

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014282.D
 Acq On : 20 Jun 2023 14:45
 Operator : KP/MD
 Sample : 03256-26
 Misc : 6.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TP6-3-4-10E

Quant Time: Jun 21 02:07:54 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)

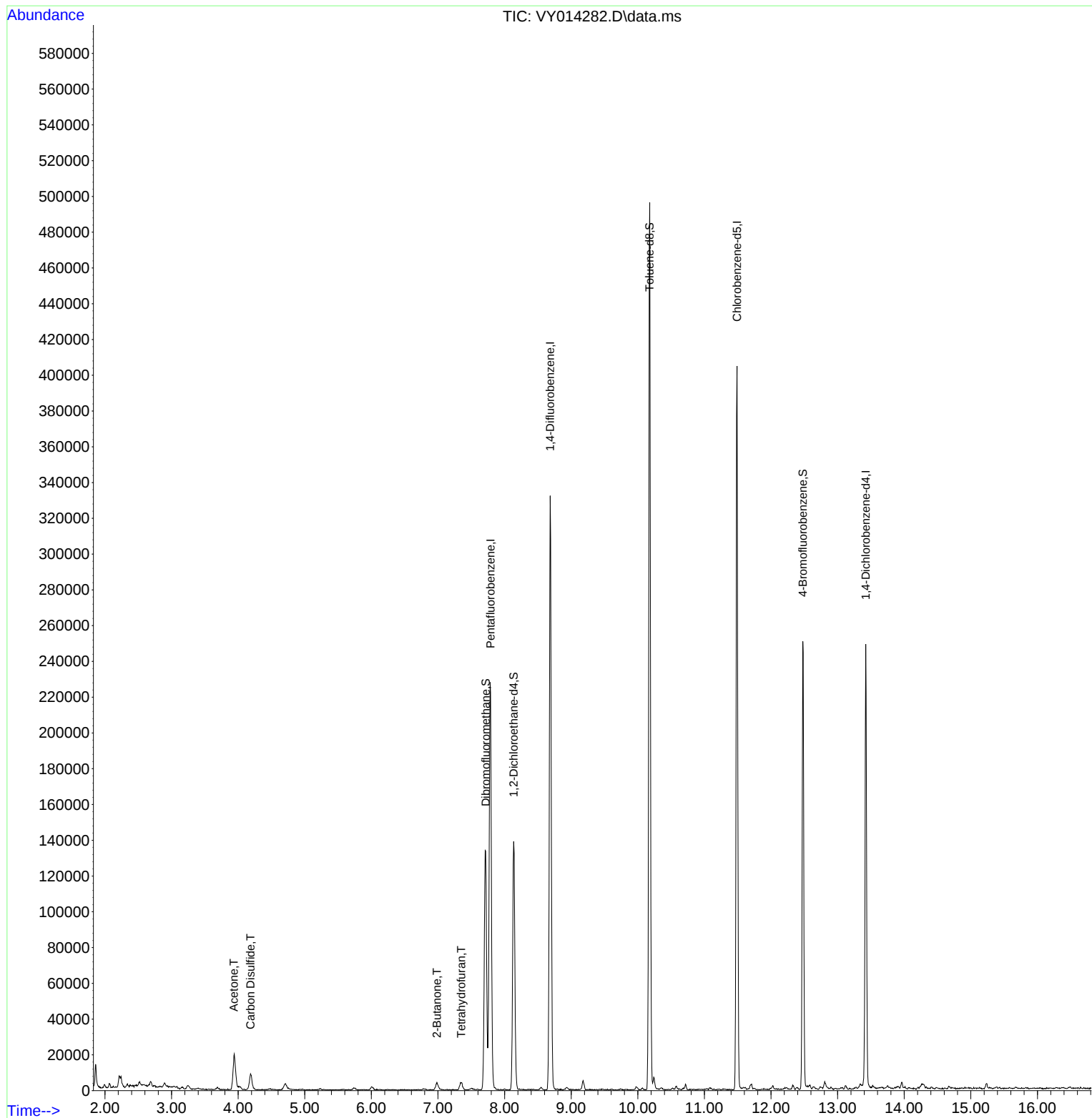
Internal Standards						
1) Pentafluorobenzene	7.789	168	177202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	275185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116895	47.373	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.740%		
35) Dibromofluoromethane	7.716	113	91918	47.100	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.200%		
50) Toluene-d8	10.179	98	321788	44.104	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.200%		
62) 4-Bromofluorobenzene	12.477	95	71995	27.778	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	55.560%		
Target Compounds					Qvalue	
16) Acetone	3.936	43	34186	45.961	ug/l	99
17) Carbon Disulfide	4.186	76	15898	2.425	ug/l	98
25) 2-Butanone	6.984	43	5571	6.085	ug/l	90
29) Tetrahydrofuran	7.350	42	3285	5.658	ug/l	94

