

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014214.D
 Acq On : 16 Jun 2023 19:31
 Operator : KP/MD
 Sample : 03255-11
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-34-GRAB-6

Quant Time: Jun 16 23:25:32 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)

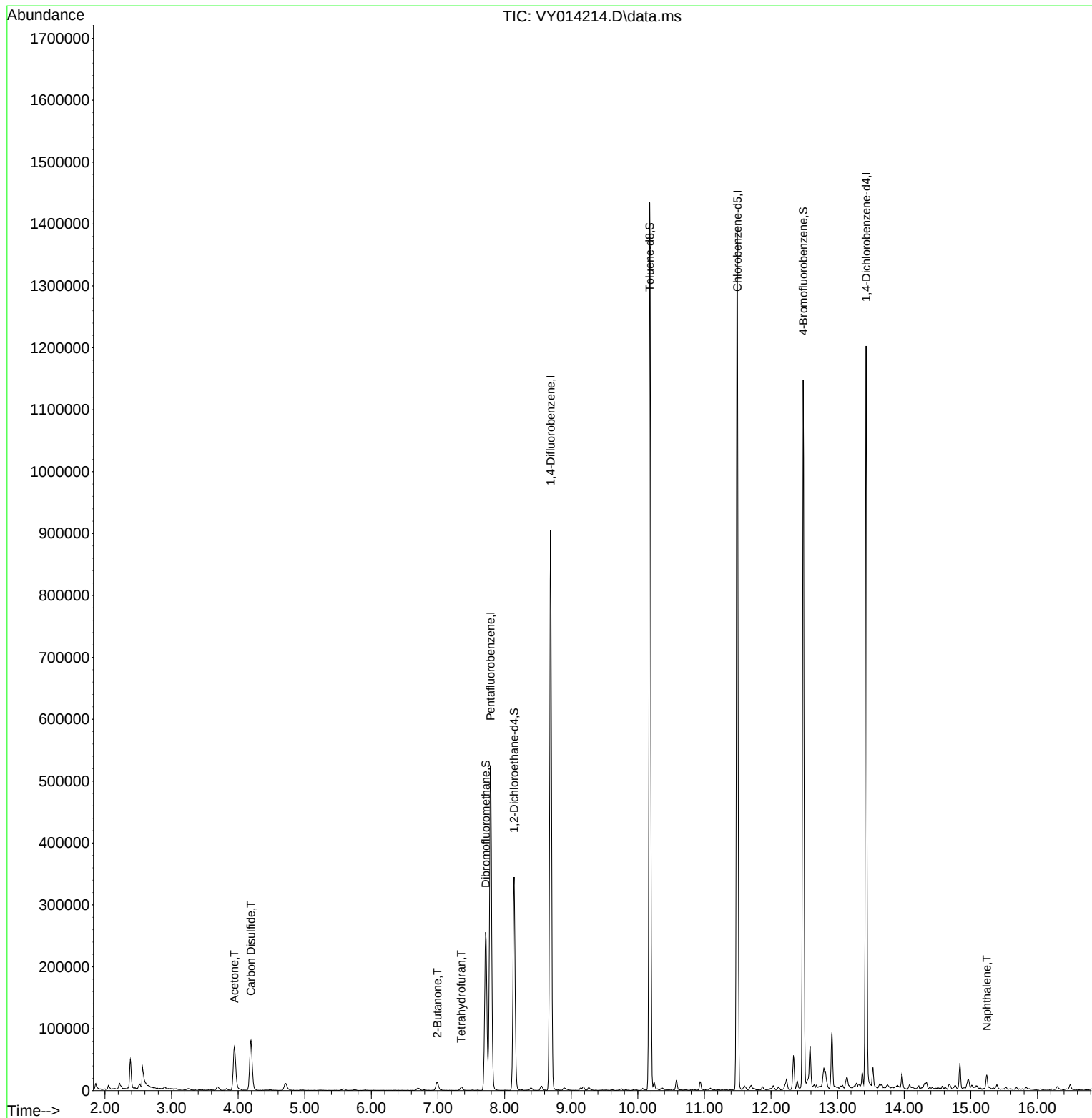
Internal Standards						
1) Pentafluorobenzene	7.789	168	399230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	738815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	739945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	296761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	281613	50.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.320%
35) Dibromofluoromethane	7.715	113	173479	33.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.220%
50) Toluene-d8	10.178	98	911739	46.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.080%
62) 4-Bromofluorobenzene	12.483	95	313055	44.990	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.980%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	123068	73.440	ug/l	96
17) Carbon Disulfide	4.192	76	159170	10.776	ug/l	98
25) 2-Butanone	6.990	43	19427	9.418	ug/l	100
29) Tetrahydrofuran	7.350	42	4163	3.183	ug/l	96
95) Naphthalene	15.239	128	19152	1.460	ug/l	98

