

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014281.D
 Acq On : 20 Jun 2023 14:22
 Operator : KP/MD
 Sample : 03256-25
 Misc : 12.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TP6-5-4-10W

Quant Time: Jun 21 02:07:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

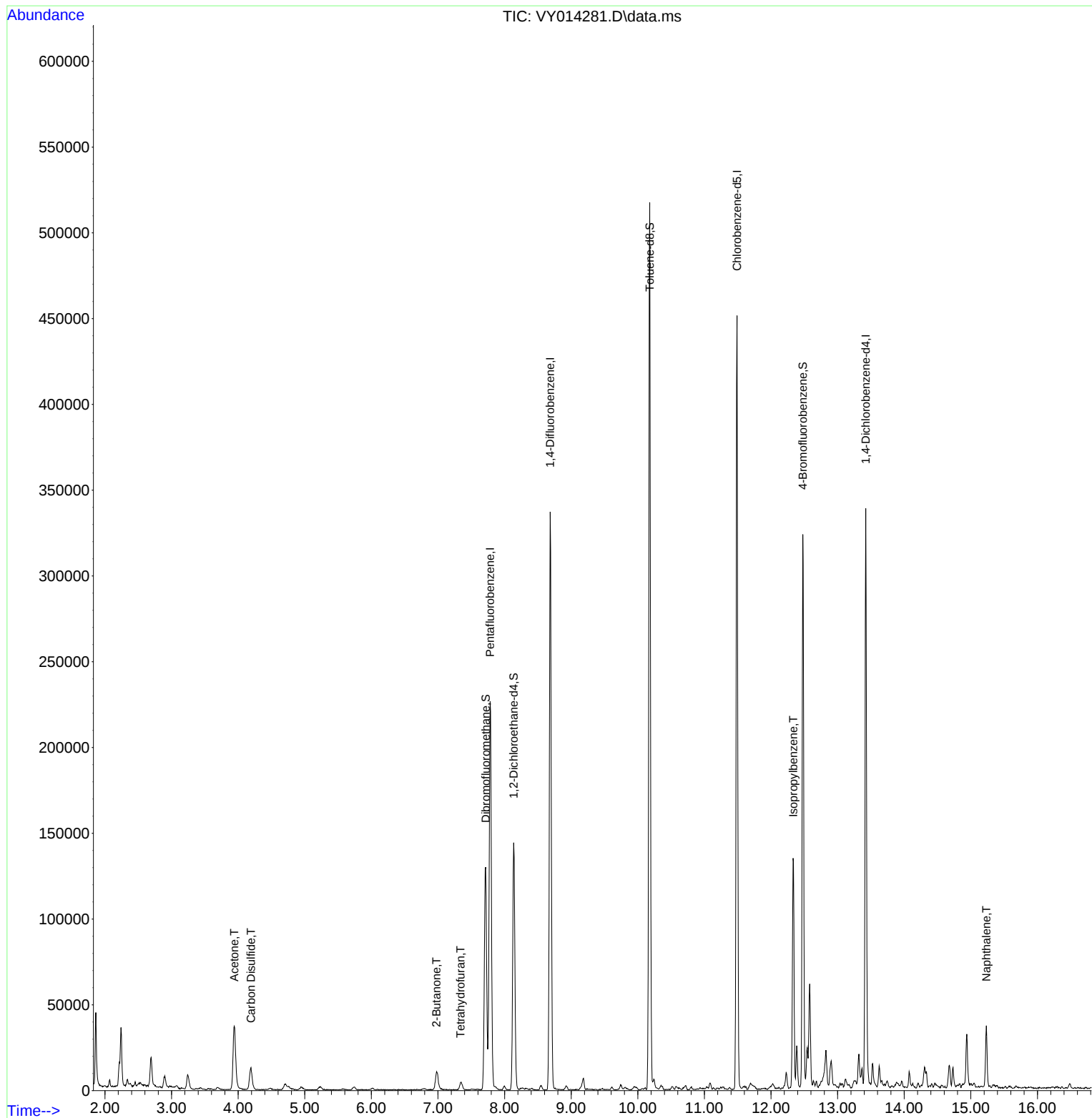
Internal Standards						
1) Pentafluorobenzene	7.783	168	173125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119813	49.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.400%
35) Dibromofluoromethane	7.716	113	89433	46.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.880%
50) Toluene-d8	10.179	98	328801	45.673	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.340%
62) 4-Bromofluorobenzene	12.477	95	91244	35.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.360%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	67239	92.528	ug/l	98
17) Carbon Disulfide	4.192	76	22745	3.551	ug/l	95
25) 2-Butanone	6.978	43	11640	13.013	ug/l	93
29) Tetrahydrofuran	7.338	42	3231	5.696	ug/l	93
73) Isopropylbenzene	12.337	105	6815	1.053	ug/l #	69
95) Naphthalene	15.233	128	28999	7.733	ug/l	99

