

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014385.D
 Acq On : 22 Jun 2023 17:36
 Operator : KP/MD
 Sample : 03256-26RE
 Misc : 8.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 23 05:00:41 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)

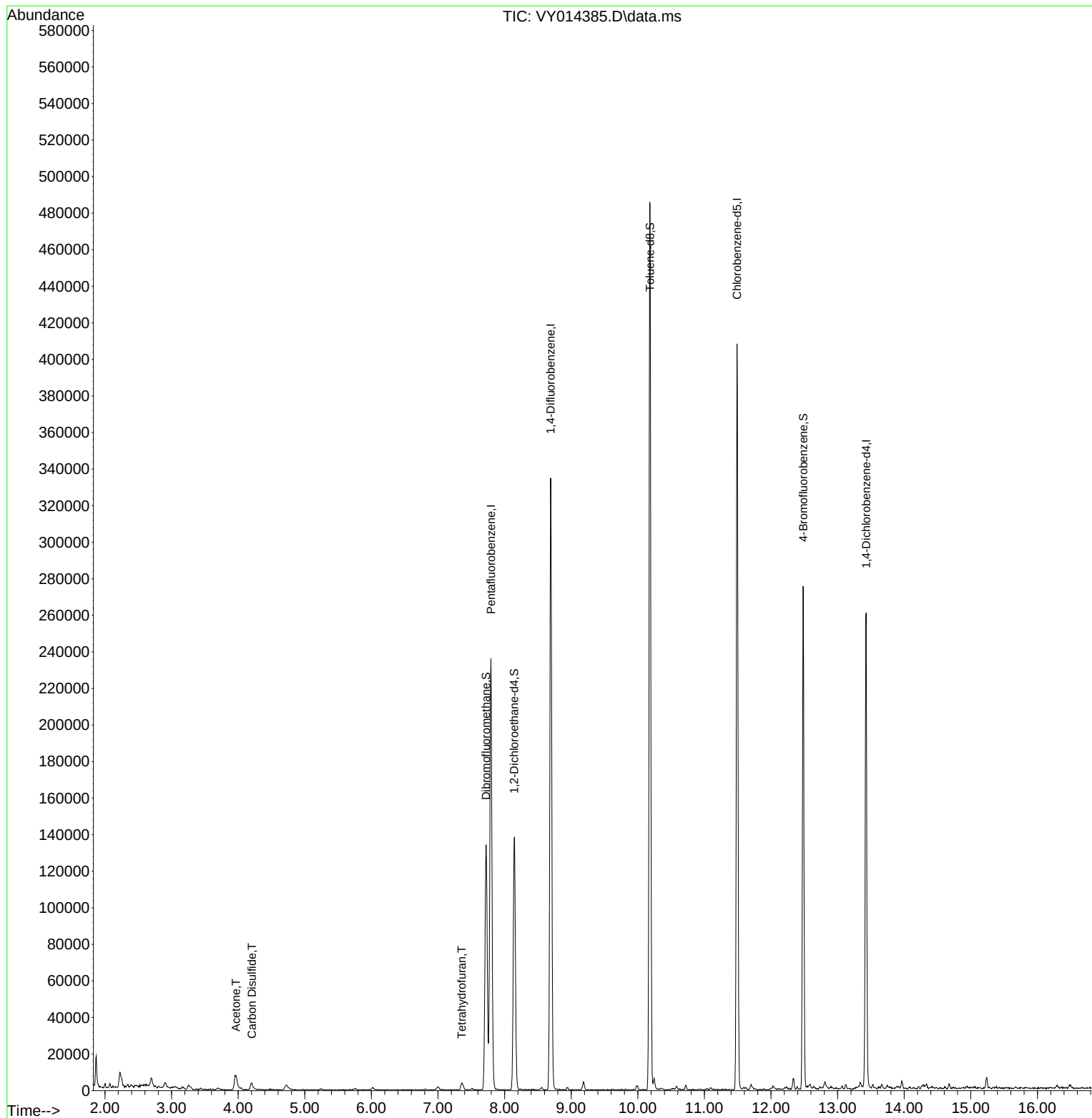
Internal Standards						
1) Pentafluorobenzene	7.795	168	180881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	277321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	119457	47.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.860%
35) Dibromofluoromethane	7.722	113	90055	45.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.580%
50) Toluene-d8	10.185	98	325769	44.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.620%
62) 4-Bromofluorobenzene	12.483	95	74441	28.501	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.000%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	16361	21.549	ug/l	97
17) Carbon Disulfide	4.204	76	6979	1.043	ug/l #	95
29) Tetrahydrofuran	7.356	42	3084	5.204	ug/l	94

