

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014175.D
 Acq On : 14 Jun 2023 23:41
 Operator : KP/MD
 Sample : 03224-17
 Misc : 9.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-15-GRAB-7

Quant Time: Jun 15 01:50:24 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)

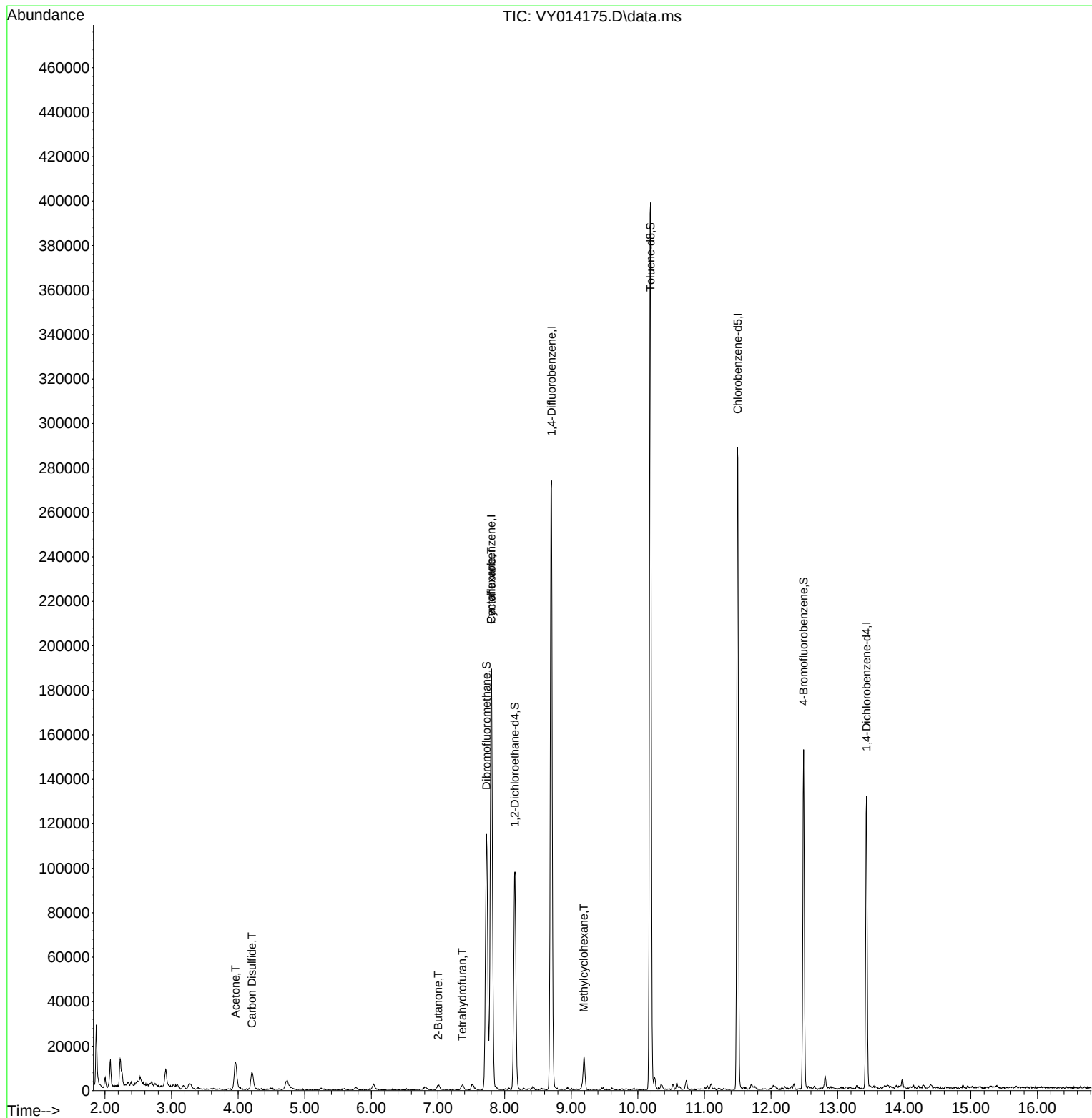
Internal Standards						
1) Pentafluorobenzene	7.801	168	143046	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	230444	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	156171	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	35022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	82539	41.437	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.880%
35) Dibromofluoromethane	7.728	113	77788	47.598	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.200%
50) Toluene-d8	10.191	98	263990	43.207	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.420%
62) 4-Bromofluorobenzene	12.489	95	43181	19.896	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.800%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	21782	36.277	ug/l	95
17) Carbon Disulfide	4.204	76	14541	2.747	ug/l #	92
25) 2-Butanone	7.002	43	3542	4.792	ug/l	98
29) Tetrahydrofuran	7.362	42	1578	3.367	ug/l	94
31) Cyclohexane	7.801	56	6095	2.284	ug/l #	74
39) Methylcyclohexane	9.191	83	5303	1.876	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
Data File : VY014175.D
Acq On : 14 Jun 2023 23:41
Operator : KP/MD
Sample : 03224-17
Misc : 9.30g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7