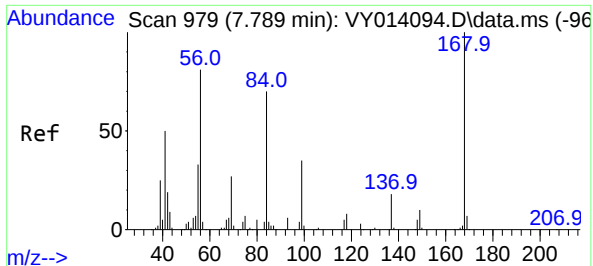
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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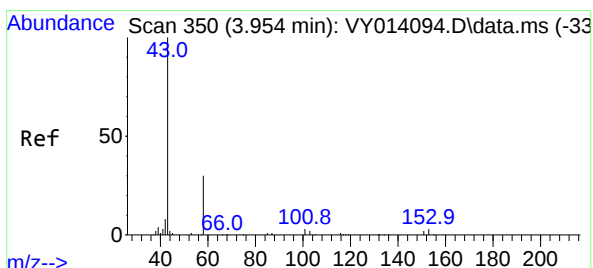
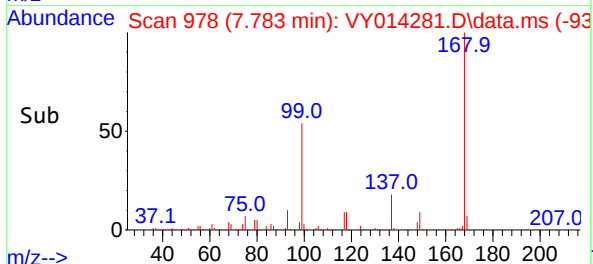
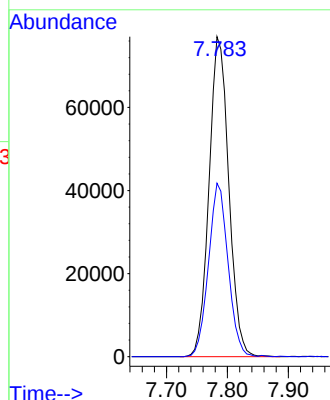
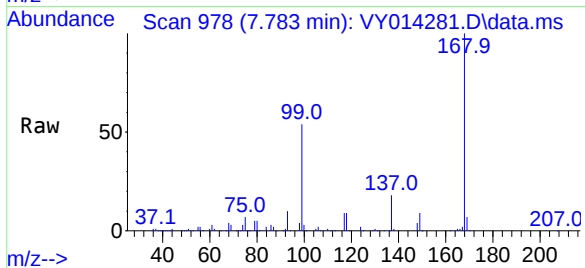




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014281.D
Acq: 20 Jun 2023 14:22

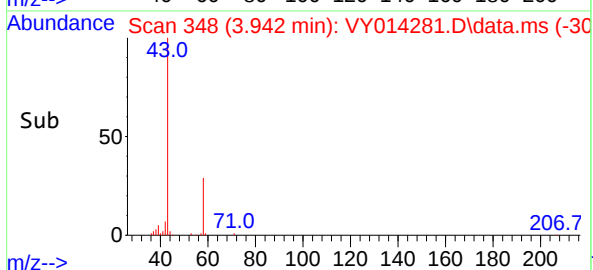
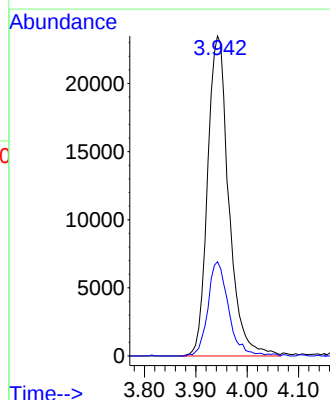
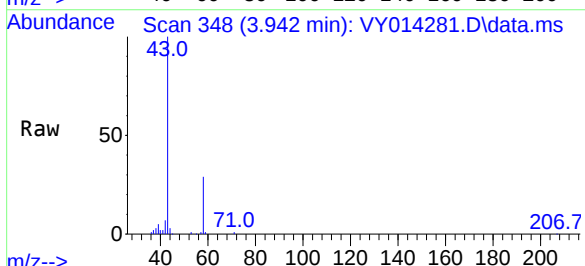
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-5-4-10W

