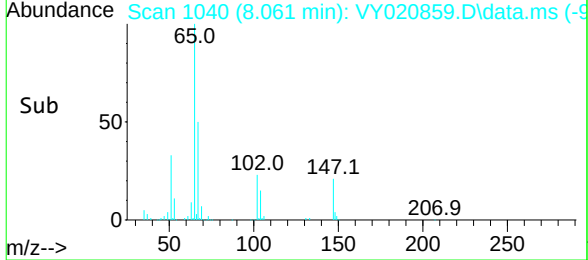
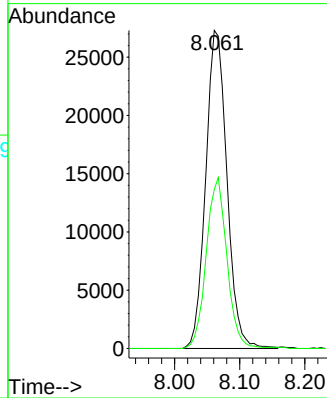
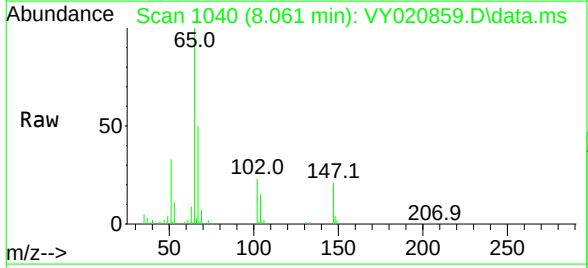




#33
1,2-Dichloroethane-d4
Concen: 56.175 ug/l
RT: 8.061 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020859.D
Acq: 17 Jan 2025 16:44

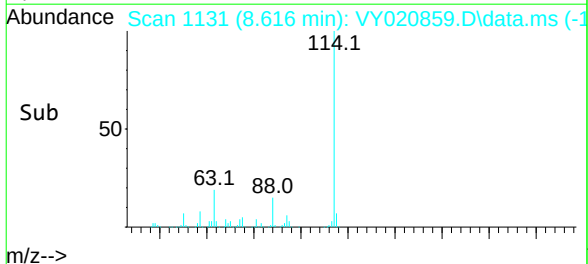
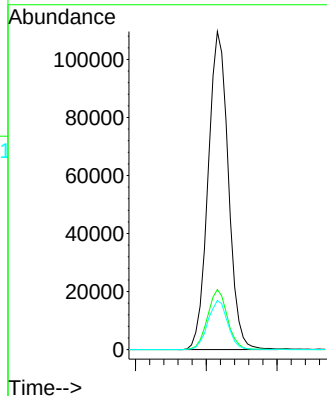
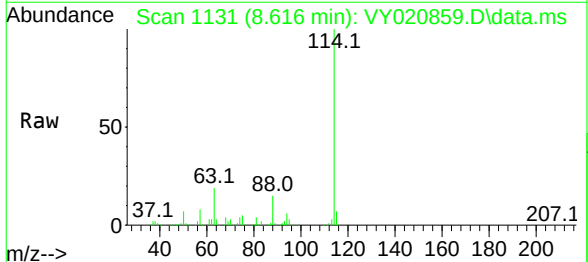
Instrument :
MSVOA_Y
ClientSampleId :
366-VOC

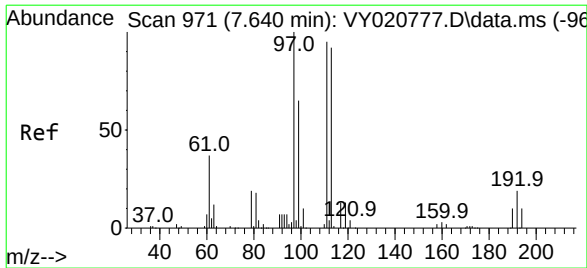
Tgt Ion: 65 Resp: 61856
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020859.D
Acq: 17 Jan 2025 16:44