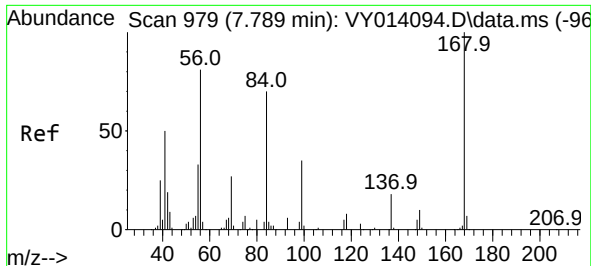
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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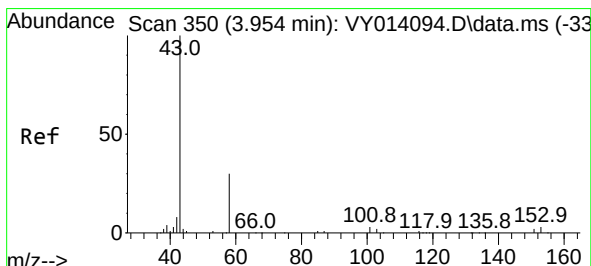
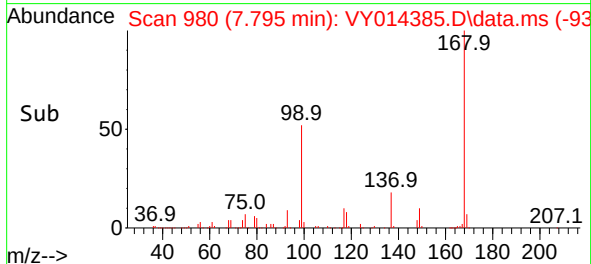
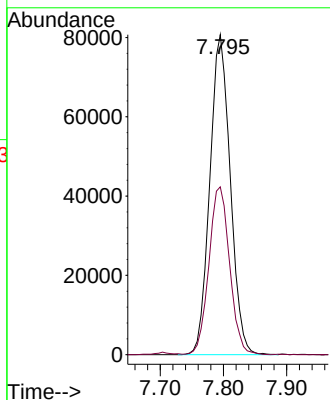
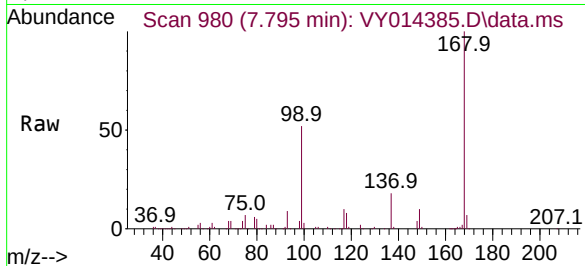




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014385.D
Acq: 22 Jun 2023 17:36

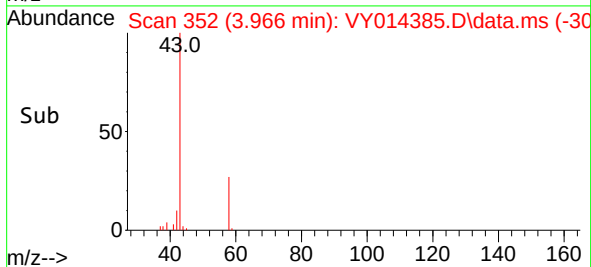
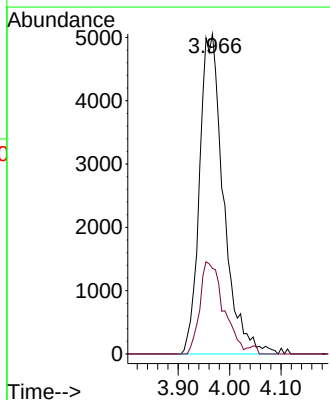
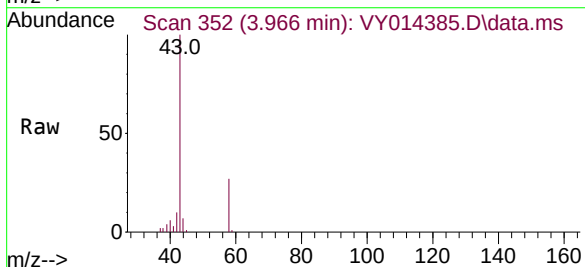
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-3-4-10ERE