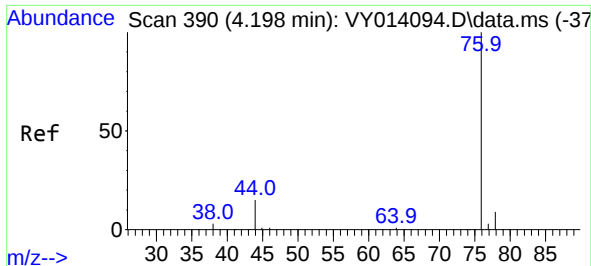
Tgt Ion:168 Resp: 173125
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 92.528 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014281.D
Acq: 20 Jun 2023 14:22

Tgt Ion: 43 Resp: 67239
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1

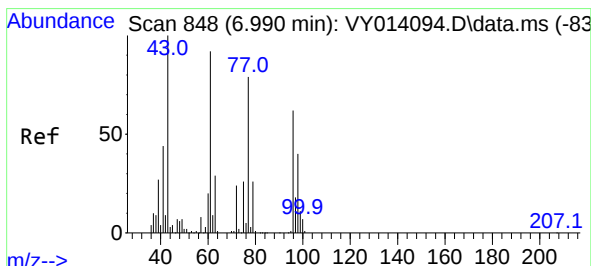
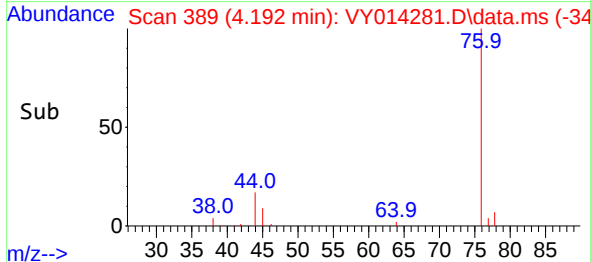
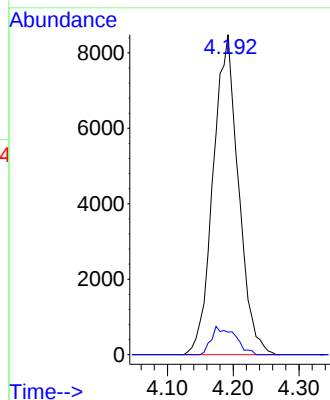
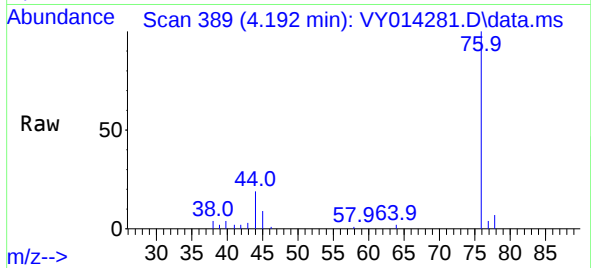




#17
Carbon Disulfide
Concen: 3.551 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014281.D
Acq: 20 Jun 2023 14:22

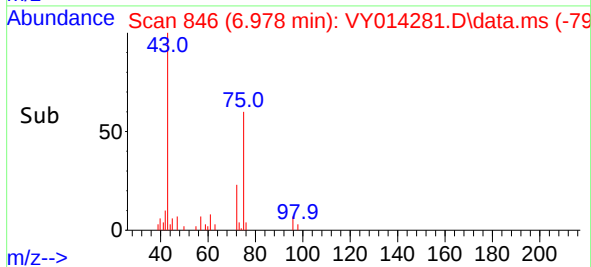
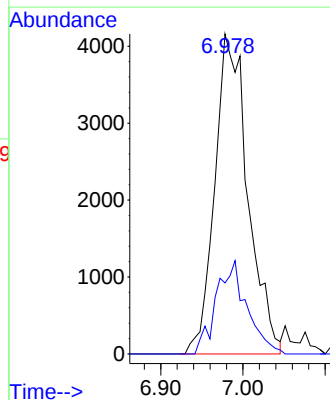
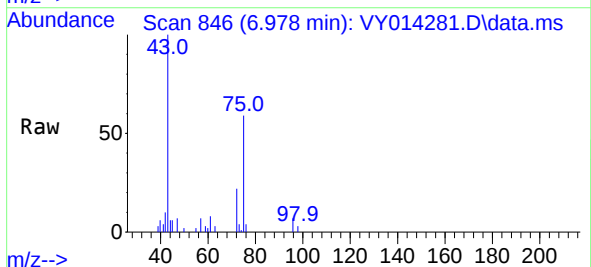
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-5-4-10W