Tgt Ion: 114 Resp: 217636
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 15.4 0.0 31.2

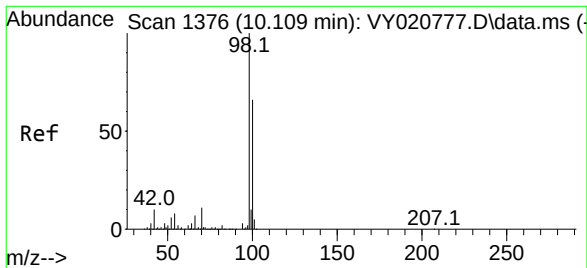
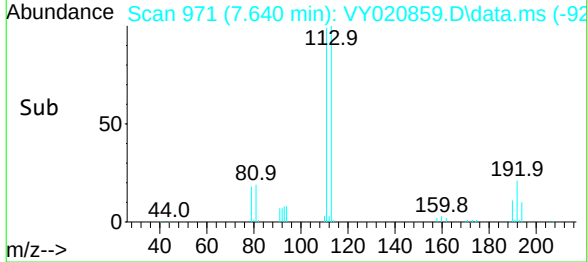
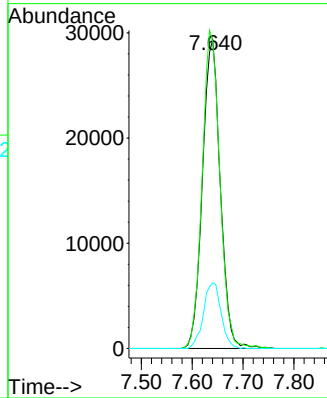
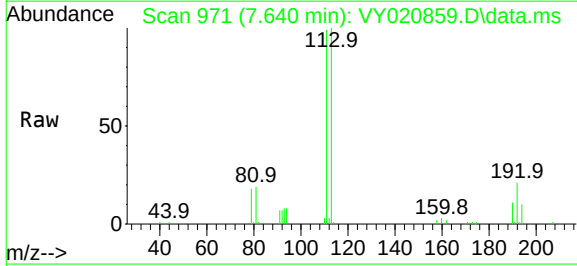




#35
Dibromofluoromethane
Concen: 52.384 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020859.D
Acq: 17 Jan 2025 16:44

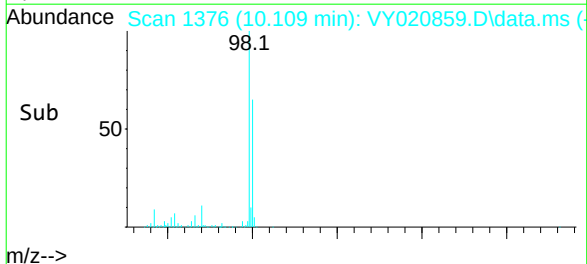
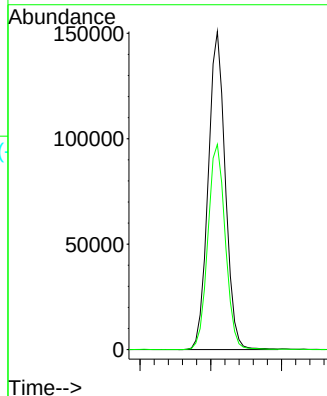
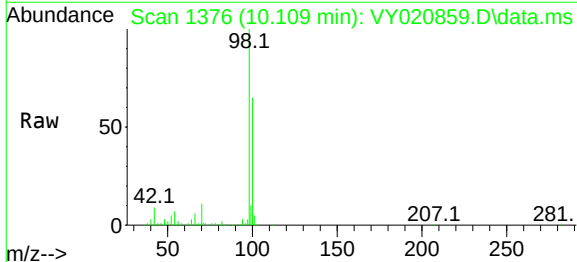
Instrument :
MSVOA_Y
ClientSampleId :
366-VOC

