

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014990.D
 Acq On : 08 Aug 2023 17:10
 Operator : SY/MD
 Sample : 03925-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEW-30103

Quant Time: Aug 09 01:02:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

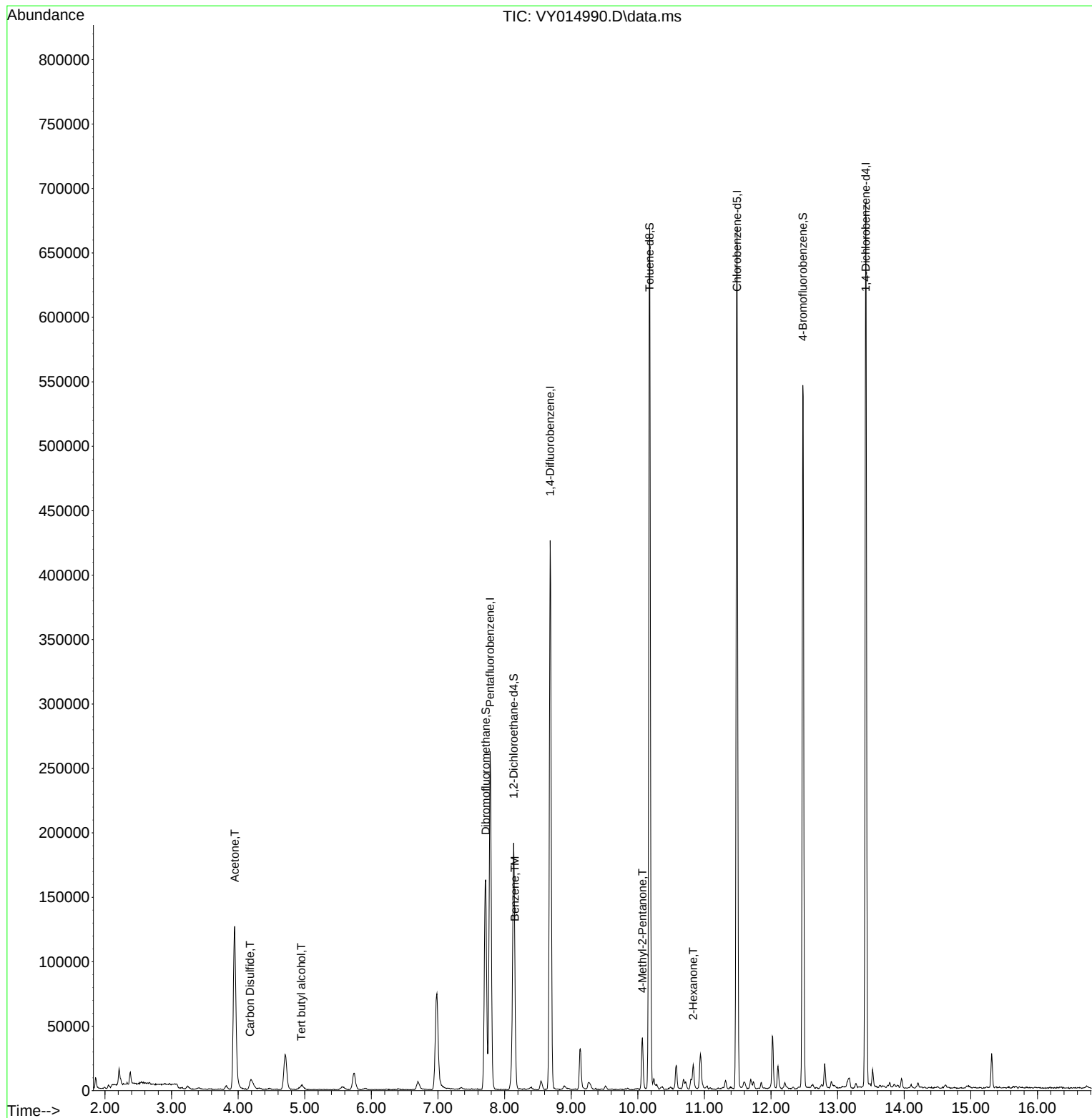
Internal Standards						
1) Pentafluorobenzene	7.783	168	198052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	362722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139494	58.112	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.220%			
35) Dibromofluoromethane	7.716	113	116392	50.179	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.360%			
50) Toluene-d8	10.179	98	438762	49.697	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.400%			
62) 4-Bromofluorobenzene	12.477	95	164640	52.617	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.240%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	7147	12.337	ug/l	98
16) Acetone	3.948	43	224044	299.310	ug/l	96
17) Carbon Disulfide	4.180	76	11103	3.208	ug/l #	93
40) Benzene	8.155	78	9331	1.100	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	25921	10.831	ug/l	93
59) 2-Hexanone	10.831	43	11924	6.745	ug/l	88