Quant Time: Jun 15 01:50:24 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

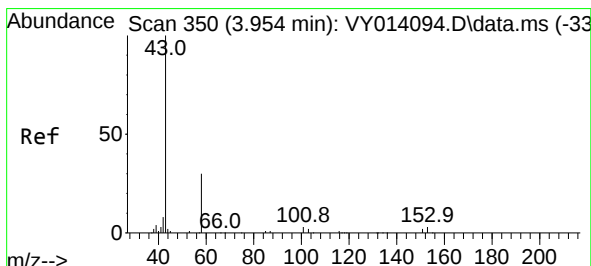
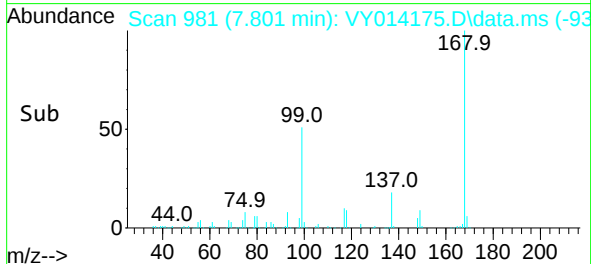
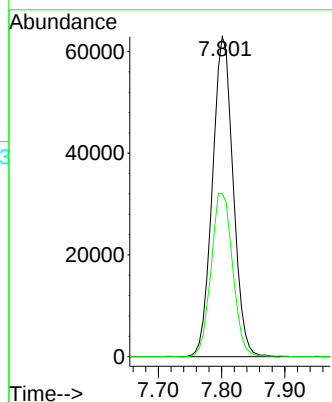
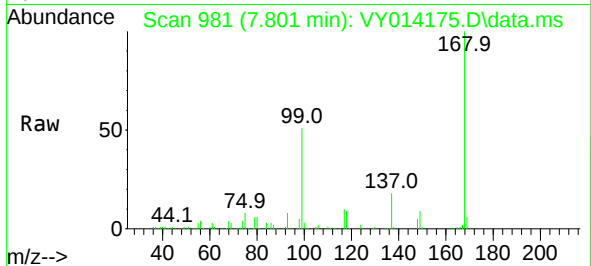




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014175.D
Acq: 14 Jun 2023 23:41

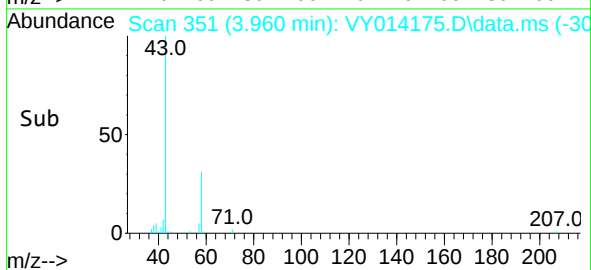
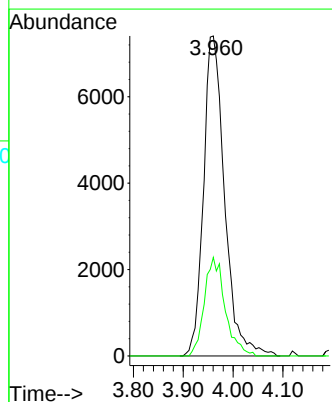
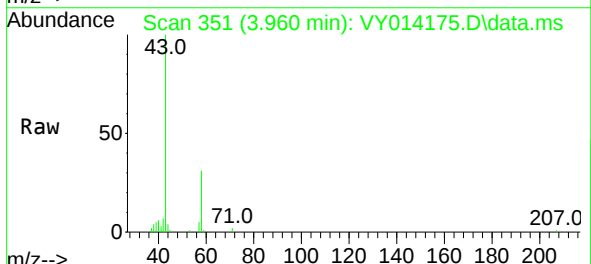
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7