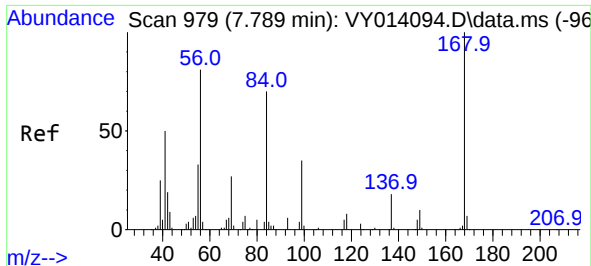
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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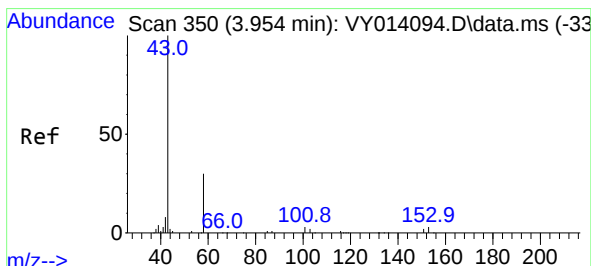
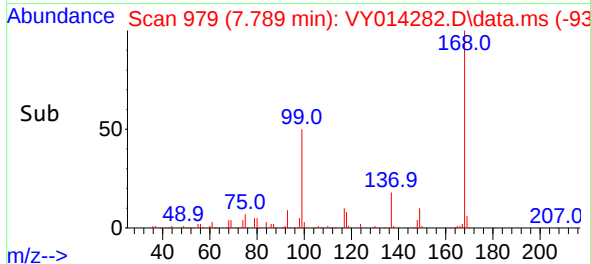
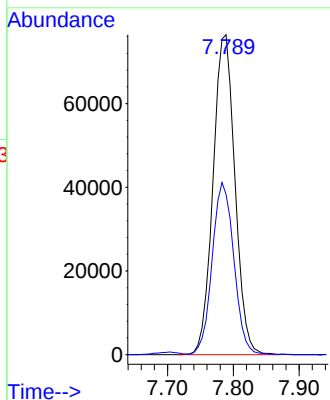
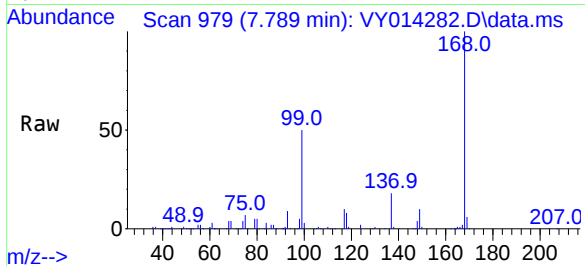




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014282.D
Acq: 20 Jun 2023 14:45