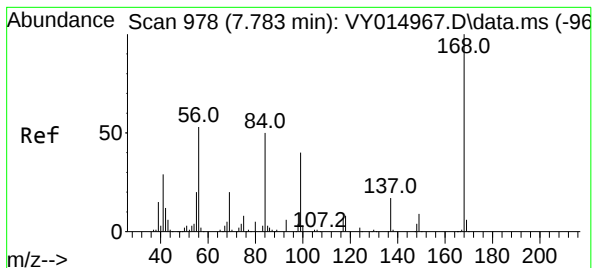
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY014990.D

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Instrument :

MSVOA_Y

ClientSampleId :

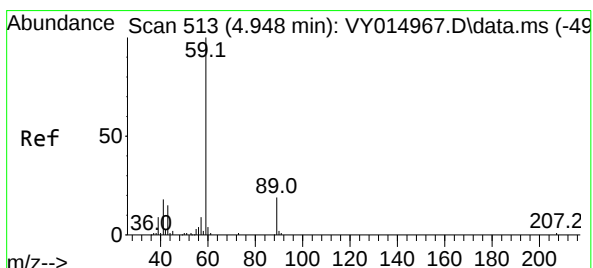
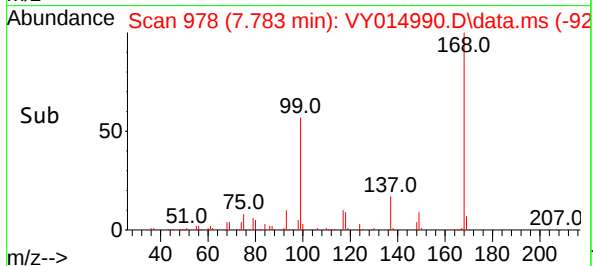
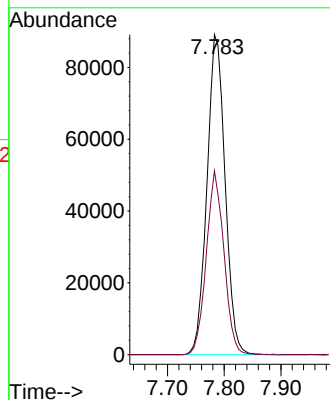
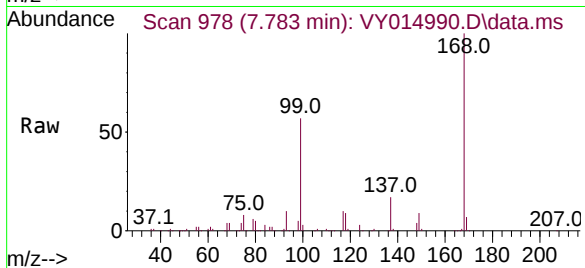
SEW-30103

Tgt Ion:168 Resp: 198052

Ion Ratio Lower Upper

168 100

99 57.5 43.4 65.0



#11

Tert butyl alcohol

Concen: 12.337 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY014990.D

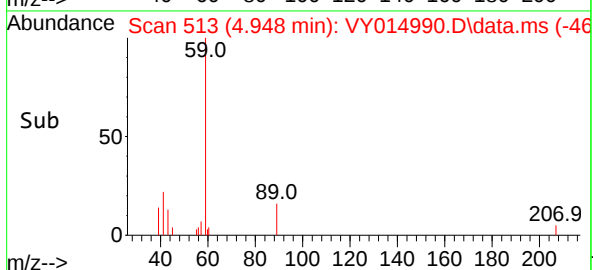
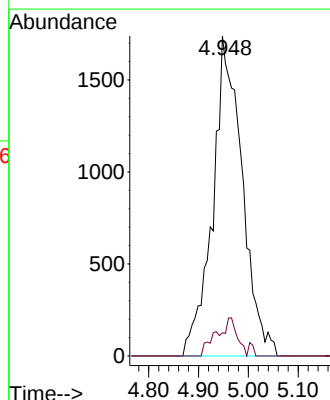
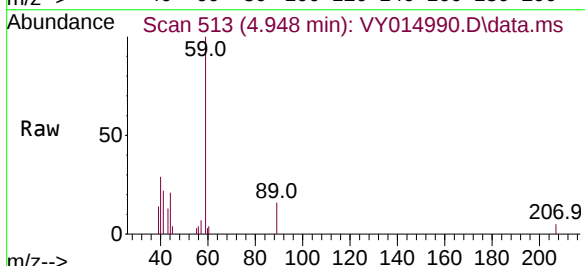
Acq: 08 Aug 2023 17:10