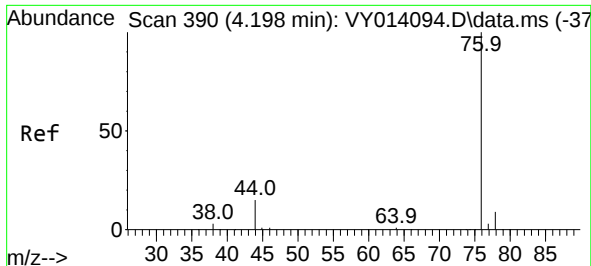
Tgt Ion:168 Resp: 143046
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#16
Acetone
Concen: 36.277 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014175.D
Acq: 14 Jun 2023 23:41

Tgt Ion: 43 Resp: 21782
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1

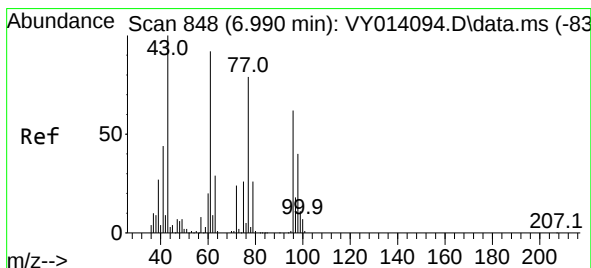
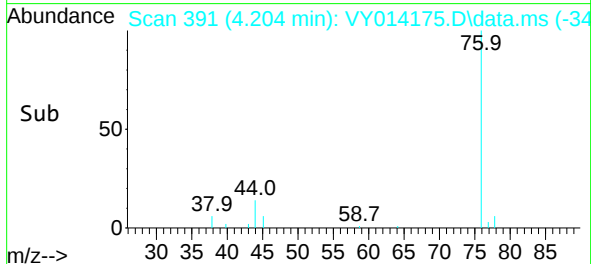
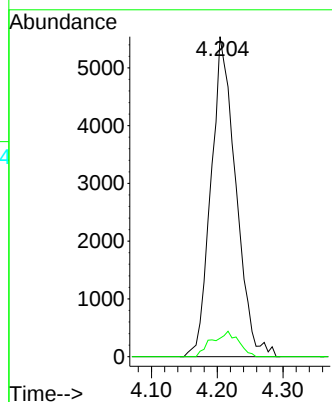
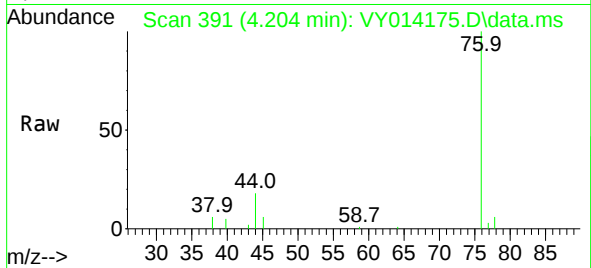




#17
Carbon Disulfide
Concen: 2.747 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY014175.D
Acq: 14 Jun 2023 23:41

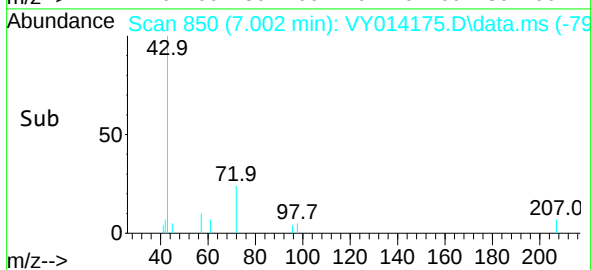
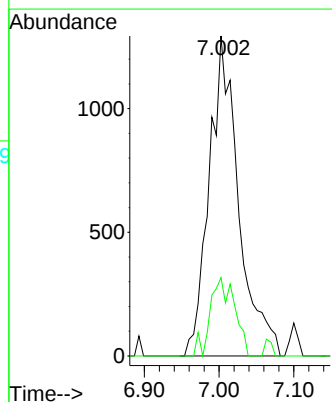
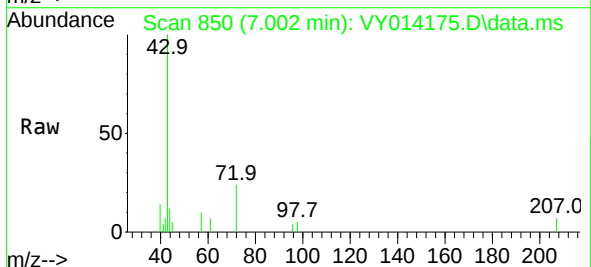
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7