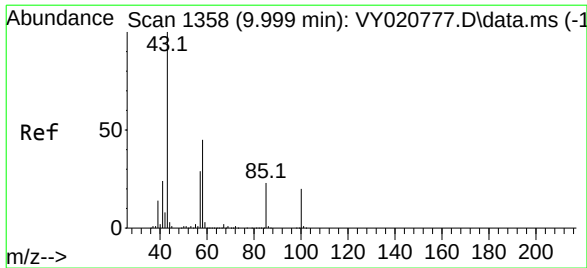
Tgt Ion:113 Resp: 71424
Ion Ratio Lower Upper
113 100
111 102.3 81.7 122.5
192 21.1 16.7 25.1



#50
Toluene-d8
Concen: 53.276 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020859.D
Acq: 17 Jan 2025 16:44

Tgt Ion: 98 Resp: 253225
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

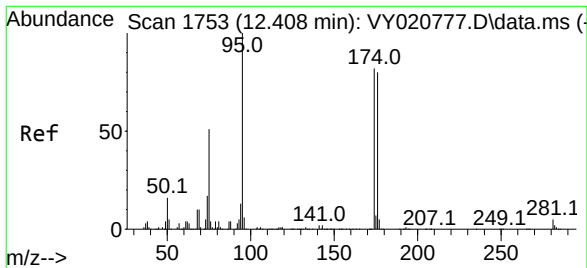
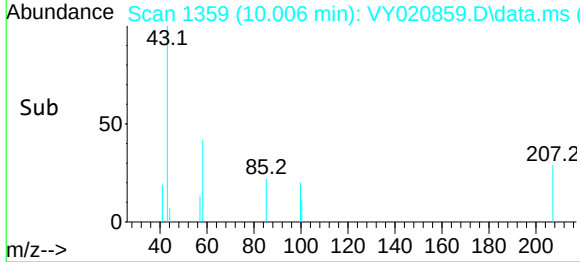
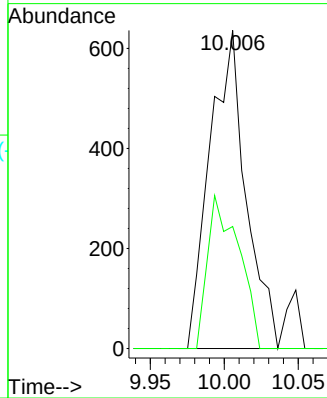
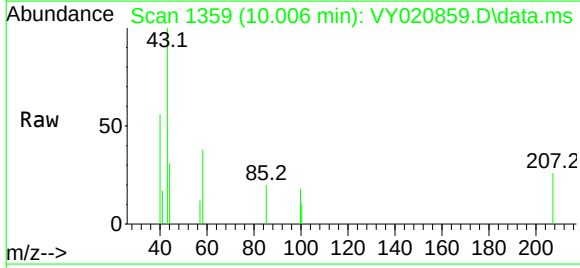




#51
4-Methyl-2-Pentanone
Concen: 1.537 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY020859.D
Acq: 17 Jan 2025 16:44

