

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014260.D
 Acq On : 20 Jun 2023 05:02
 Operator : KP/MD
 Sample : 03327-24
 Misc : 13.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-14-GRAB-7

Quant Time: Jun 20 05:49:10 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)

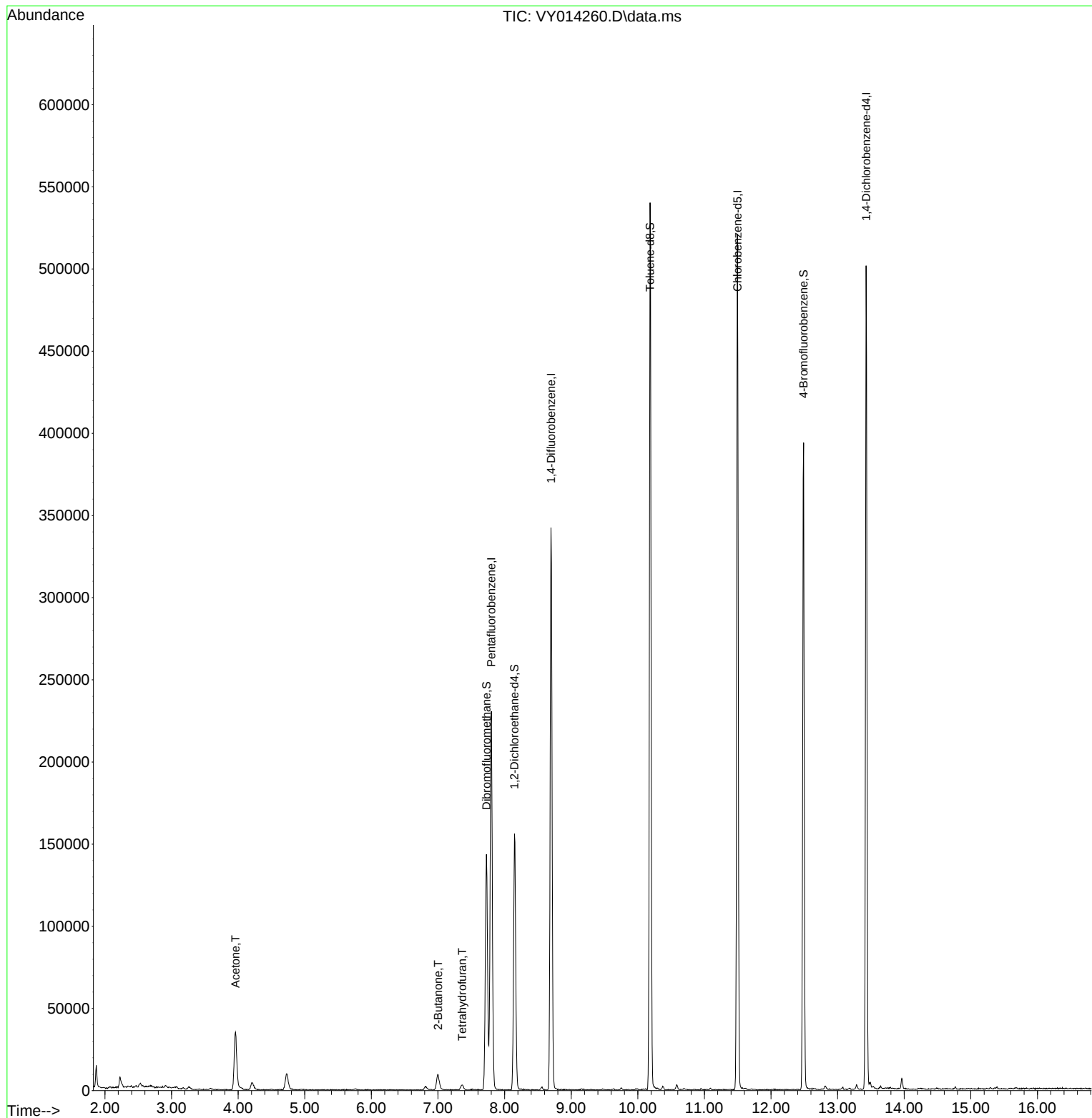
Internal Standards						
1) Pentafluorobenzene	7.801	168	176638	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	285067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130215	52.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.880%	
35) Dibromofluoromethane	7.728	113	95096	47.039	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.080%	
50) Toluene-d8	10.185	98	343045	45.388	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.780%	
62) 4-Bromofluorobenzene	12.489	95	110302	41.083	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.160%	
Target Compounds						Qvalue
16) Acetone	3.960	43	62080	83.730	ug/l	98
25) 2-Butanone	7.003	43	14786	16.201	ug/l	91
29) Tetrahydrofuran	7.362	42	2595	4.484	ug/l	94