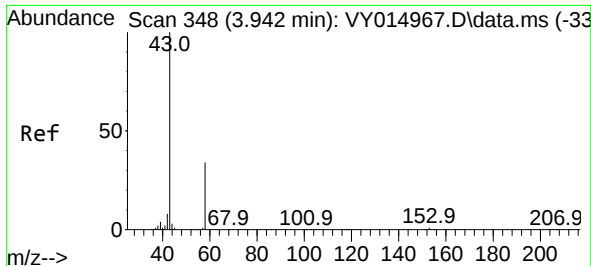
Tgt Ion: 59 Resp: 7147

Ion Ratio Lower Upper

59 100

57 3.0 3.0 4.4

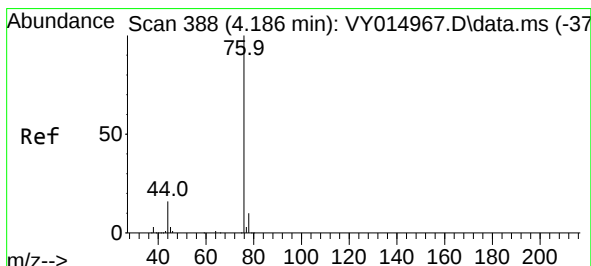
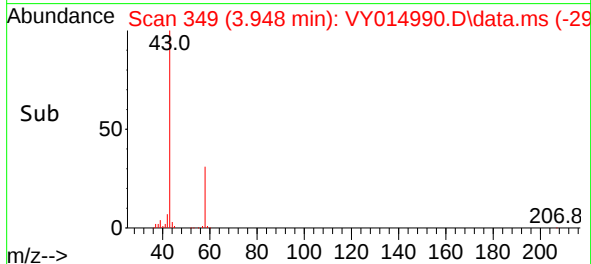
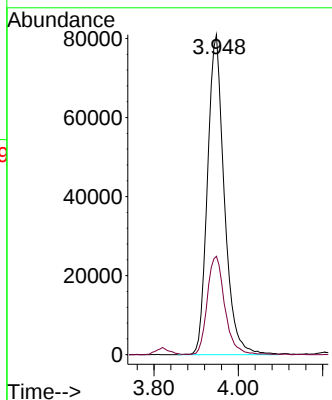
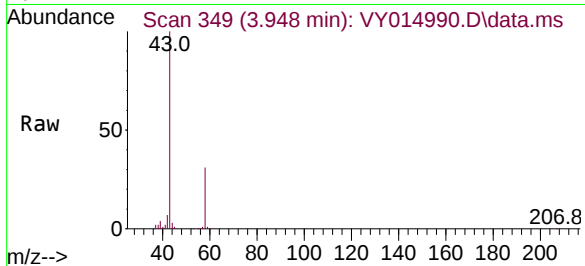




#16
Acetone
Concen: 299.310 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY014990.D
Acq: 08 Aug 2023 17:10

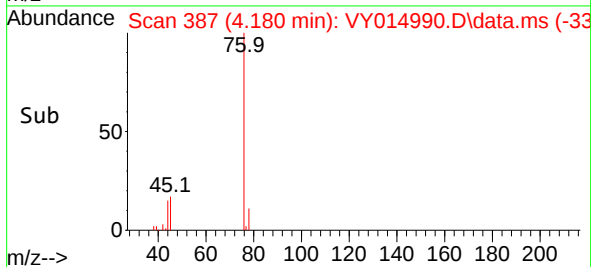
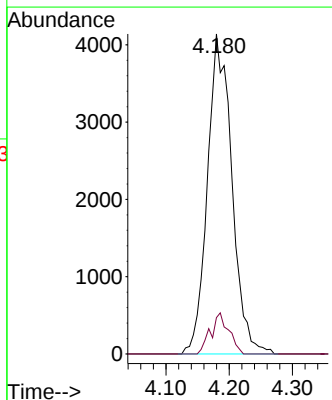
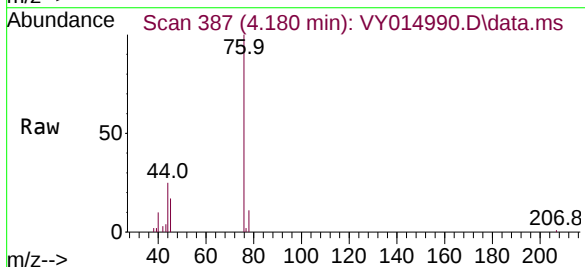
Instrument :
MSVOA_Y
ClientSampleId :
SEW-30103