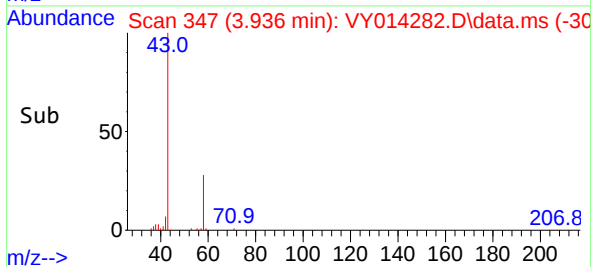
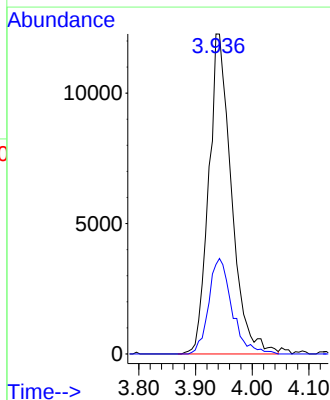
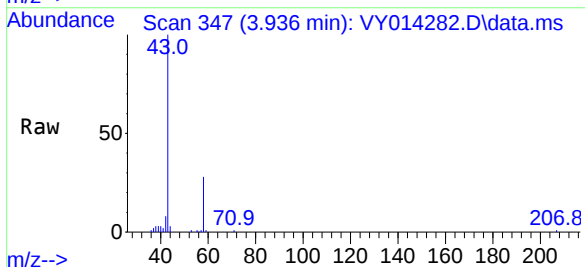
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-3-4-10E

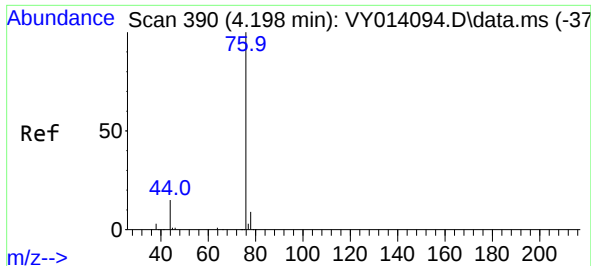
Tgt Ion:168 Resp: 177202
Ion Ratio Lower Upper
168 100
99 50.1 43.4 65.0



#16
Acetone
Concen: 45.961 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY014282.D
Acq: 20 Jun 2023 14:45

Tgt Ion: 43 Resp: 34186
Ion Ratio Lower Upper
43 100
58 27.9 22.7 34.1

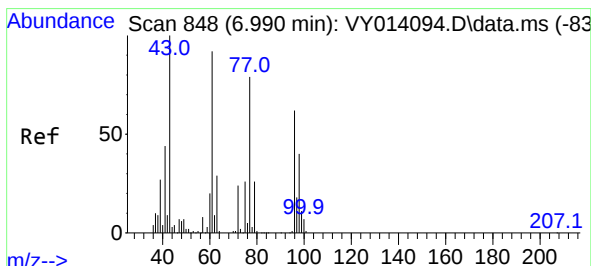
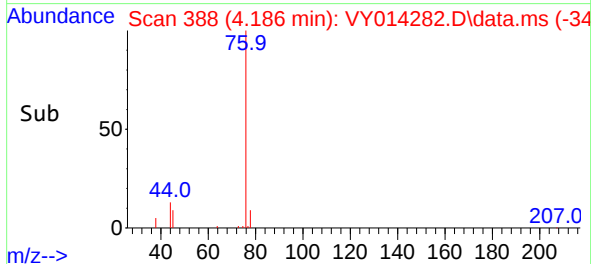
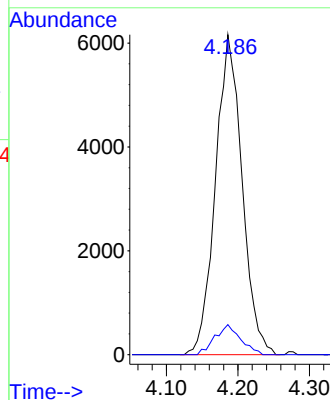
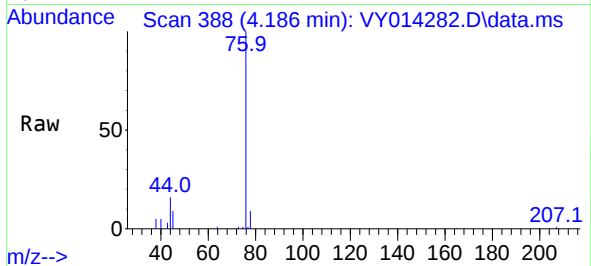