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

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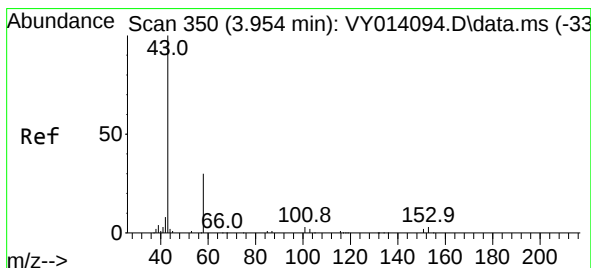
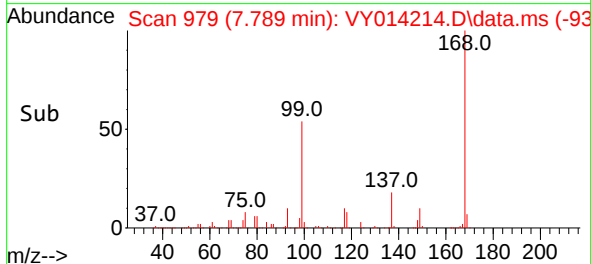
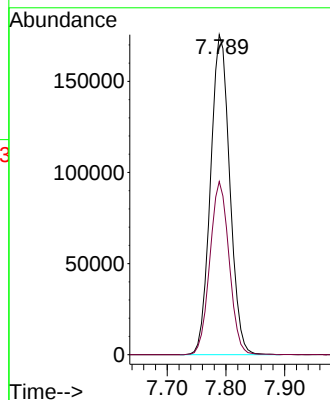
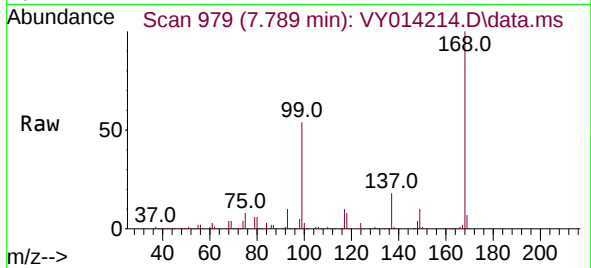




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014214.D
Acq: 16 Jun 2023 19:31

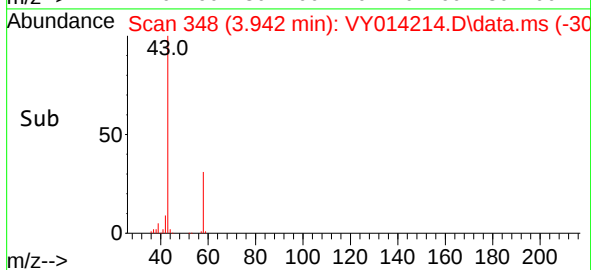
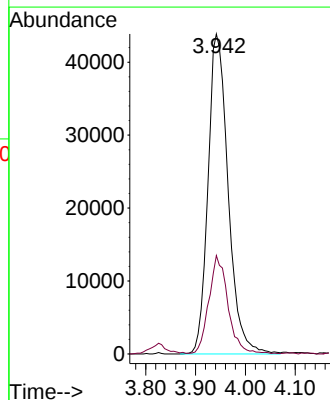
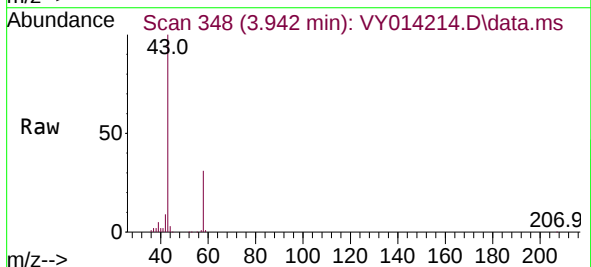
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-34-GRAB-6