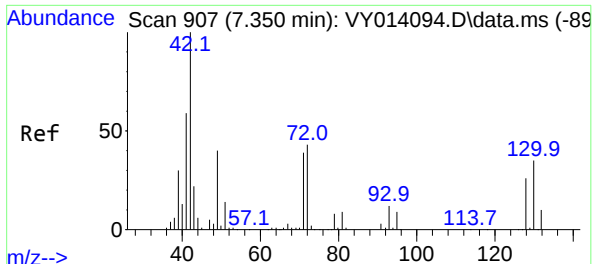
Tgt Ion: 76 Resp: 22745
Ion Ratio Lower Upper
76 100
78 7.1 7.0 10.4



#25
2-Butanone
Concen: 13.013 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014281.D
Acq: 20 Jun 2023 14:22

Tgt Ion: 43 Resp: 11640
Ion Ratio Lower Upper
43 100
72 22.2 20.5 30.7





#29

Tetrahydrofuran

Concen: 5.696 ug/l

RT: 7.338 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY014281.D

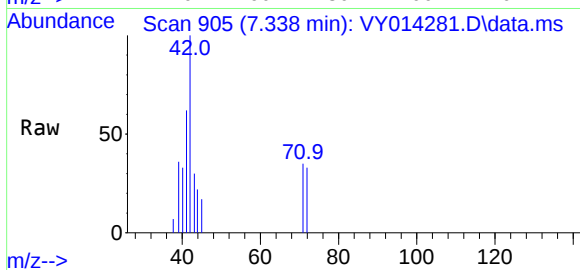
Acq: 20 Jun 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TP6-5-4-10W



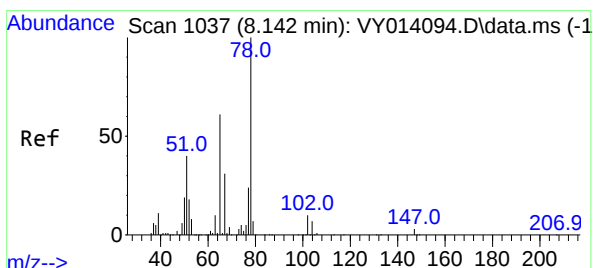
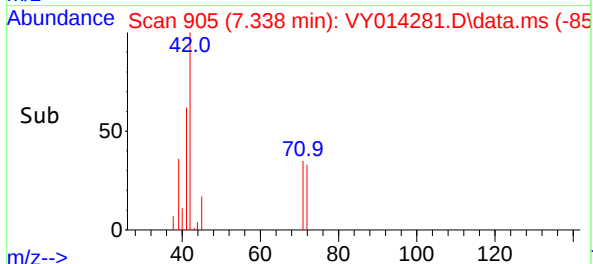
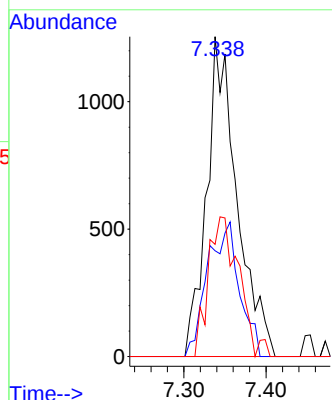
Tgt Ion: 42 Resp: 3231

Ion Ratio Lower Upper

42 100

72 44.1 32.8 49.2

71 44.1 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 49.699 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014281.D