#17
Carbon Disulfide
Concen: 2.425 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014282.D
Acq: 20 Jun 2023 14:45

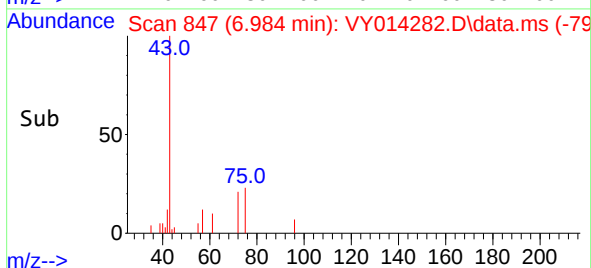
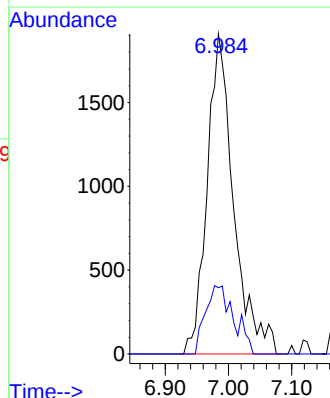
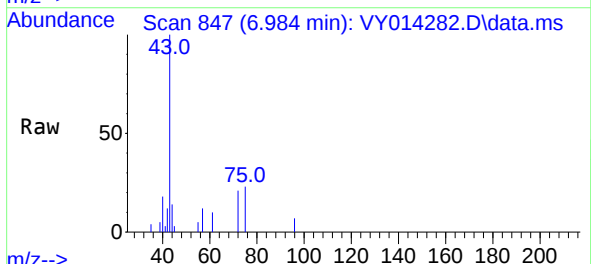
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-3-4-10E

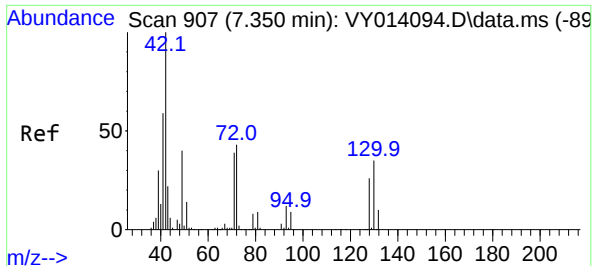
Tgt Ion: 76 Resp: 15898
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#25
2-Butanone
Concen: 6.085 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014282.D
Acq: 20 Jun 2023 14:45

Tgt Ion: 43 Resp: 5571
Ion Ratio Lower Upper
43 100
72 20.7 20.5 30.7





#29

Tetrahydrofuran

Concen: 5.658 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY014282.D

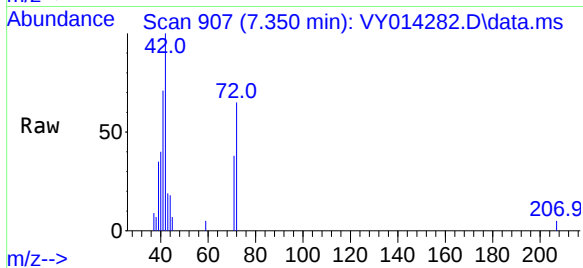
Acq: 20 Jun 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TP6-3-4-10E