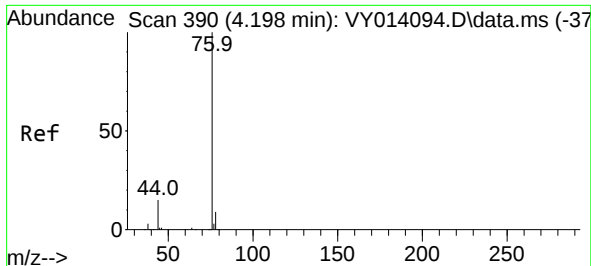
Tgt Ion:168 Resp: 399230
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#16
Acetone
Concen: 73.440 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014214.D
Acq: 16 Jun 2023 19:31

Tgt Ion: 43 Resp: 123068
Ion Ratio Lower Upper
43 100
58 30.6 22.7 34.1

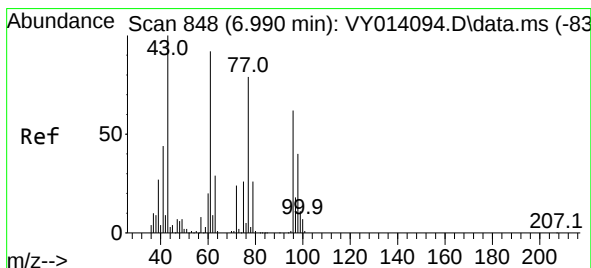
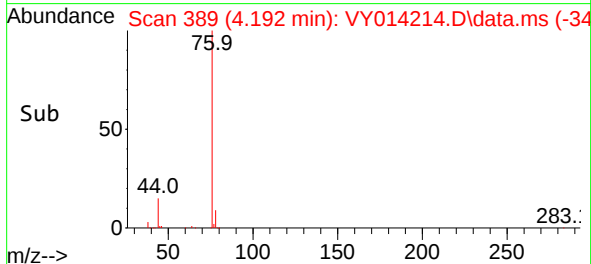
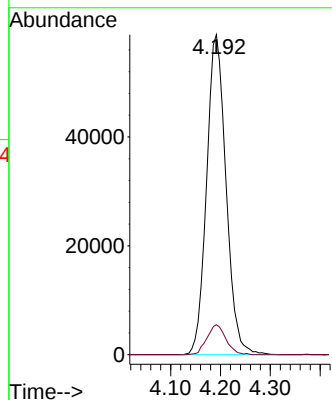
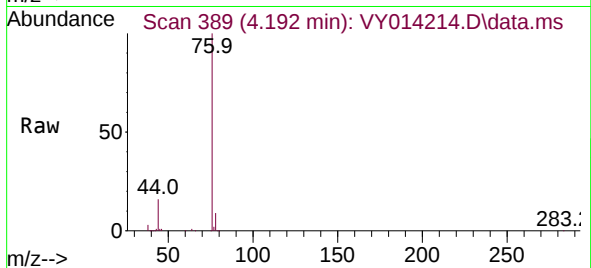




#17
Carbon Disulfide
Concen: 10.776 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY014214.D
Acq: 16 Jun 2023 19:31