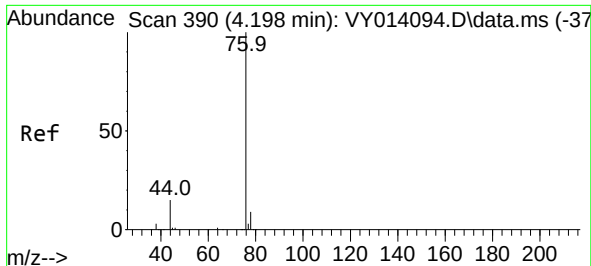
Tgt Ion:168 Resp: 180881
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#16
Acetone
Concen: 21.549 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY014385.D
Acq: 22 Jun 2023 17:36

Tgt Ion: 43 Resp: 16361
Ion Ratio Lower Upper
43 100
58 26.8 22.7 34.1





#17

Carbon Disulfide

Concen: 1.043 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY014385.D

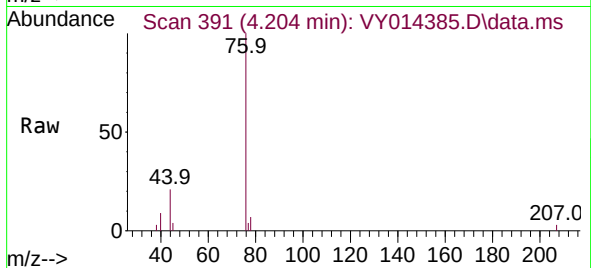
Acq: 22 Jun 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TP6-3-4-10ERE

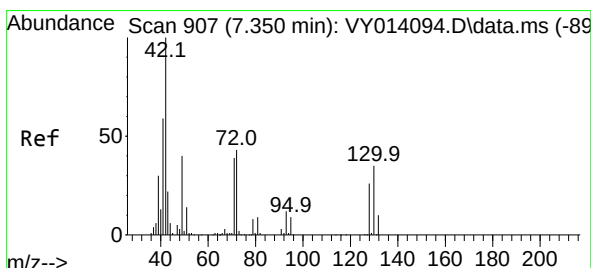
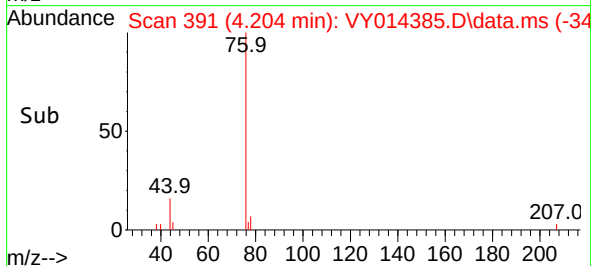
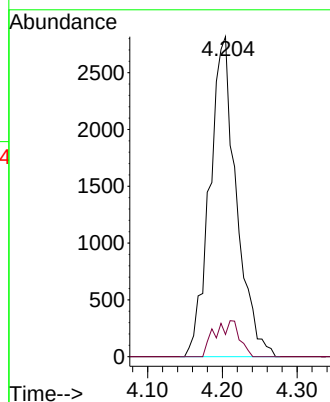