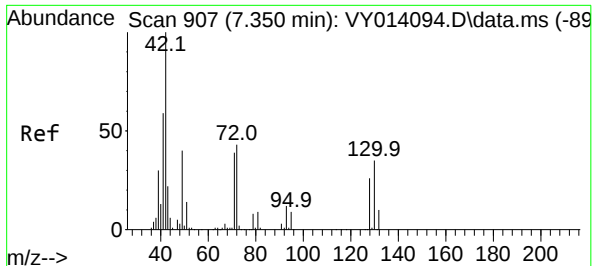
Tgt Ion: 76 Resp: 14541
Ion Ratio Lower Upper
76 100
78 5.7 7.0 10.4#



#25
2-Butanone
Concen: 4.792 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY014175.D
Acq: 14 Jun 2023 23:41

Tgt Ion: 43 Resp: 3542
Ion Ratio Lower Upper
43 100
72 24.5 20.5 30.7





#29

Tetrahydrofuran

Concen: 3.367 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY014175.D

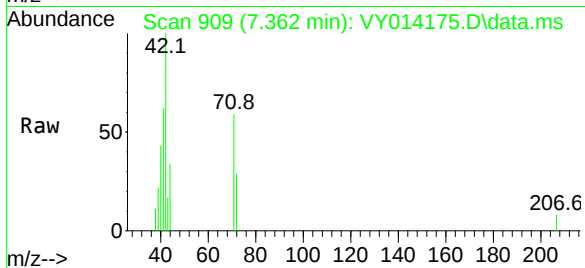
Acq: 14 Jun 2023 23:41

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-15-GRAB-7



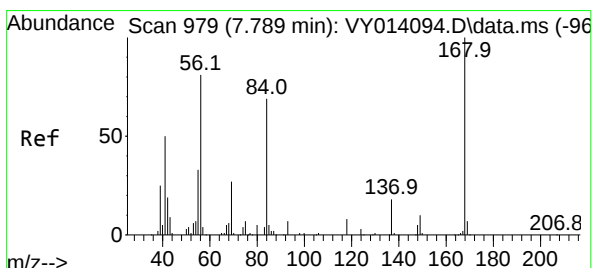
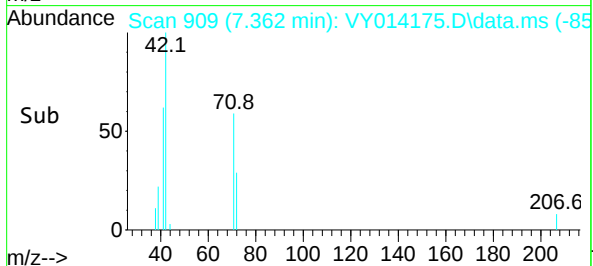
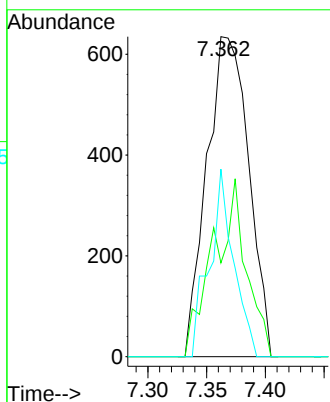
Tgt Ion: 42 Resp: 1578

Ion Ratio Lower Upper

42 100

72 43.9 32.8 49.2

71 33.8 31.0 46.4



#31

Cyclohexane

Concen: 2.284 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY014175.D

Acq: 14 Jun 2023 23:41

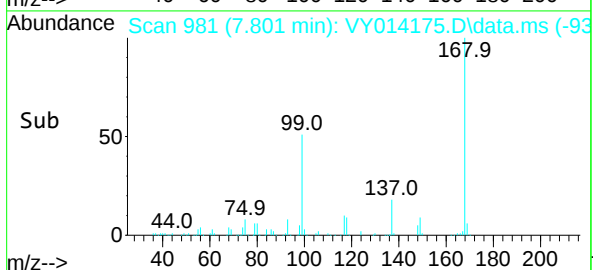
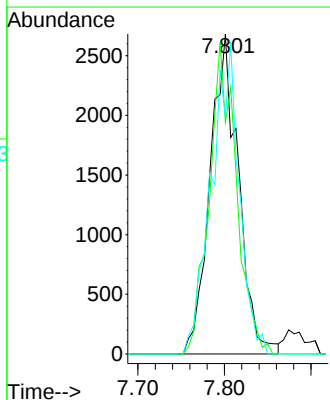
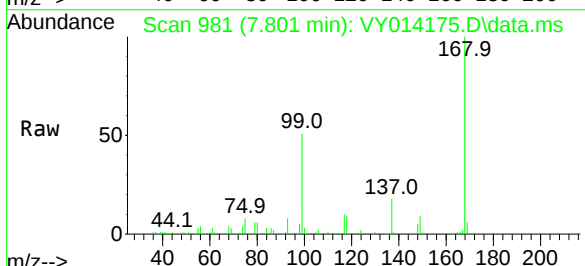
Tgt Ion: 56 Resp: 6095