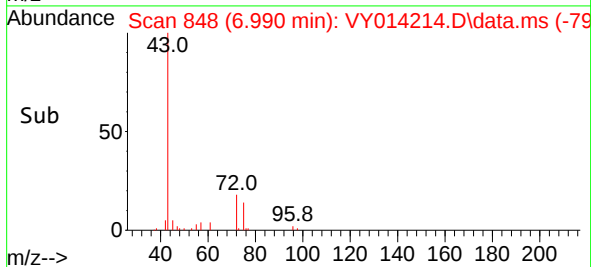
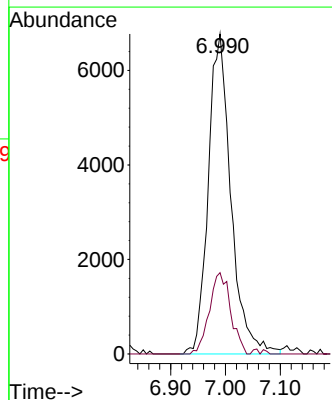
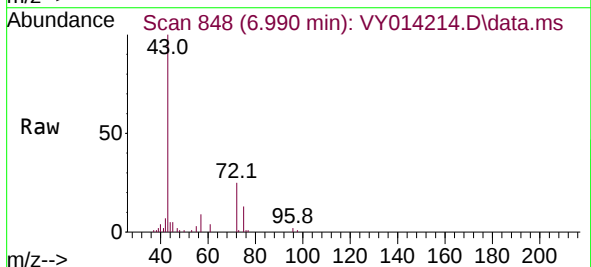
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-34-GRAB-6

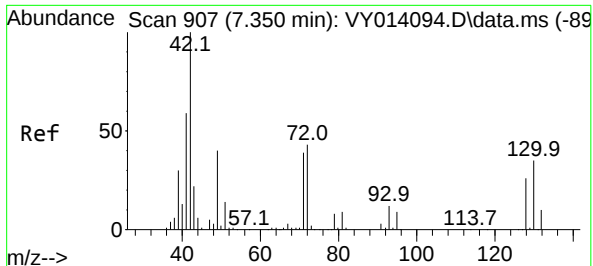
Tgt Ion: 76 Resp: 159170
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#25
2-Butanone
Concen: 9.418 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY014214.D
Acq: 16 Jun 2023 19:31

Tgt Ion: 43 Resp: 19427
Ion Ratio Lower Upper
43 100
72 25.4 20.5 30.7





#29

Tetrahydrofuran

Concen: 3.183 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY014214.D

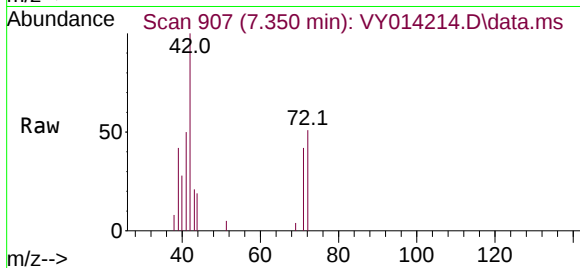
Acq: 16 Jun 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-34-GRAB-6



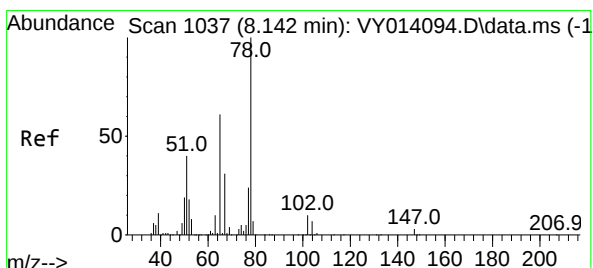
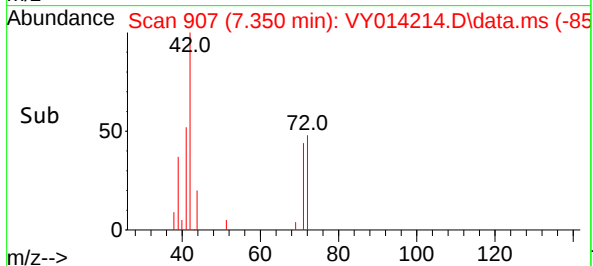
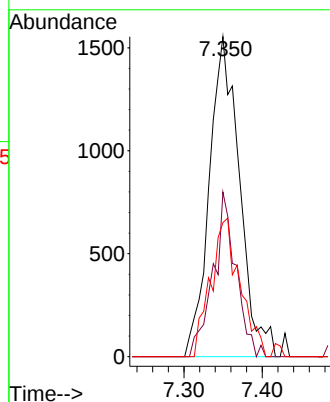
Tgt Ion: 42 Resp: 4163