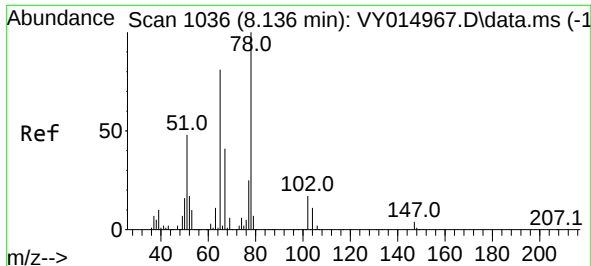
Tgt Ion: 43 Resp: 224044
Ion Ratio Lower Upper
43 100
58 30.6 22.7 34.1



#17
Carbon Disulfide
Concen: 3.208 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY014990.D
Acq: 08 Aug 2023 17:10

Tgt Ion: 76 Resp: 11103
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.4#





#33

1,2-Dichloroethane-d4

Concen: 58.112 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014990.D

Acq: 08 Aug 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

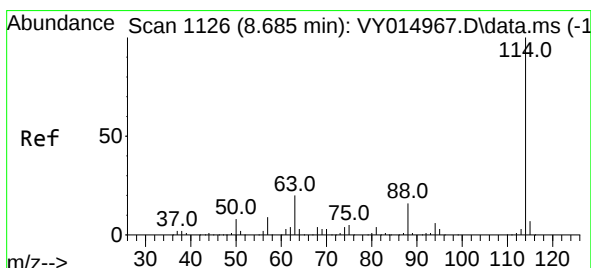
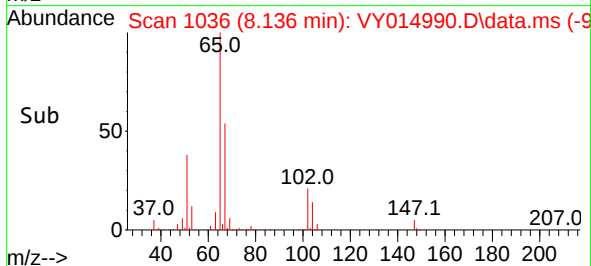
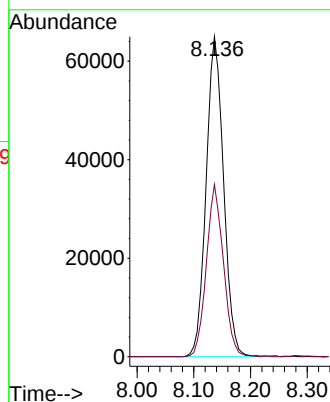
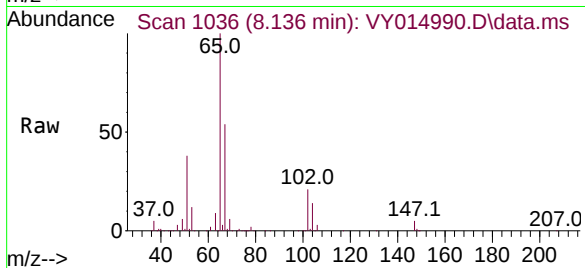
SEW-30103