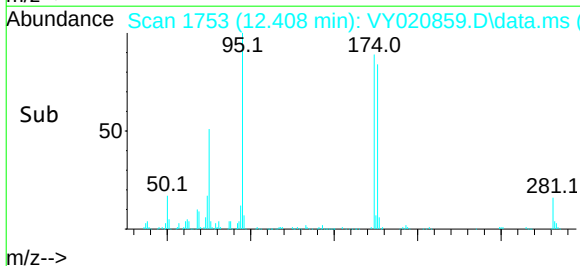
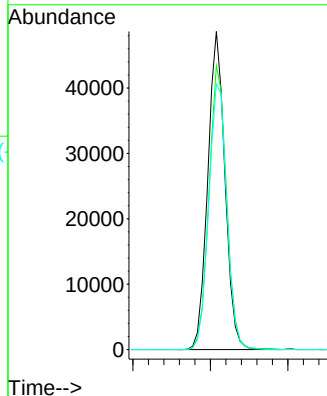
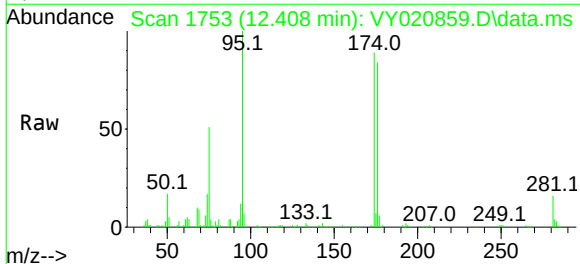
Instrument :
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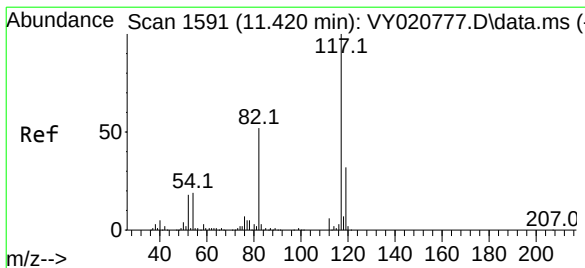
Tgt Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
58 41.8 34.8 52.2



#62
4-Bromofluorobenzene
Concen: 42.704 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020859.D
Acq: 17 Jan 2025 16:44

Tgt Ion: 95 Resp: 74956
Ion Ratio Lower Upper
95 100
174 91.2 0.0 178.0
176 87.7 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: VY020859.D

Acq: 17 Jan 2025 16:44

Instrument :

MSVOA_Y

ClientSampleId :

366-VOC

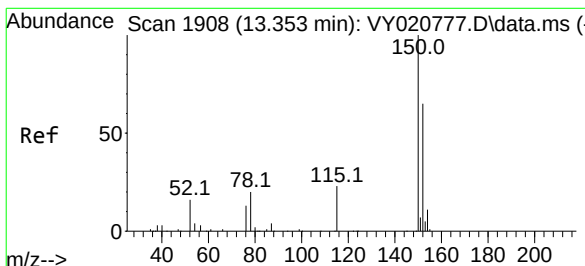
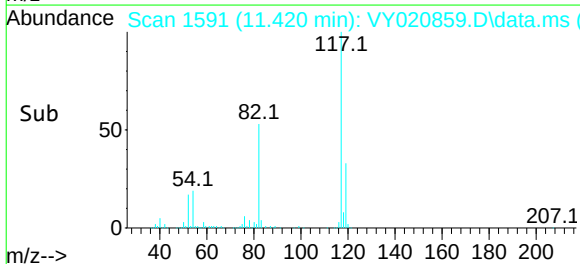
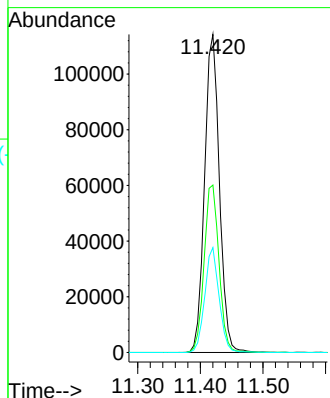
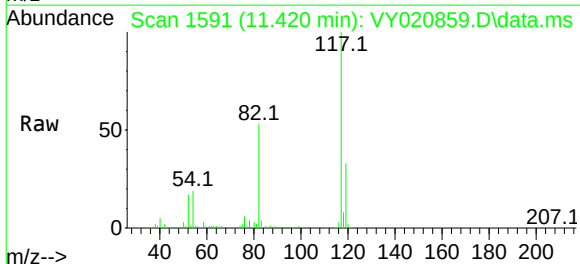
Tgt Ion:117 Resp: 187828

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.6

119 33.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020859.D

Acq: 17 Jan 2025 16:44

Tgt Ion:152 Resp: 73847

Ion Ratio Lower Upper

152 100

115 55.9 29.0 87.0

150 156.4 0.0 347.4