Ion Ratio Lower Upper

42 100

72 38.9 32.8 49.2

71 42.0 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 50.656 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014214.D

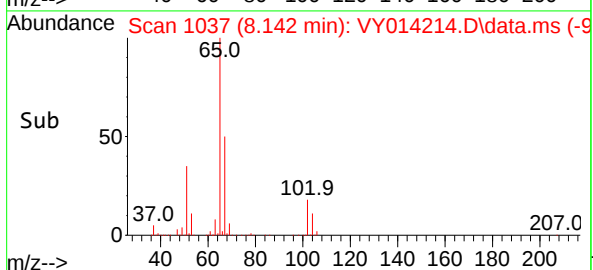
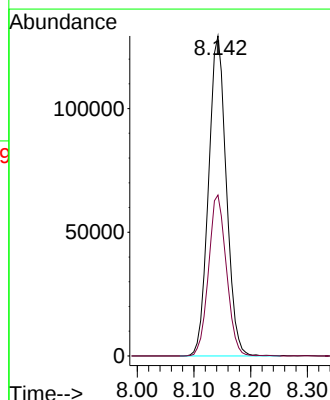
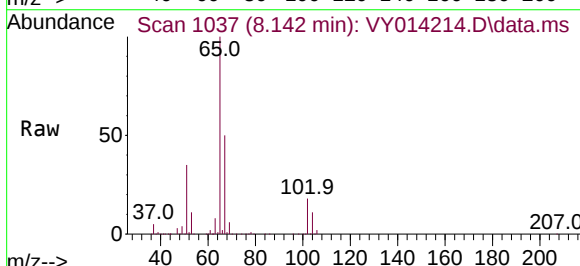
Acq: 16 Jun 2023 19:31

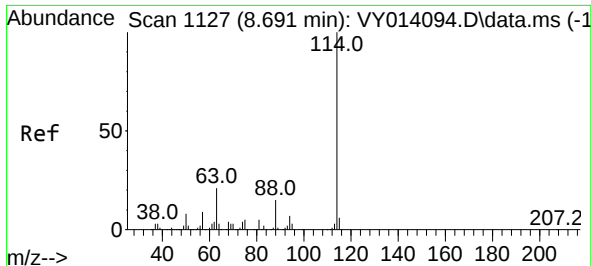
Tgt Ion: 65 Resp: 281613

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8

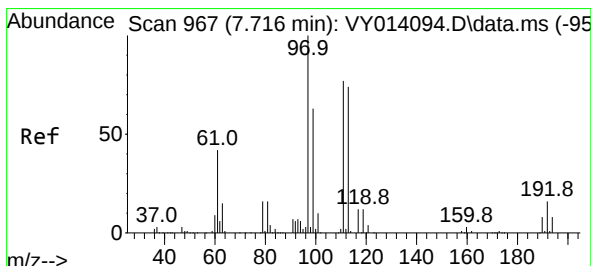
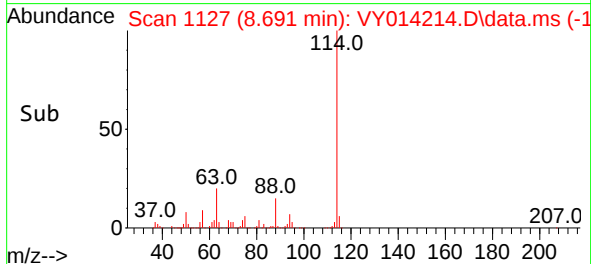
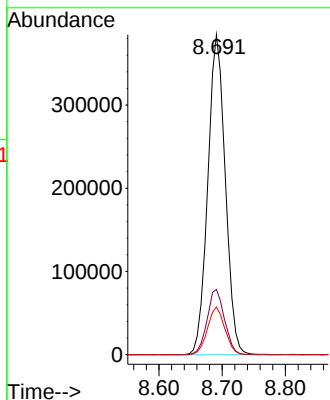
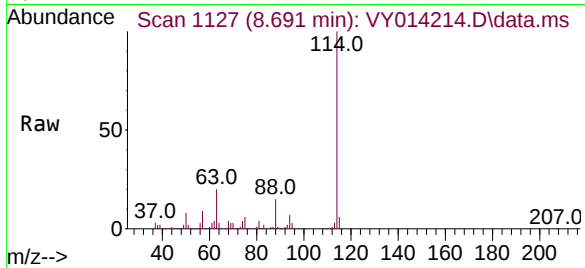