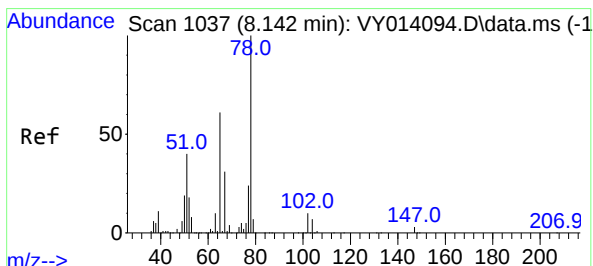
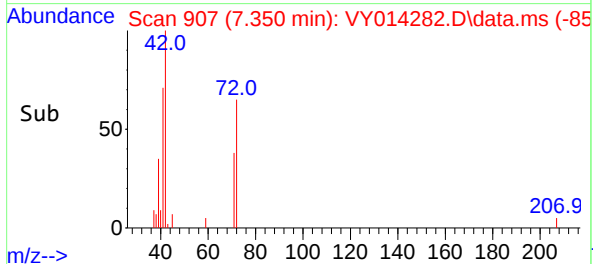
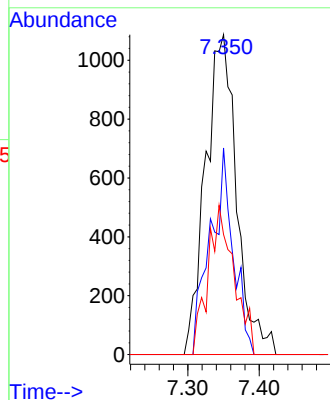
Tgt Ion: 42 Resp: 3285

Ion Ratio Lower Upper

42 100

72 47.5 32.8 49.2

71 39.1 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 47.373 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014282.D

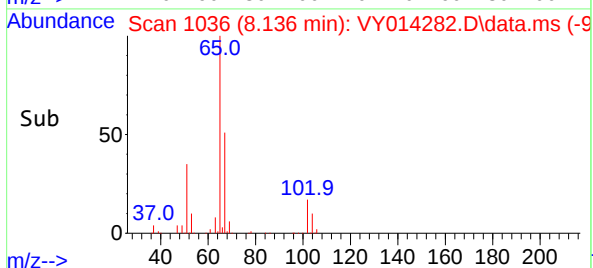
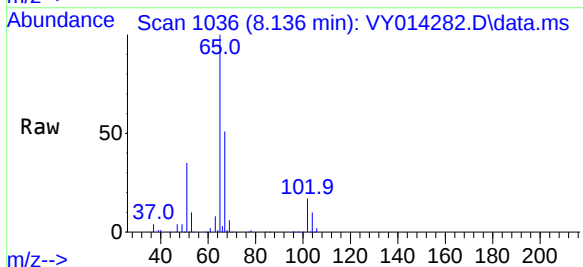
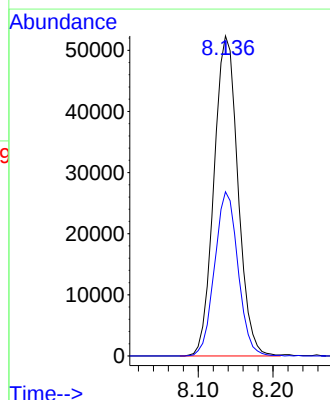
Acq: 20 Jun 2023 14:45