Tgt Ion: 76 Resp: 6979

Ion Ratio Lower Upper

76 100

78 7.0 7.0 10.4#



#29

Tetrahydrofuran

Concen: 5.204 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY014385.D

Acq: 22 Jun 2023 17:36

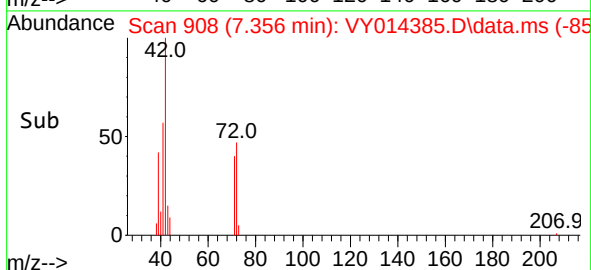
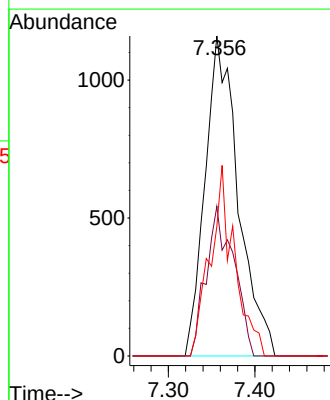
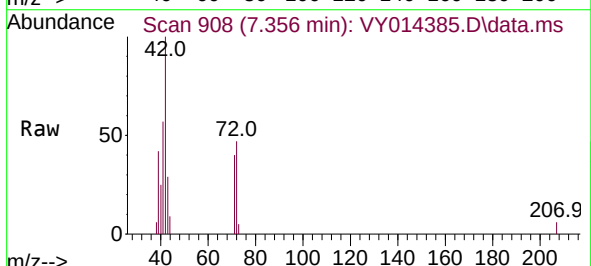
Tgt Ion: 42 Resp: 3084

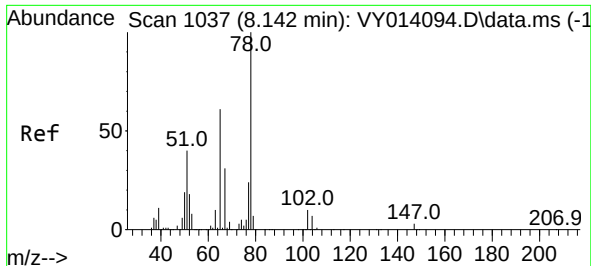
Ion Ratio Lower Upper

42 100

72 39.1 32.8 49.2

71 43.7 31.0 46.4

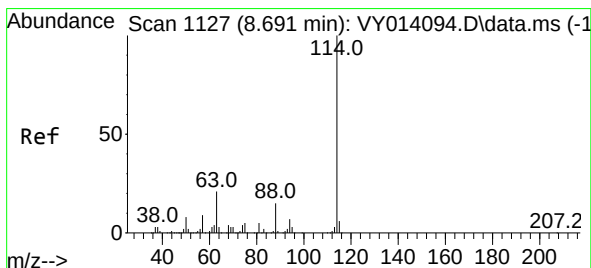
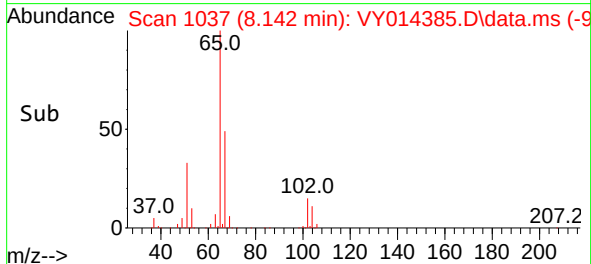
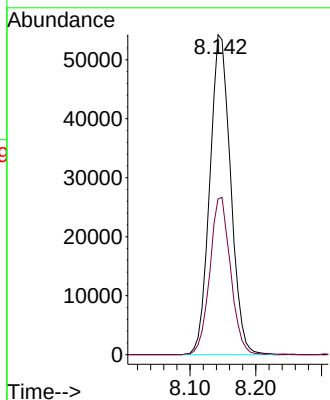
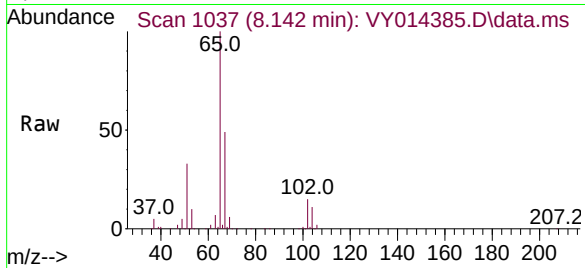