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY014214.D
Acq: 16 Jun 2023 19:31

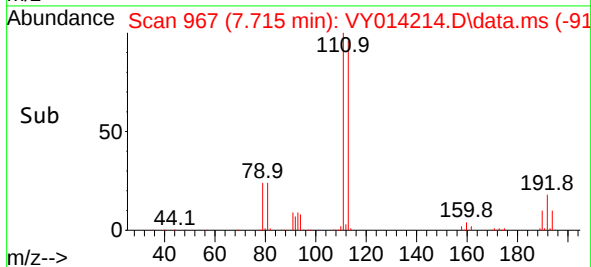
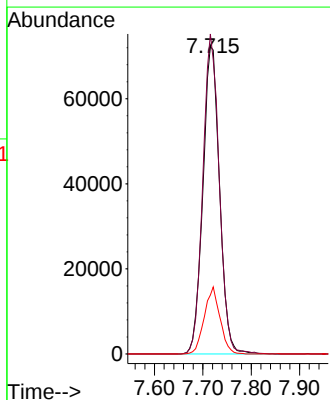
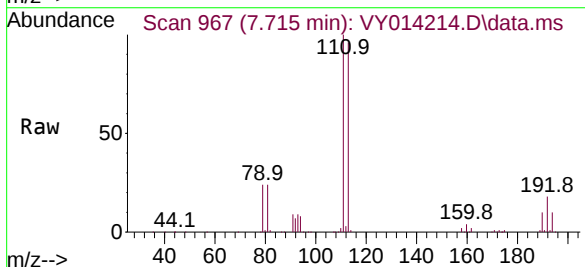
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-34-GRAB-6

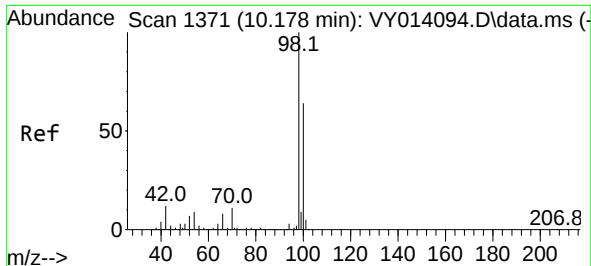
Tgt Ion:	114	Resp:	738815
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.4
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 33.110 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY014214.D
Acq: 16 Jun 2023 19:31

Tgt Ion:	113	Resp:	173479
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	20.5	16.9	25.3

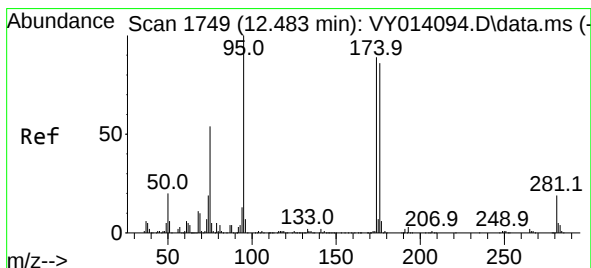
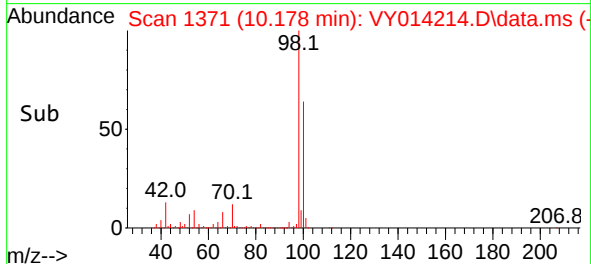
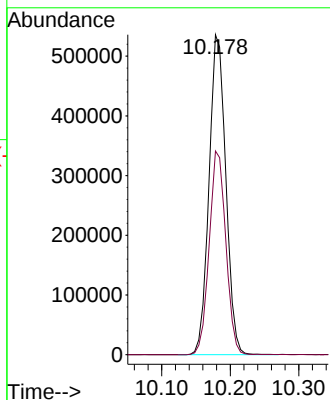
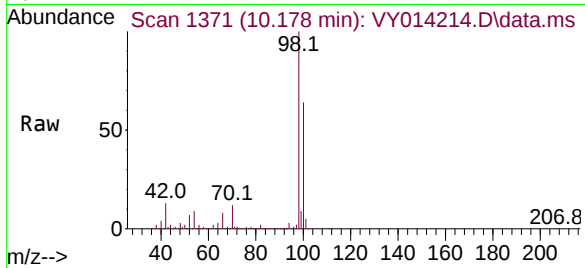