Tgt Ion: 65 Resp: 139494

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014990.D

Acq: 08 Aug 2023 17:10

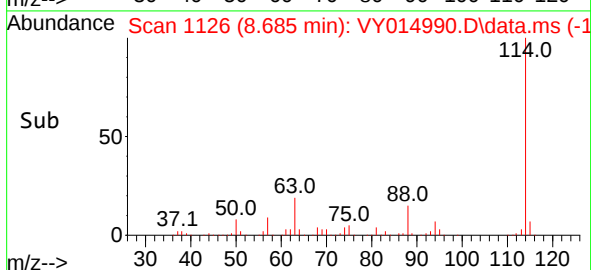
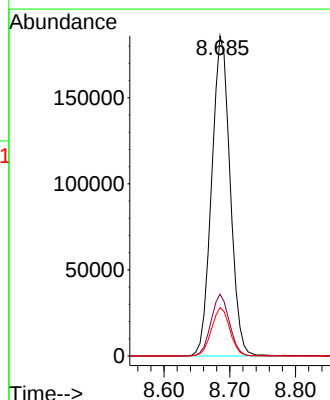
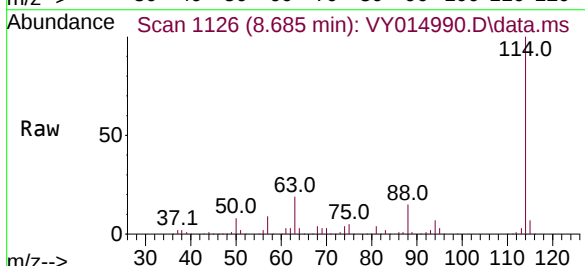
Tgt Ion: 114 Resp: 362722

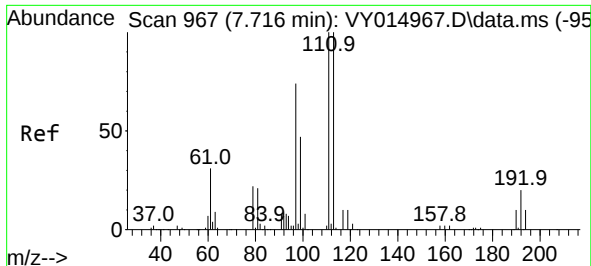
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.1 0.0 30.6

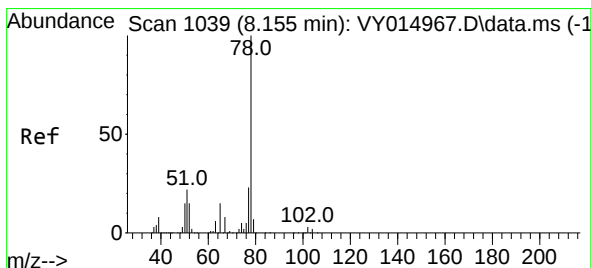
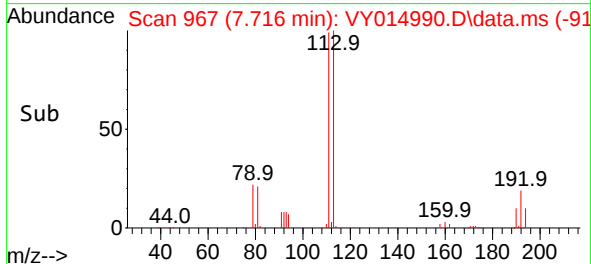
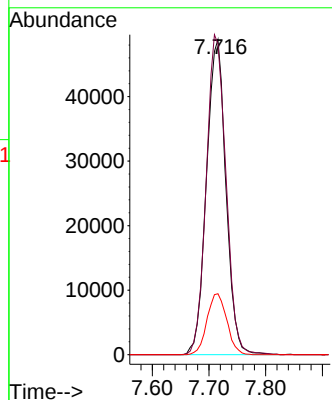
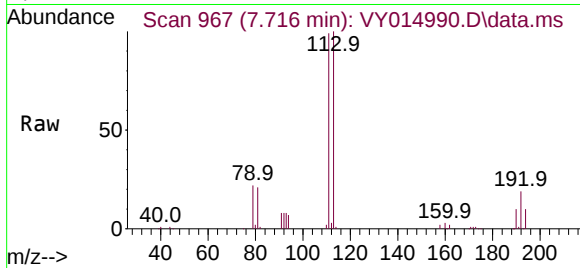




#35
Dibromofluoromethane
Concen: 50.179 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014990.D
Acq: 08 Aug 2023 17:10