#33
 1,2-Dichloroethane-d4
 Concen: 47.426 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014385.D
 Acq: 22 Jun 2023 17:36

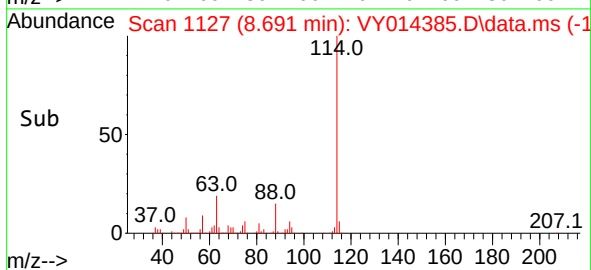
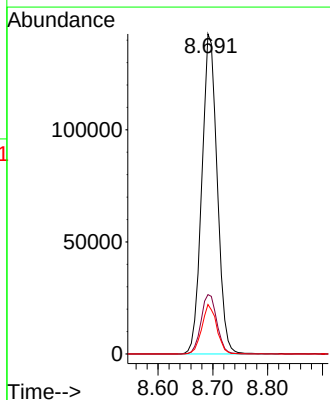
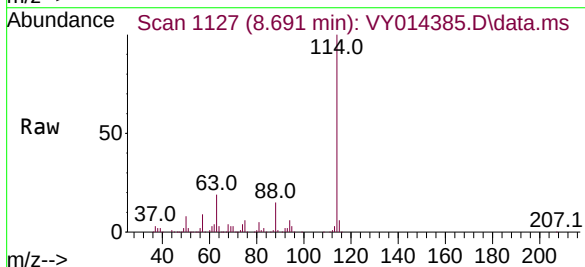
Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TP6-3-4-10ERE

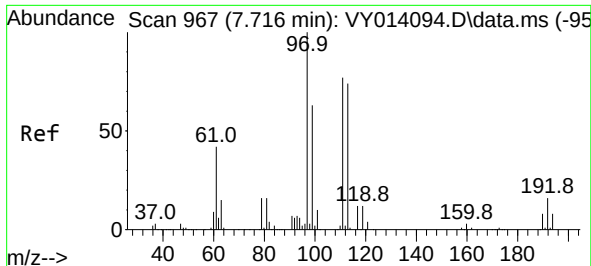
Tgt Ion: 65 Resp: 119457
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014385.D
 Acq: 22 Jun 2023 17:36

Tgt Ion: 114 Resp: 277321
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 15.5 0.0 30.6

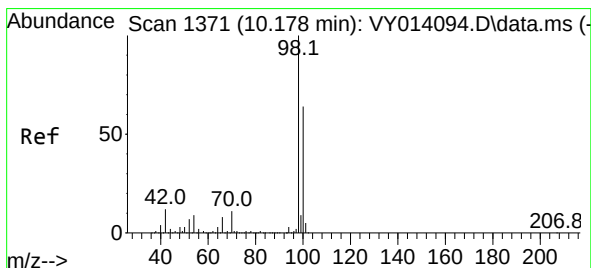
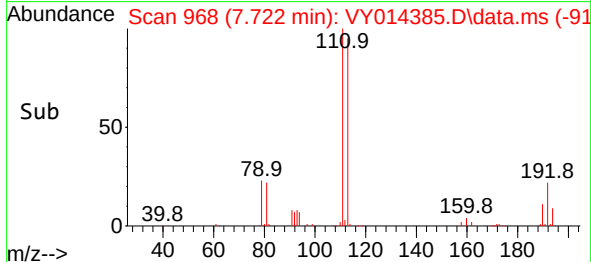
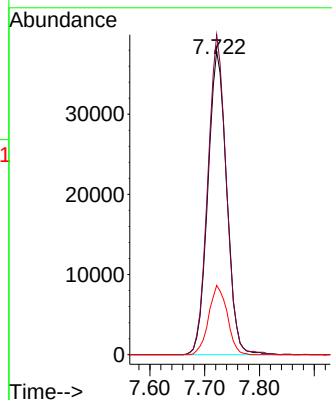
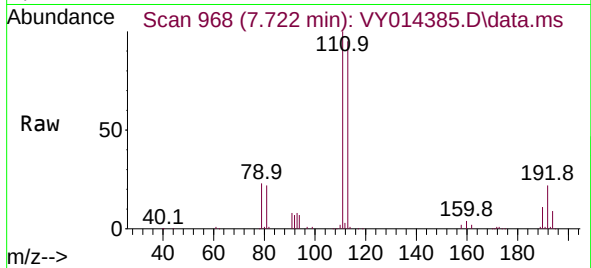