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

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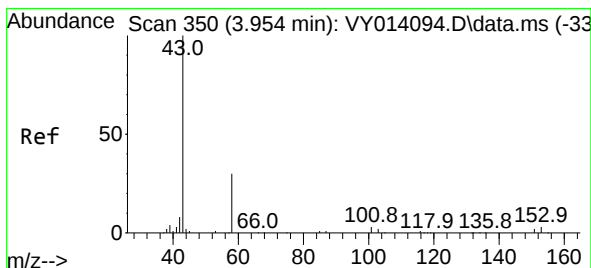
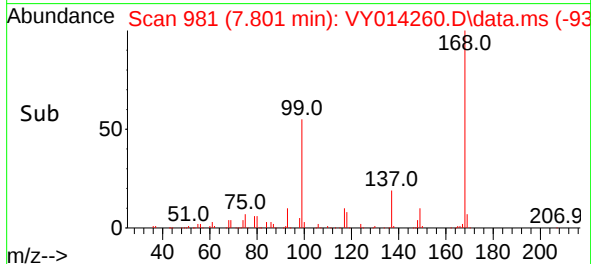
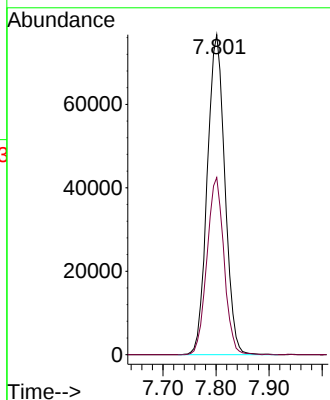
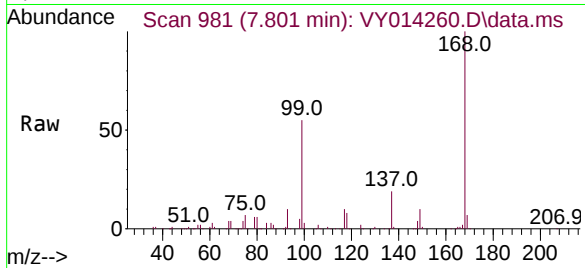




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014260.D
Acq: 20 Jun 2023 05:02

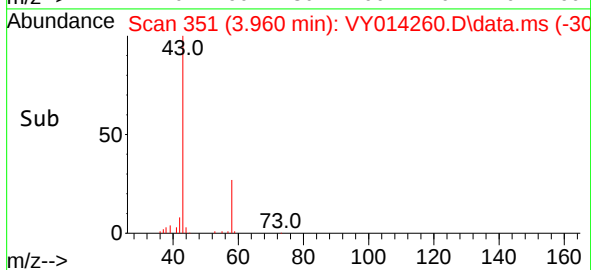
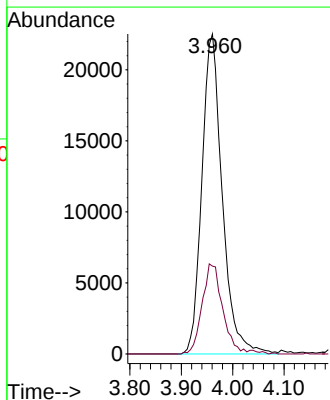
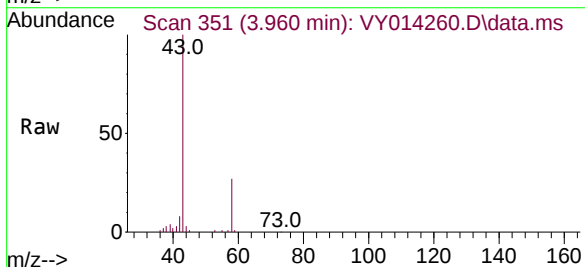
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-14-GRAB-7