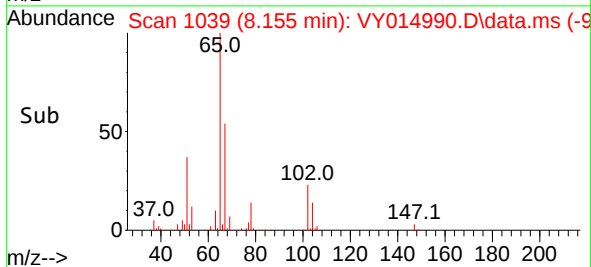
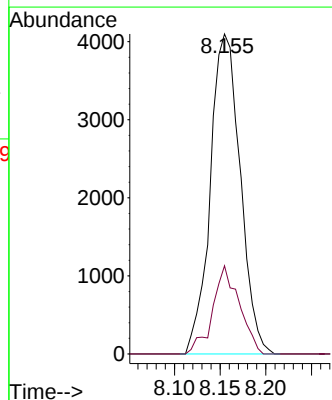
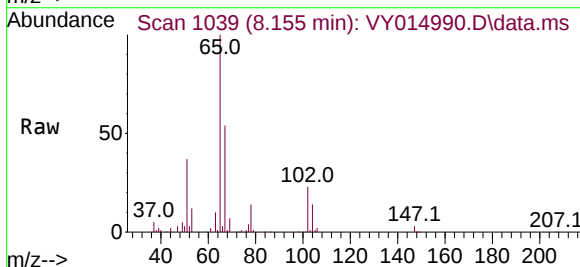
Instrument :
MSVOA_Y
ClientSampleId :
SEW-30103

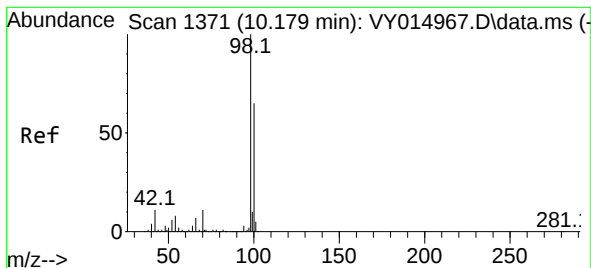
Tgt Ion:113 Resp: 116392
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.7 16.9 25.3



#40
Benzene
Concen: 1.100 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY014990.D
Acq: 08 Aug 2023 17:10

Tgt Ion: 78 Resp: 9331
Ion Ratio Lower Upper
78 100
77 27.6 19.0 28.6





#50

Toluene-d8

Concen: 49.697 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014990.D

Acq: 08 Aug 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

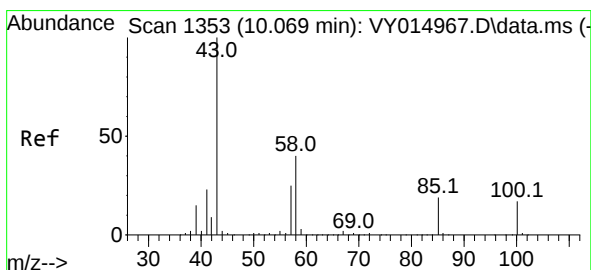
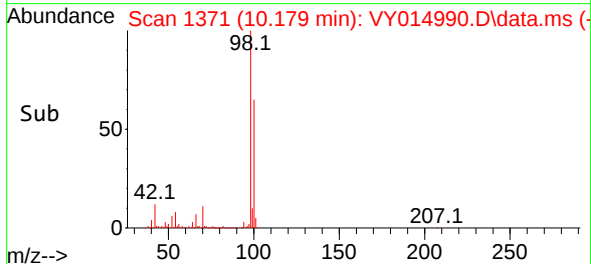
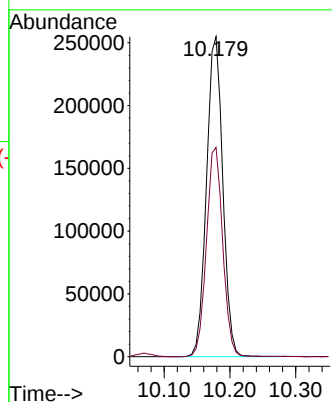
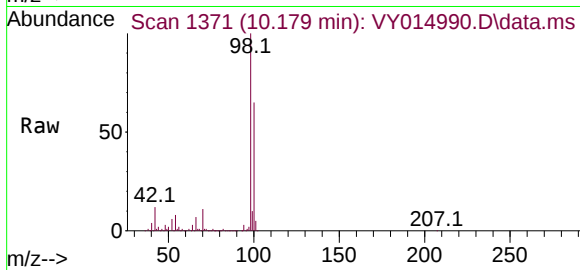
SEW-30103

Tgt Ion: 98 Resp: 438762

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 10.831 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY014990.D