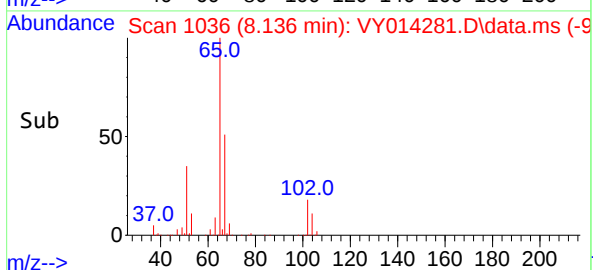
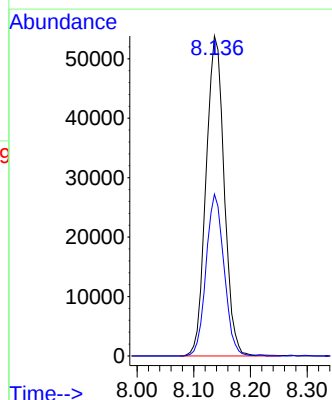
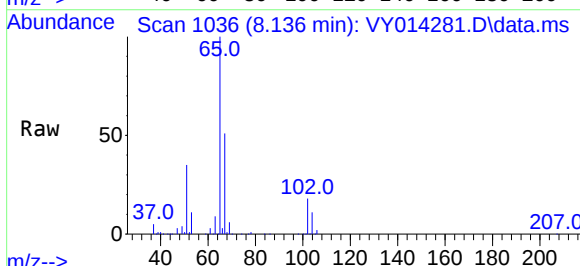
Acq: 20 Jun 2023 14:22

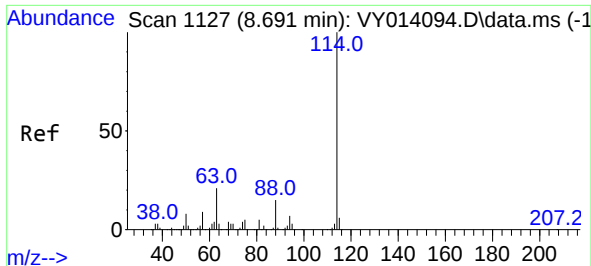
Tgt Ion: 65 Resp: 119813

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014281.D

Acq: 20 Jun 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TP6-5-4-10W

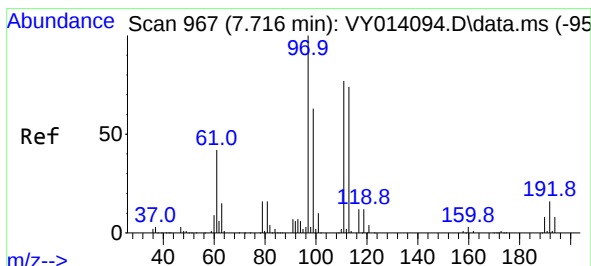
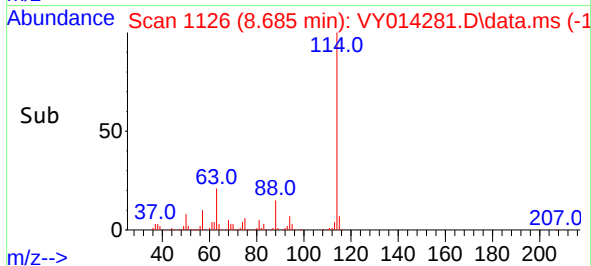
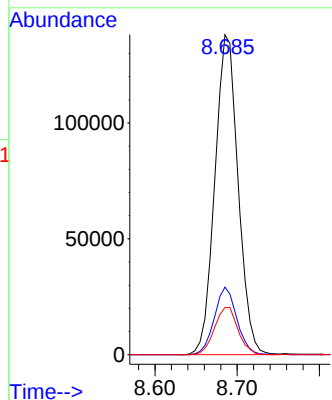
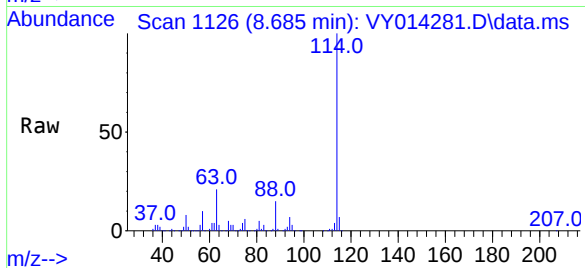
Tgt Ion:114 Resp: 271528

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.444 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014281.D