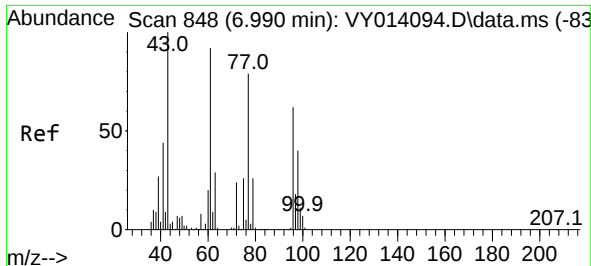
Tgt Ion:168 Resp: 176638
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#16
Acetone
Concen: 83.730 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014260.D
Acq: 20 Jun 2023 05:02

Tgt Ion: 43 Resp: 62080
Ion Ratio Lower Upper
43 100
58 27.5 22.7 34.1

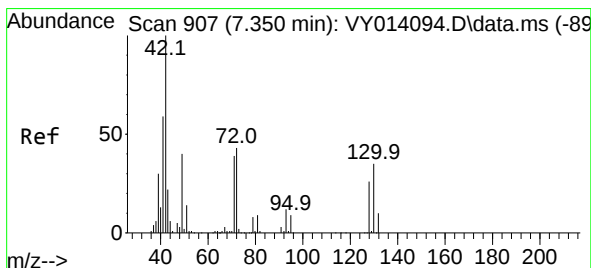
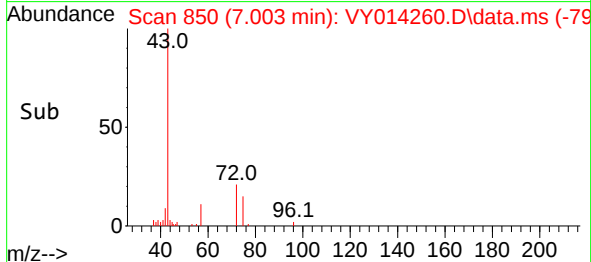
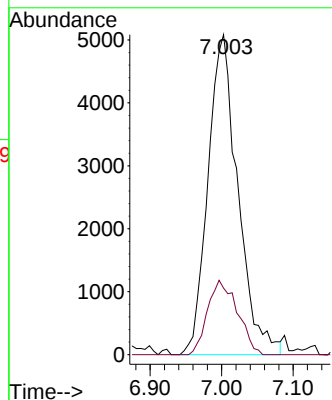
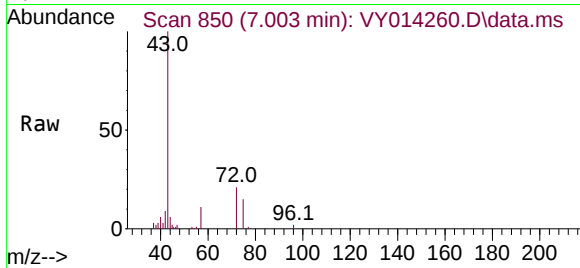




#25
2-Butanone
Concen: 16.201 ug/l
RT: 7.003 min Scan# 81
Delta R.T. 0.013 min
Lab File: VY014260.D
Acq: 20 Jun 2023 05:02