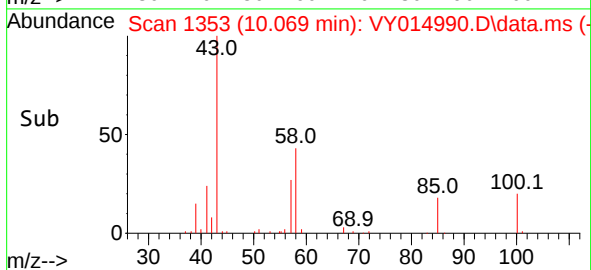
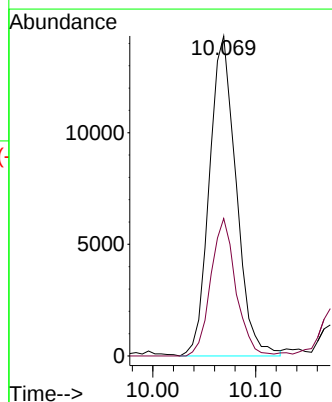
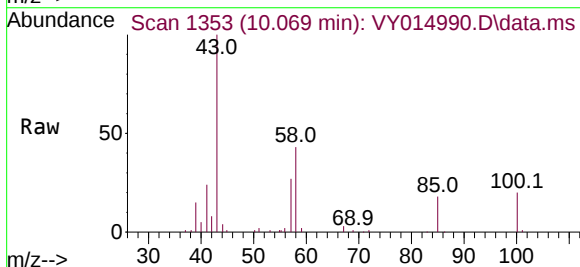
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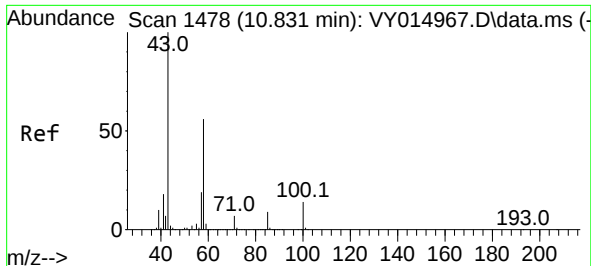
Tgt Ion: 43 Resp: 25921

Ion Ratio Lower Upper

43 100

58 40.3 29.0 43.6

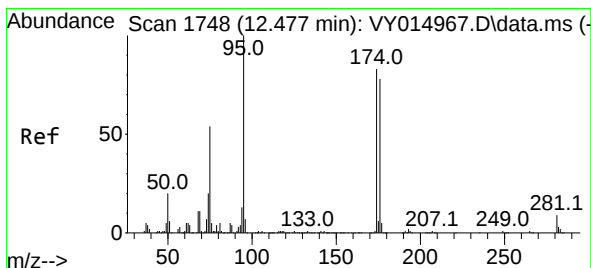
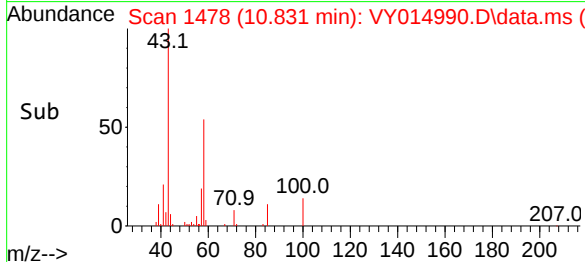
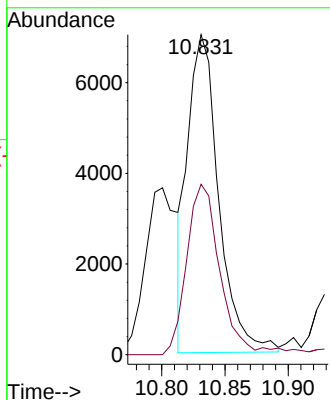
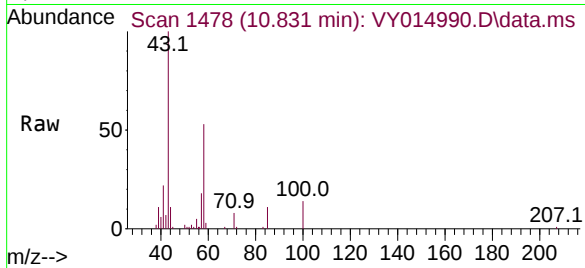




#59
2-Hexanone
Concen: 6.745 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014990.D
Acq: 08 Aug 2023 17:10