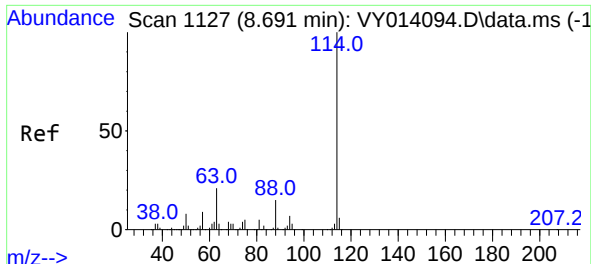
Tgt Ion: 65 Resp: 116895

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014282.D

Acq: 20 Jun 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TP6-3-4-10E

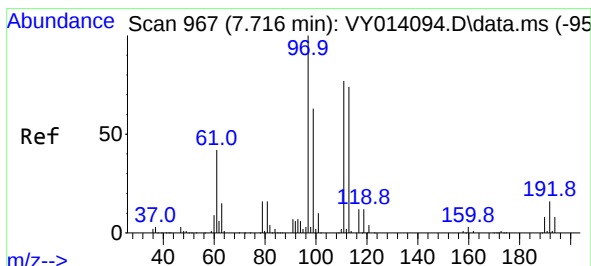
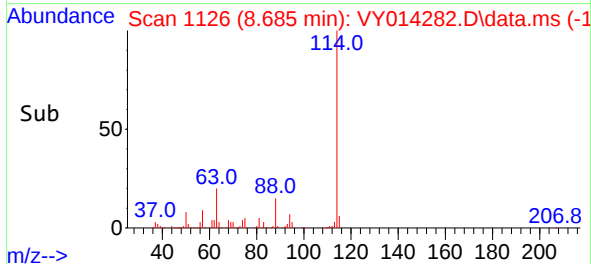
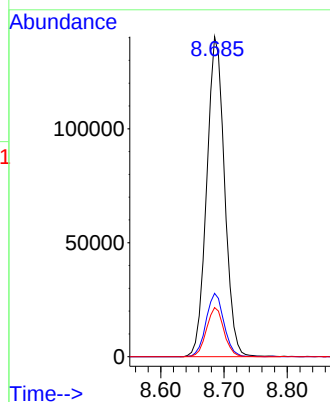
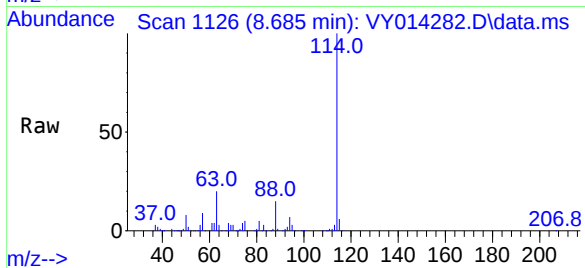
Tgt Ion:114 Resp: 275185

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.100 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014282.D

Acq: 20 Jun 2023 14:45

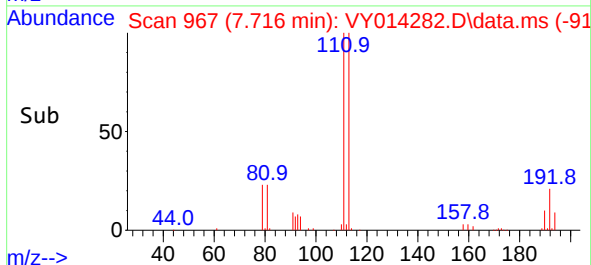
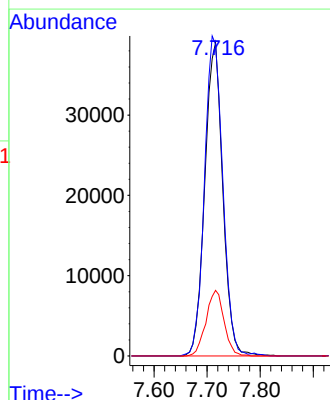
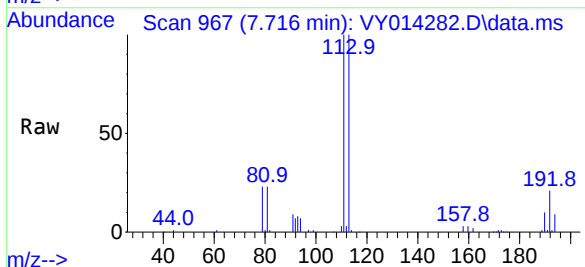
Tgt Ion:113 Resp: 91918