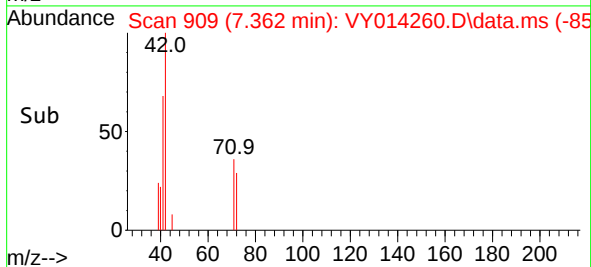
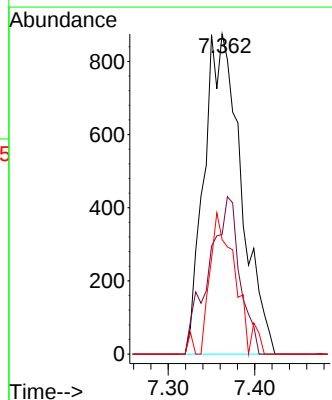
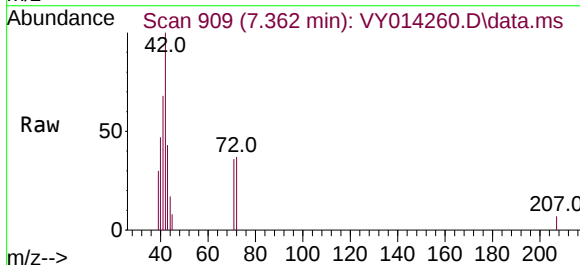
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-14-GRAB-7

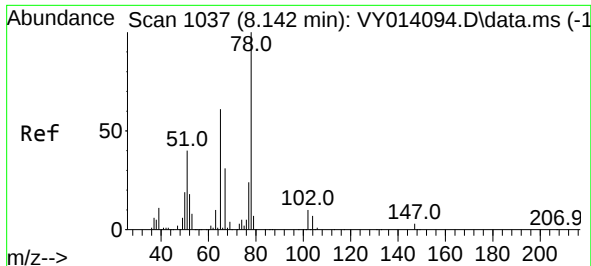
Tgt Ion: 43 Resp: 14786
Ion Ratio Lower Upper
43 100
72 20.8 20.5 30.7



#29
Tetrahydrofuran
Concen: 4.484 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY014260.D
Acq: 20 Jun 2023 05:02

Tgt Ion: 42 Resp: 2595
Ion Ratio Lower Upper
42 100
72 41.3 32.8 49.2
71 31.1 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 52.939 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY014260.D

Acq: 20 Jun 2023 05:02

Instrument :

MSVOA_Y

ClientSampleId :

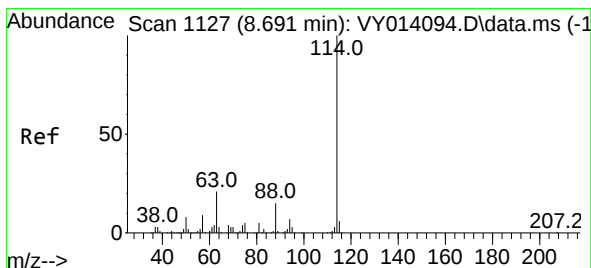
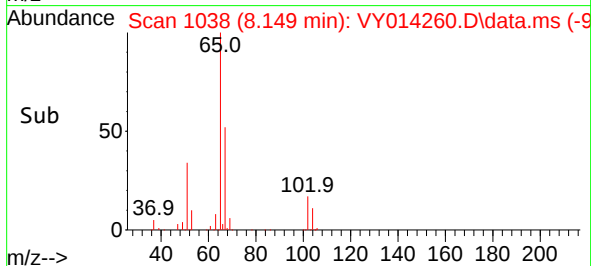
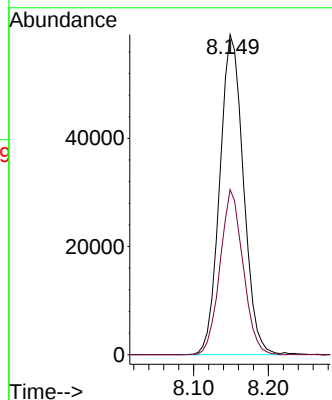
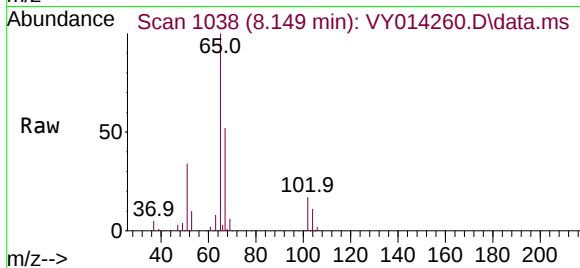
TOTAL-VOC-SB-14-GRAB-7