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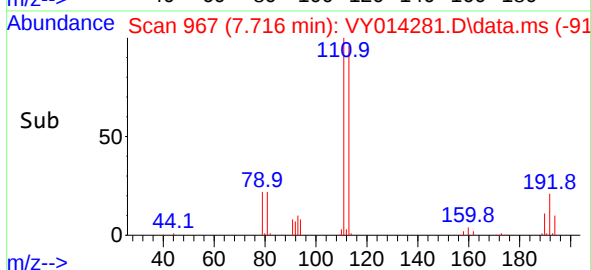
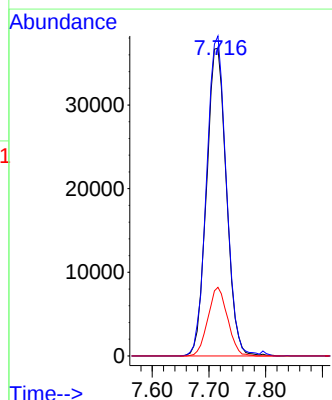
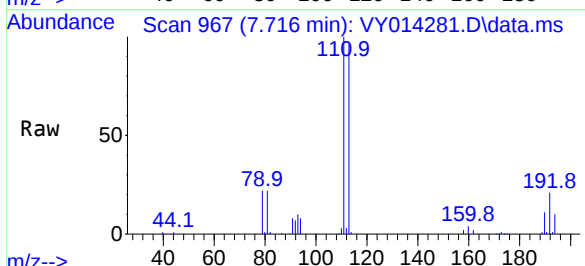
Tgt Ion:113 Resp: 89433

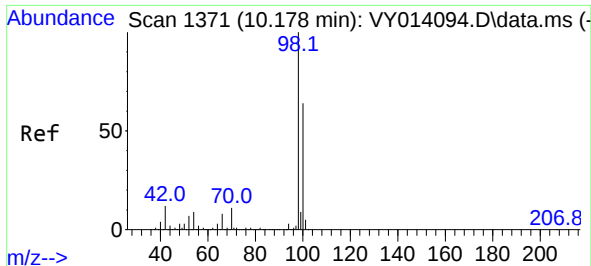
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 22.0 16.9 25.3

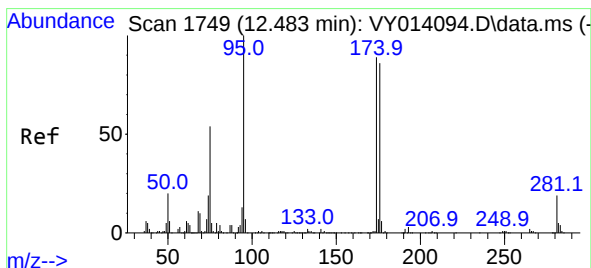
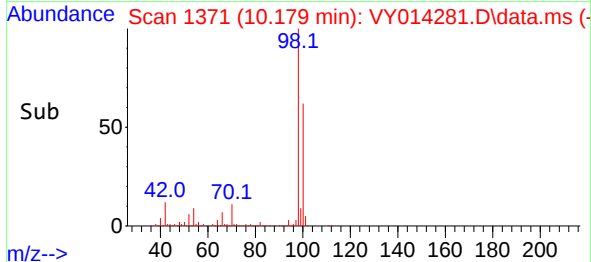
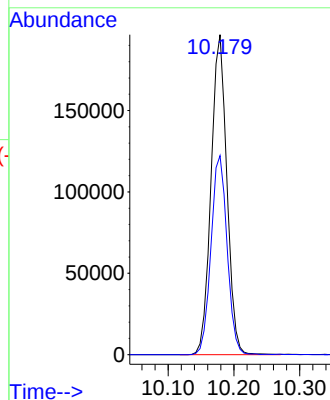
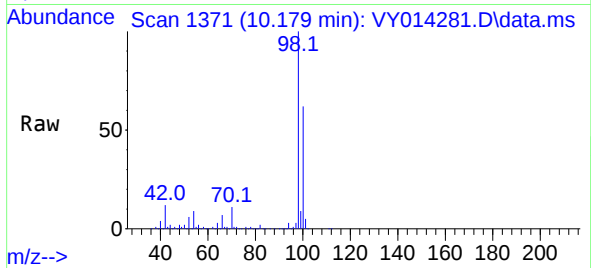




#50
Toluene-d8
Concen: 45.673 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014281.D
Acq: 20 Jun 2023 14:22