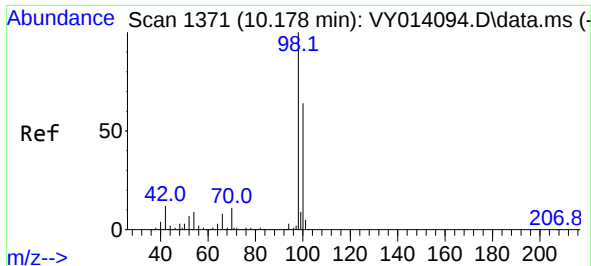
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 21.0 16.9 25.3

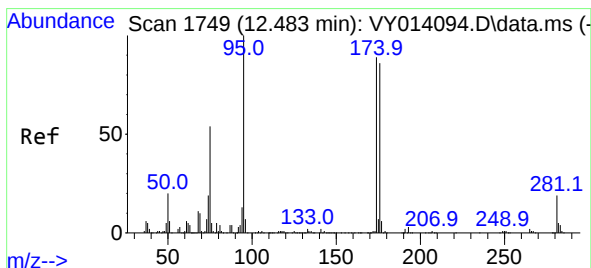
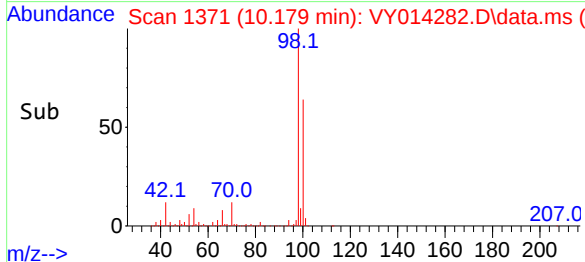
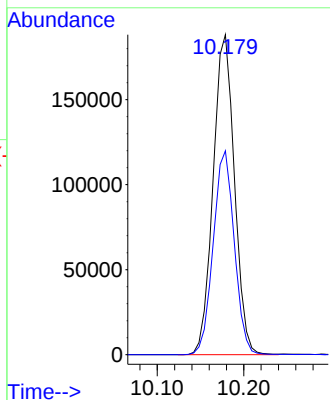
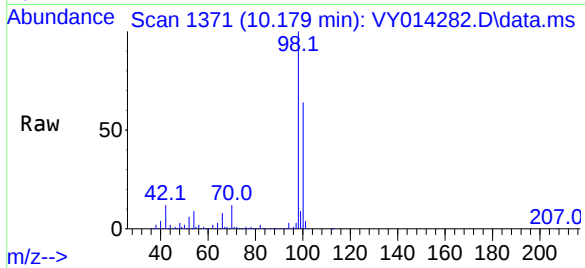




#50
Toluene-d8
Concen: 44.104 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014282.D
Acq: 20 Jun 2023 14:45