Tgt Ion: 65 Resp: 130215

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014260.D

Acq: 20 Jun 2023 05:02

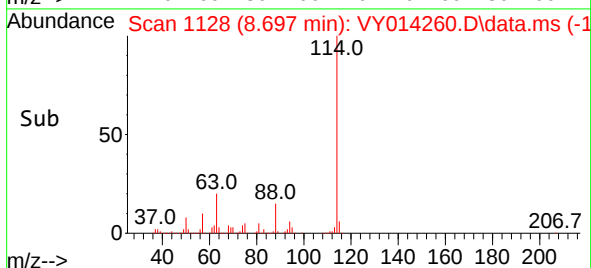
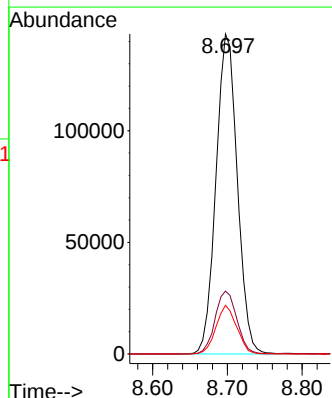
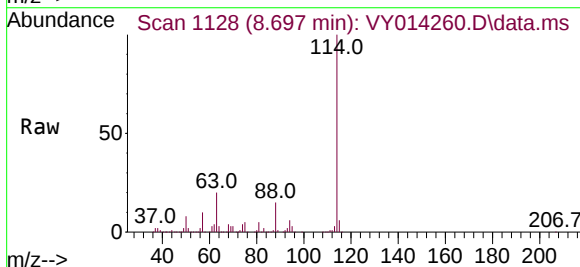
Tgt Ion:114 Resp: 285067

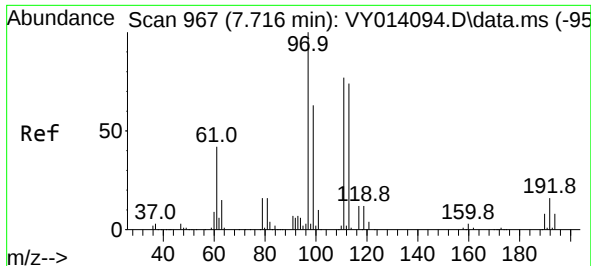
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.2 0.0 30.6

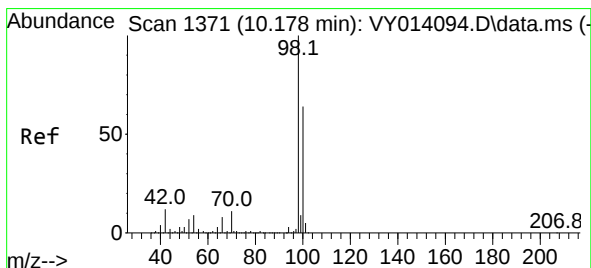
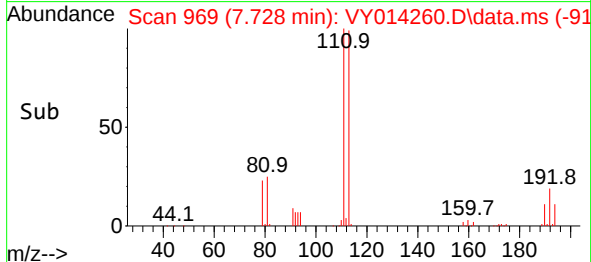
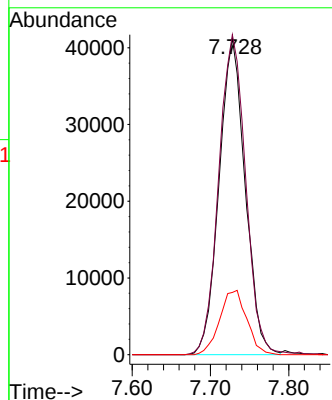
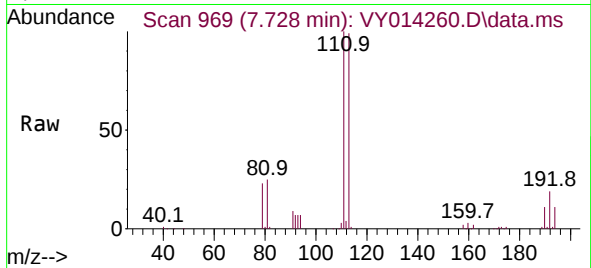