#50
Toluene-d8
Concen: 46.545 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014214.D
Acq: 16 Jun 2023 19:31

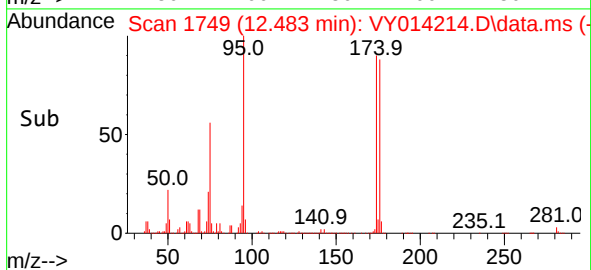
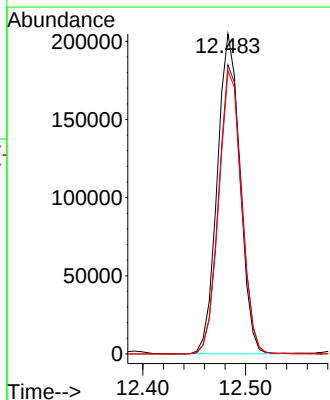
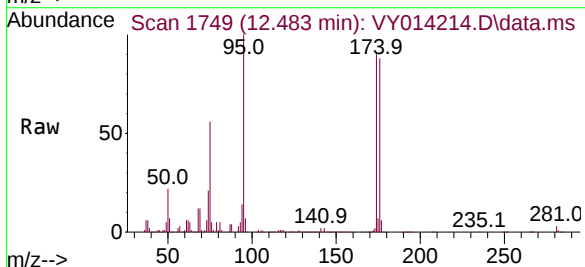
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-34-GRAB-6

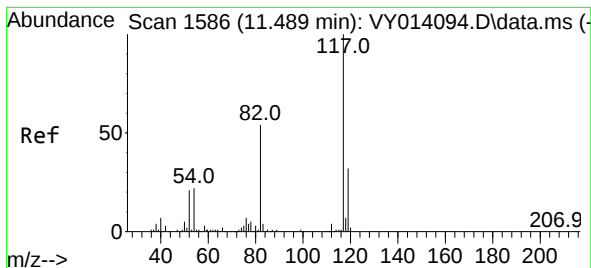
Tgt Ion: 98 Resp: 911739
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.990 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014214.D
Acq: 16 Jun 2023 19:31

Tgt Ion: 95 Resp: 313055
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 88.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014214.D