#35
Dibromofluoromethane
Concen: 45.790 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014385.D
Acq: 22 Jun 2023 17:36

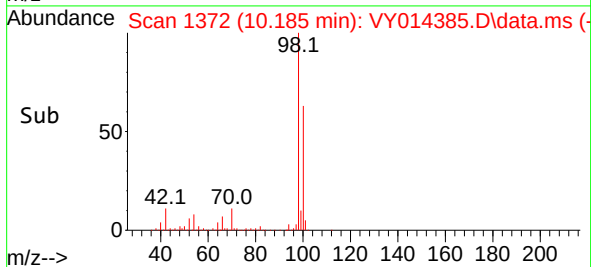
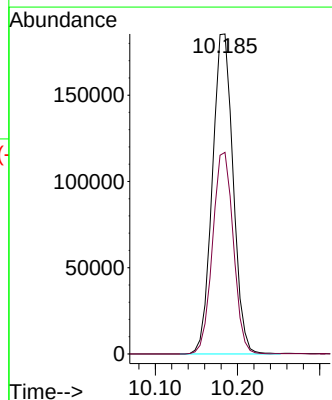
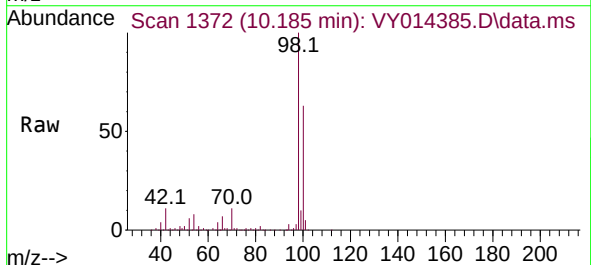
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-3-4-10ERE

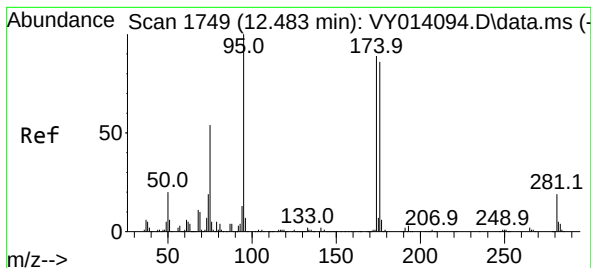
Tgt Ion:113 Resp: 90055
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 22.5 16.9 25.3



#50
Toluene-d8
Concen: 44.306 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014385.D
Acq: 22 Jun 2023 17:36

Tgt Ion: 98 Resp: 325769
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 28.501 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014385.D