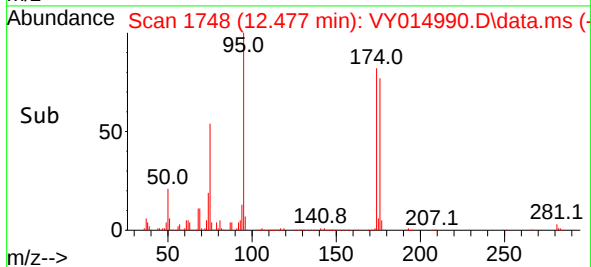
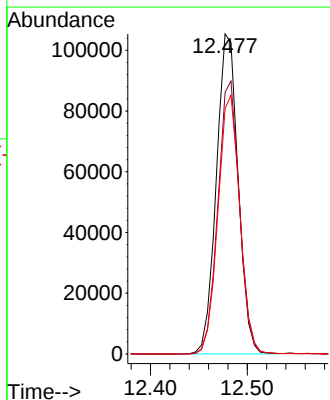
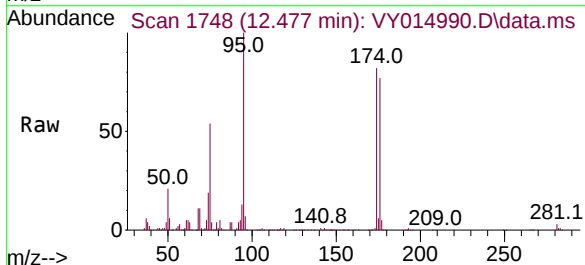
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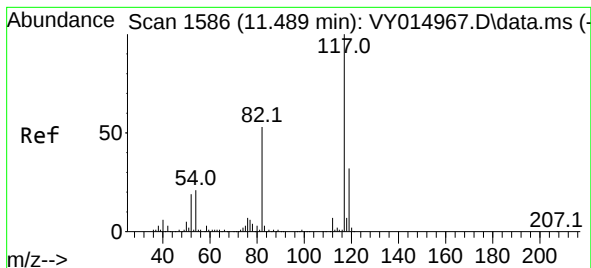
Tgt Ion: 43 Resp: 11924
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3



#62
4-Bromofluorobenzene
Concen: 52.617 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014990.D
Acq: 08 Aug 2023 17:10

Tgt Ion: 95 Resp: 164640
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 80.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014990.D

Acq: 08 Aug 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SEW-30103

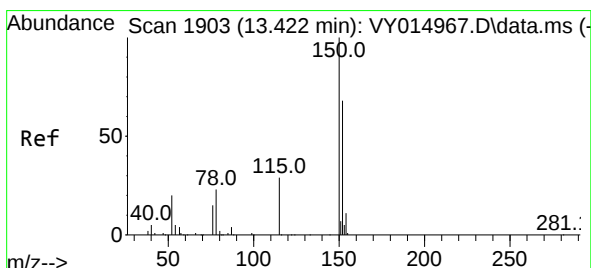
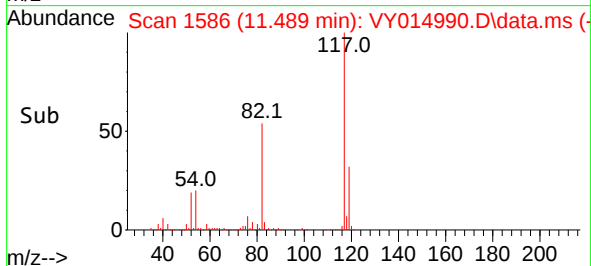
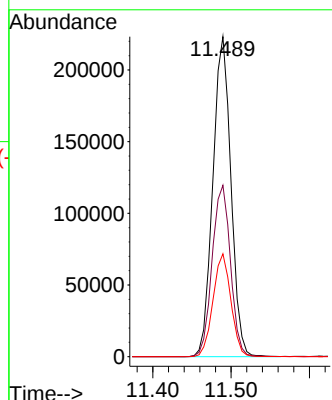
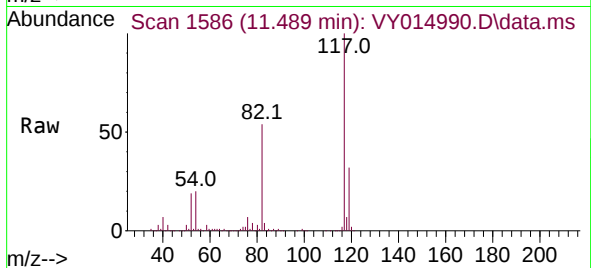
Tgt Ion:117 Resp: 357811

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014990.D

Acq: 08 Aug 2023 17:10

Tgt Ion:152 Resp: 172968

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 157.4 0.0 348.8