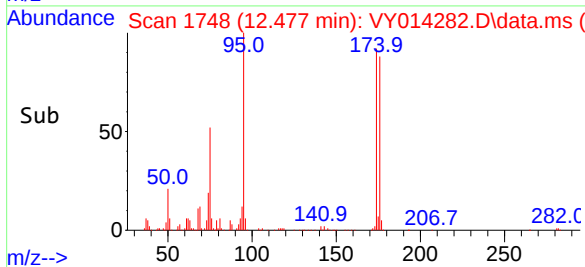
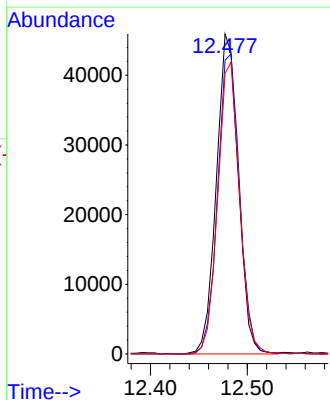
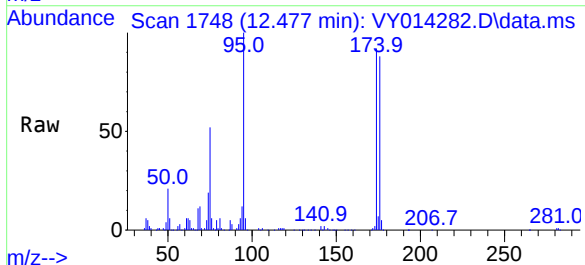
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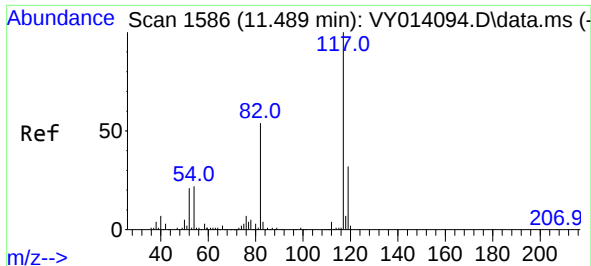
Tgt Ion: 98 Resp: 321788
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 27.778 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014282.D
Acq: 20 Jun 2023 14:45

Tgt Ion: 95 Resp: 71995
Ion Ratio Lower Upper
95 100
174 94.3 0.0 178.2
176 90.5 0.0 173.8

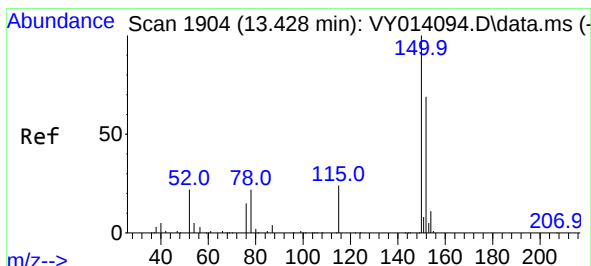
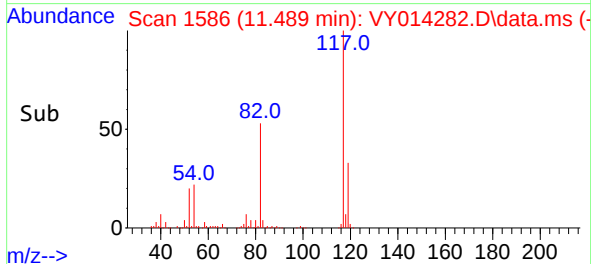
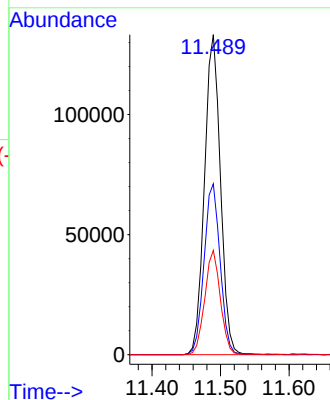
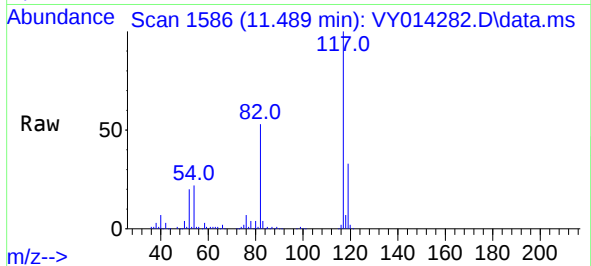




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014282.D
Acq: 20 Jun 2023 14:45

Instrument :
MSVOA_Y
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TOTAL-VOC-TP6-3-4-10E

Tgt Ion:117 Resp: 216380
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.6 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: VY014282.D
Acq: 20 Jun 2023 14:45

Tgt Ion:152 Resp: 62113
Ion Ratio Lower Upper
152 100
115 56.3 28.8 86.5
150 156.7 0.0 348.8