Acq: 16 Jun 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-34-GRAB-6

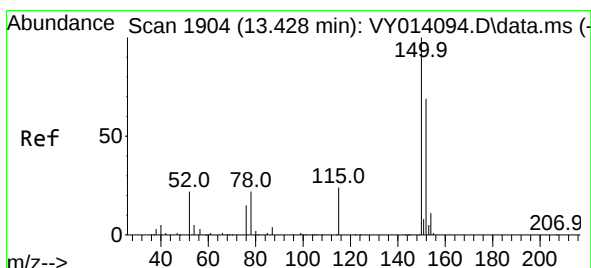
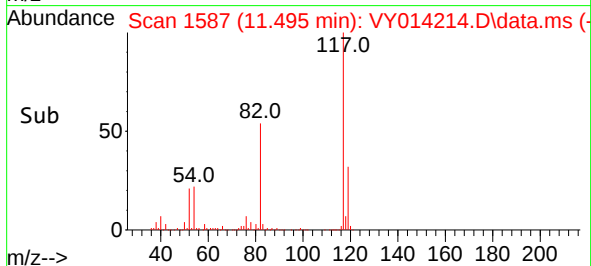
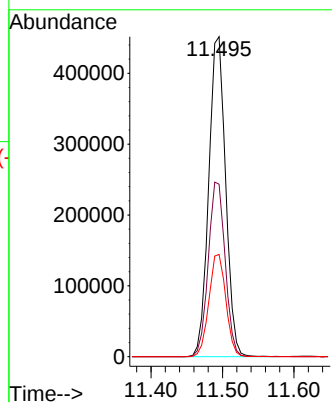
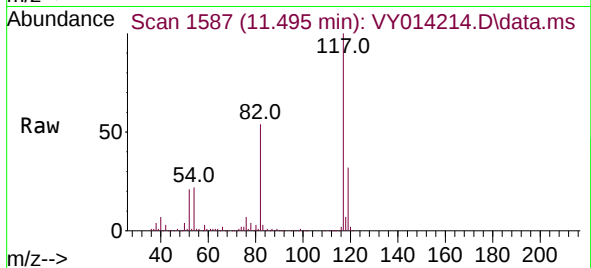
Tgt Ion:117 Resp: 739945

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 32.0 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: VY014214.D

Acq: 16 Jun 2023 19:31

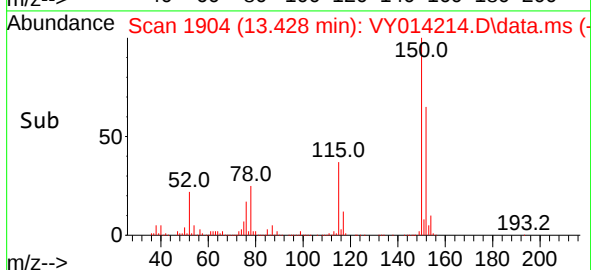
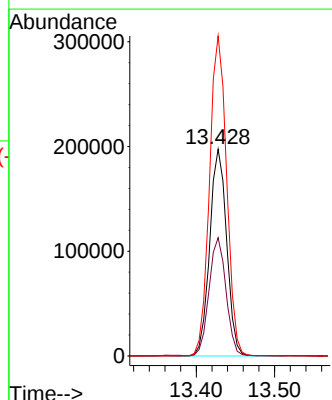
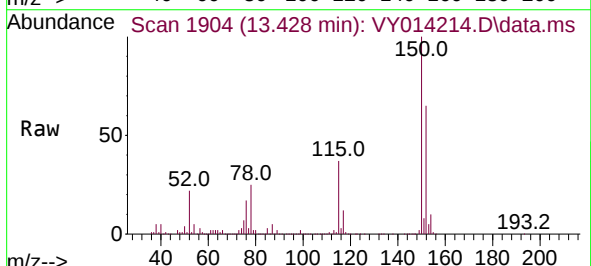
Tgt Ion:152 Resp: 296761

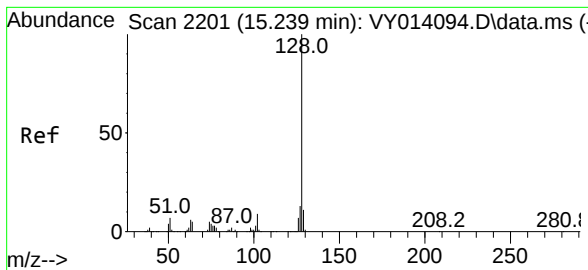
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 156.5 0.0 348.8





#95
 Naphthalene
 Concen: 1.460 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VY014214.D
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Tgt Ion:	128	Resp:	19152
Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.8	16.2
129	11.0	8.6	13.0