#35
Dibromofluoromethane
Concen: 47.039 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014260.D
Acq: 20 Jun 2023 05:02

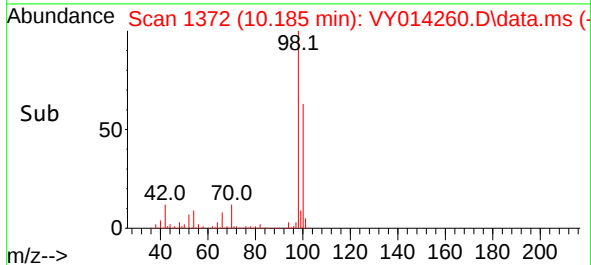
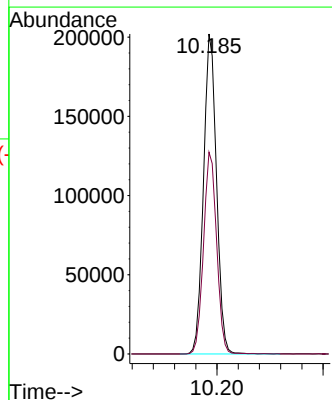
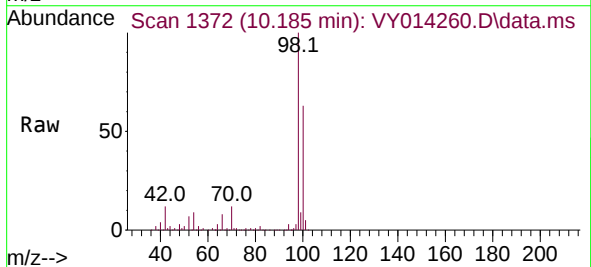
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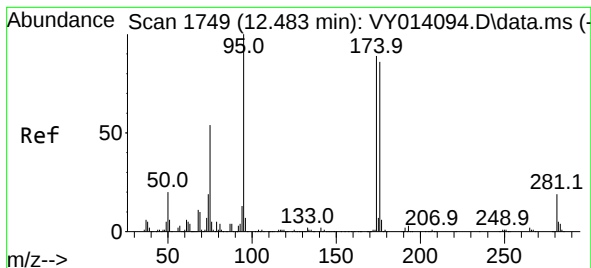
Tgt Ion:113 Resp: 95096
Ion Ratio Lower Upper
113 100
111 104.9 81.3 121.9
192 21.2 16.9 25.3



#50
Toluene-d8
Concen: 45.388 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014260.D
Acq: 20 Jun 2023 05:02

Tgt Ion: 98 Resp: 343045
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 41.083 ug/l

RT: 12.489 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014260.D

Acq: 20 Jun 2023 05:02

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-14-GRAB-7

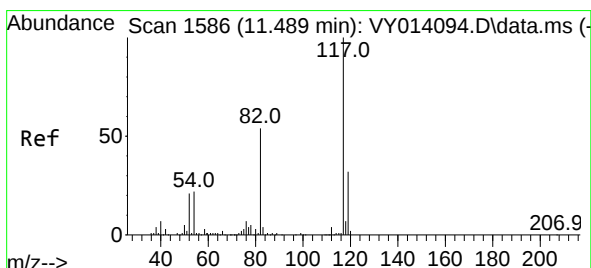
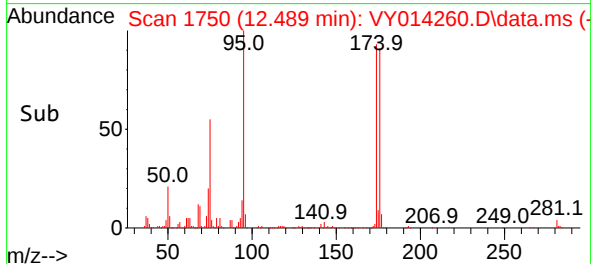
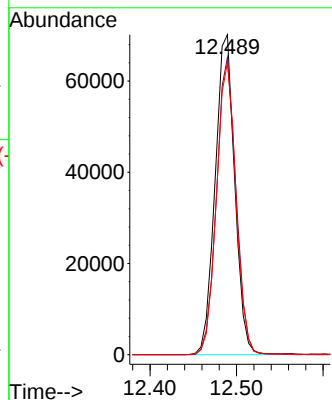
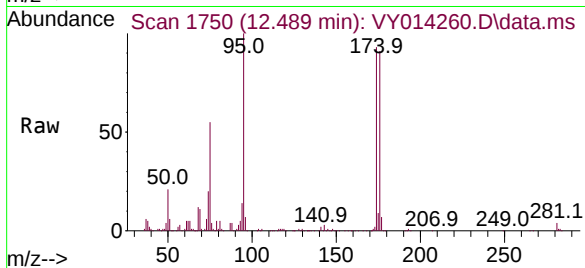
Tgt Ion: 95 Resp: 110302