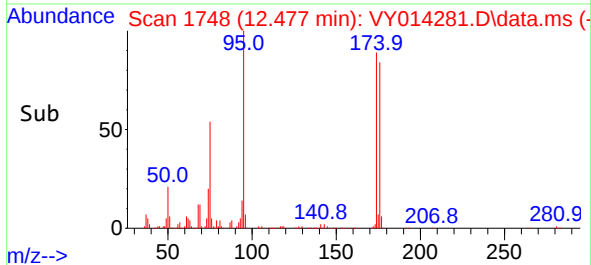
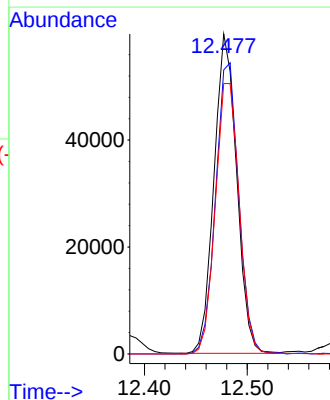
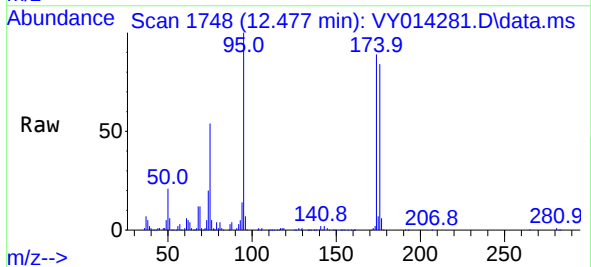
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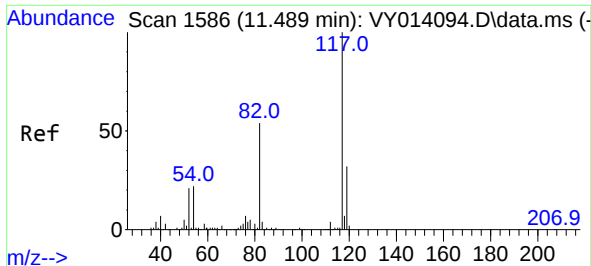
Tgt Ion: 98 Resp: 328801
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 35.679 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014281.D
Acq: 20 Jun 2023 14:22

Tgt Ion: 95 Resp: 91244
Ion Ratio Lower Upper
95 100
174 93.1 0.0 178.2
176 89.5 0.0 173.8

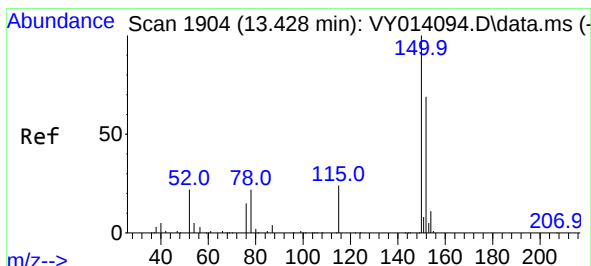
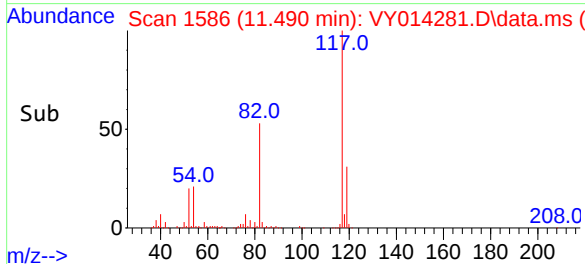
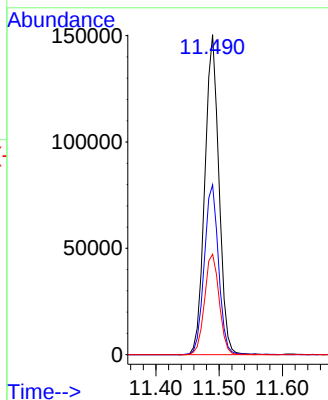
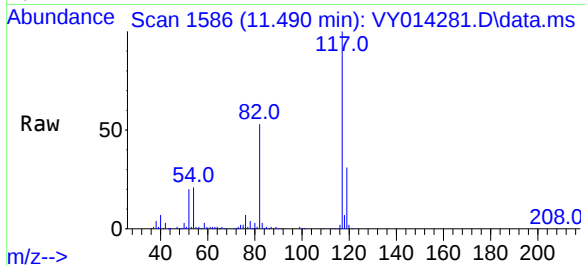




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014281.D
Acq: 20 Jun 2023 14:22