Acq: 22 Jun 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TP6-3-4-10ERE

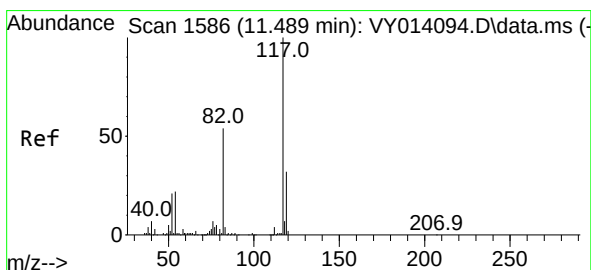
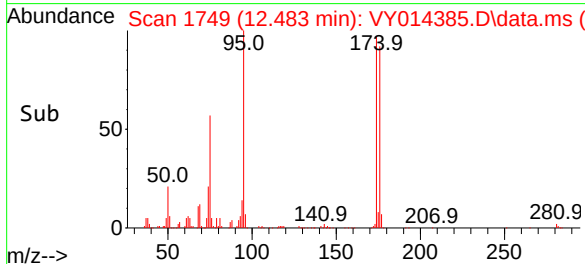
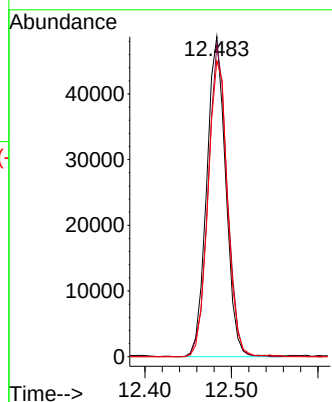
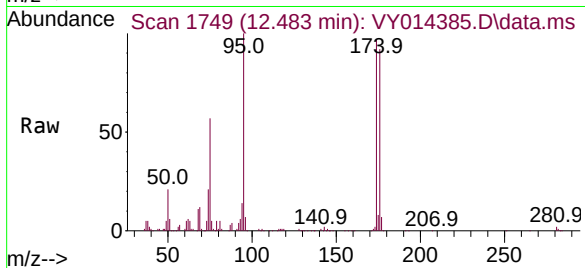
Tgt Ion: 95 Resp: 74441

Ion Ratio Lower Upper

95 100

174 97.4 0.0 178.2

176 94.6 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014385.D

Acq: 22 Jun 2023 17:36

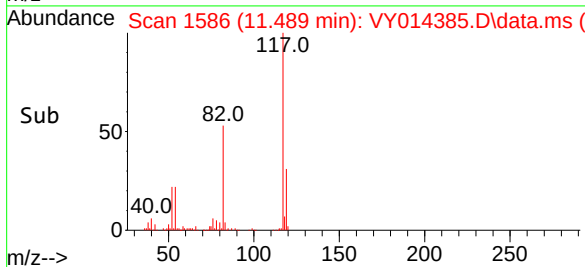
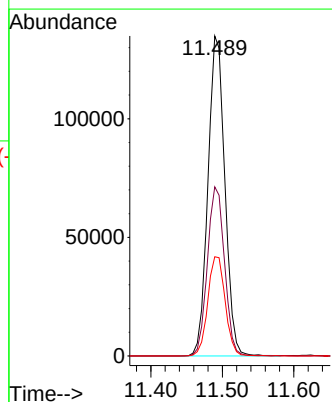
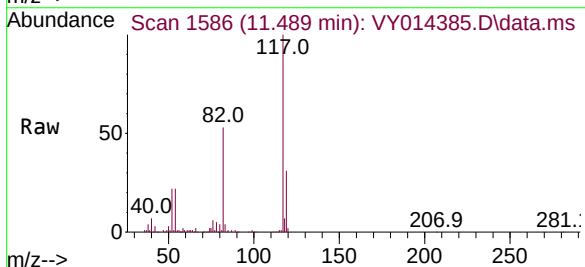
Tgt Ion: 117 Resp: 221361

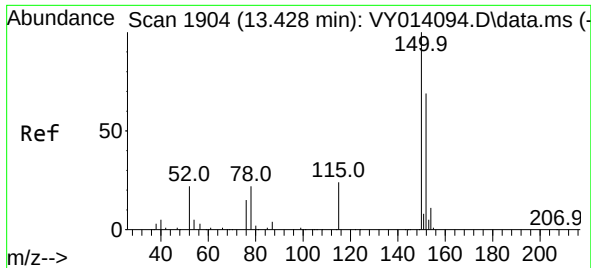
Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

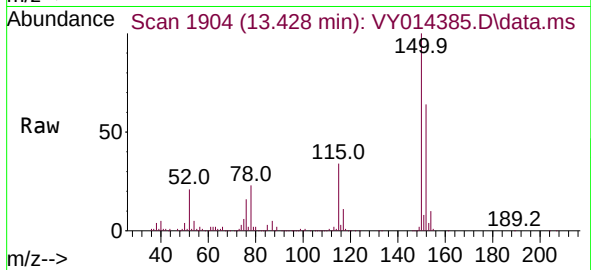
119 31.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014385.D
 Acq: 22 Jun 2023 17:36

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



Tgt Ion:	152	Resp:	69155
Ion Ratio	Lower	Upper	
152	100		
115	54.9	28.8	86.5
150	154.7	0.0	348.8