Ion Ratio Lower Upper

95 100

174 92.0 0.0 178.2

176 90.6 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.007 min

Lab File: VY014260.D

Acq: 20 Jun 2023 05:02

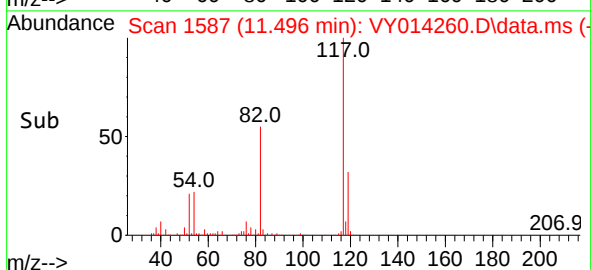
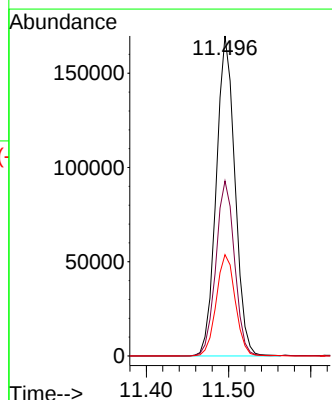
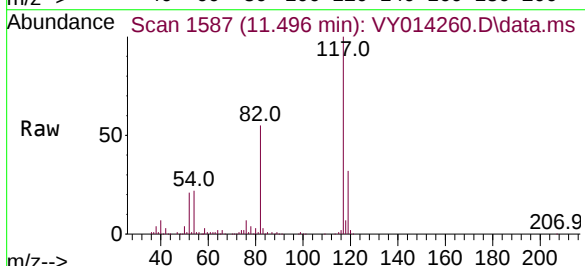
Tgt Ion: 117 Resp: 268690

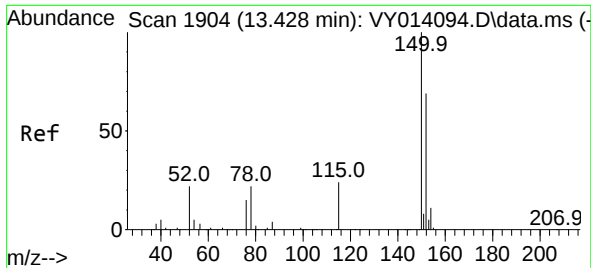
Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

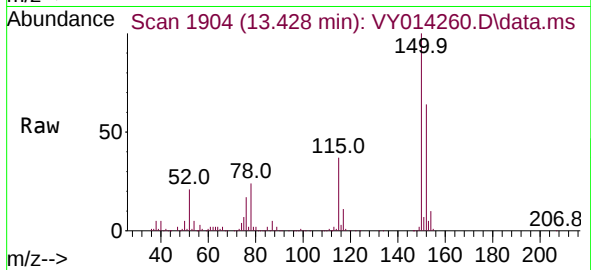
119 31.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014260.D
 Acq: 20 Jun 2023 05:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-14-GRAB-7



Tgt Ion:152 Resp: 128274
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.8 86.5
 150 155.2 0.0 348.8