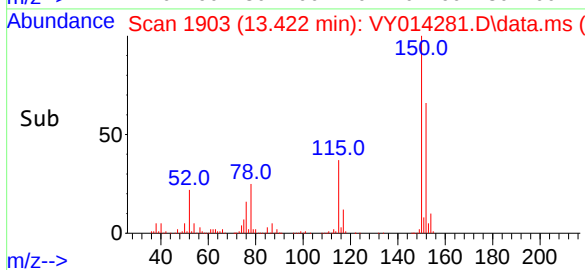
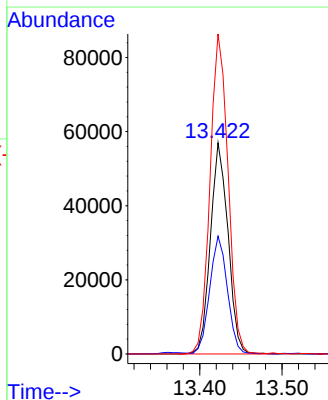
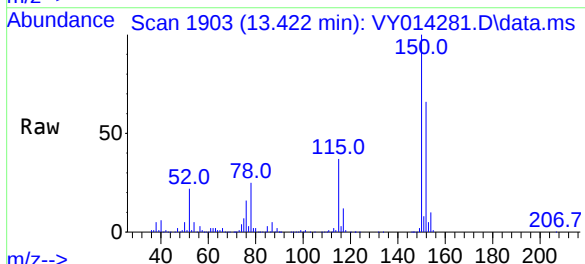
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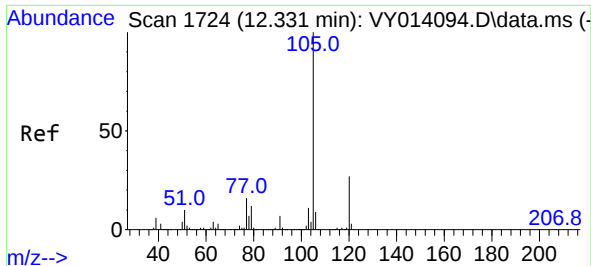
Tgt Ion:117 Resp: 234211
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014281.D
Acq: 20 Jun 2023 14:22

Tgt Ion:152 Resp: 84819
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 154.8 0.0 348.8

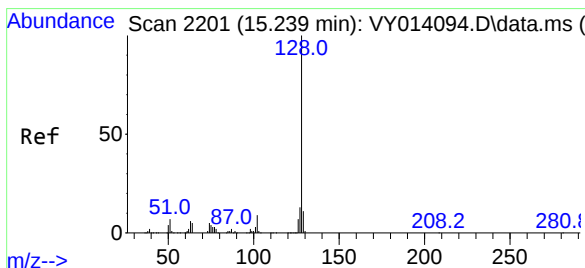
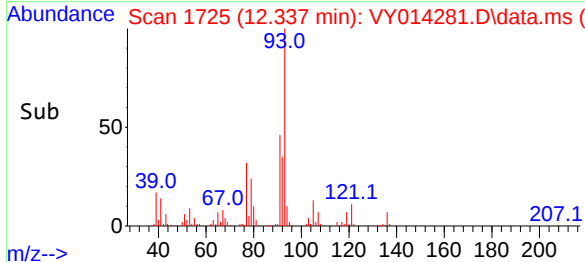
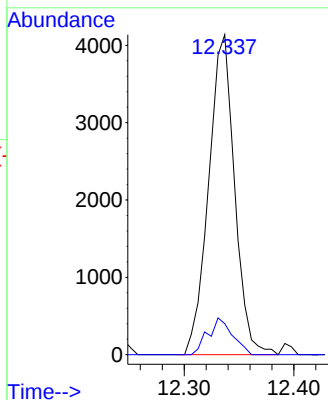
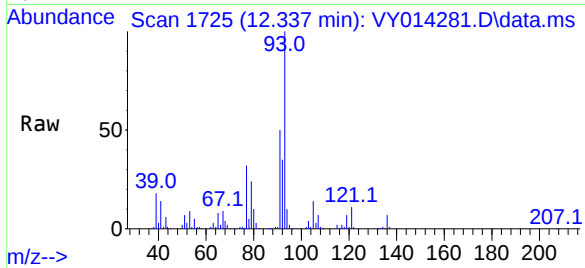




#73
Isopropylbenzene
Concen: 1.053 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014281.D
Acq: 20 Jun 2023 14:22

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Tgt Ion:105 Resp: 6815
Ion Ratio Lower Upper
105 100
120 10.8 13.3 39.9#



#95
Naphthalene
Concen: 7.733 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY014281.D
Acq: 20 Jun 2023 14:22

Tgt Ion:128 Resp: 28999
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.8 8.6 13.0