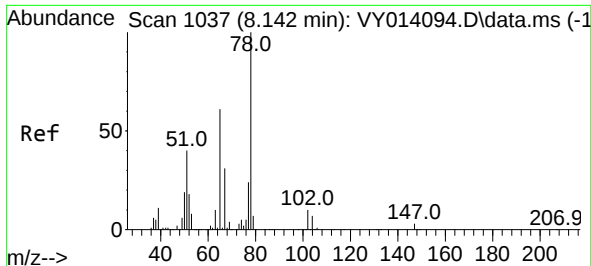
Ion Ratio Lower Upper

56 100

69 72.4 27.8 41.6#

84 73.9 66.4 99.6

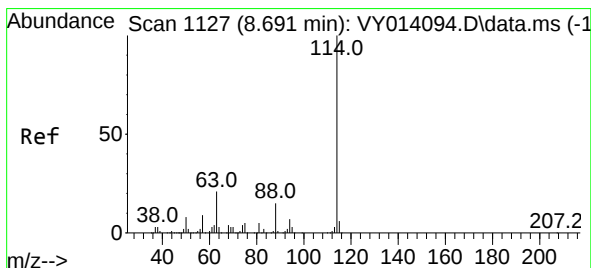
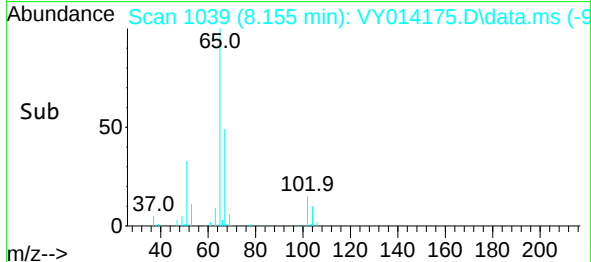
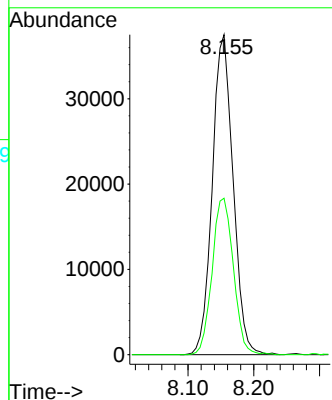
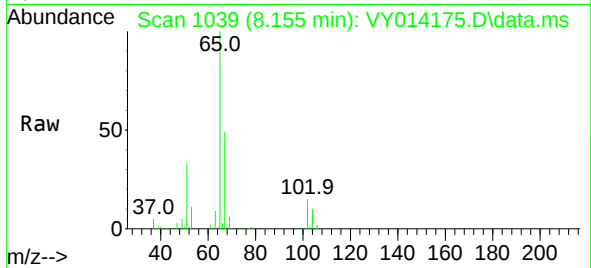




#33
1,2-Dichloroethane-d4
Concen: 41.437 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014175.D
Acq: 14 Jun 2023 23:41

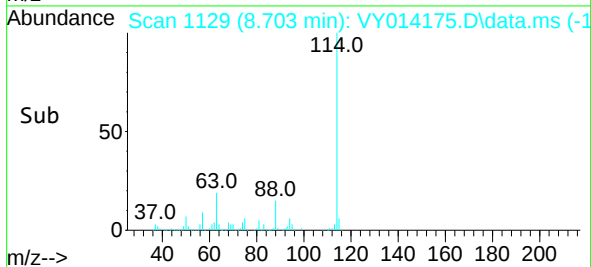
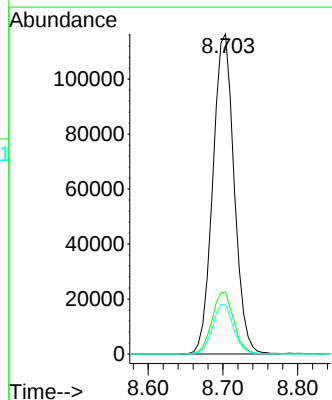
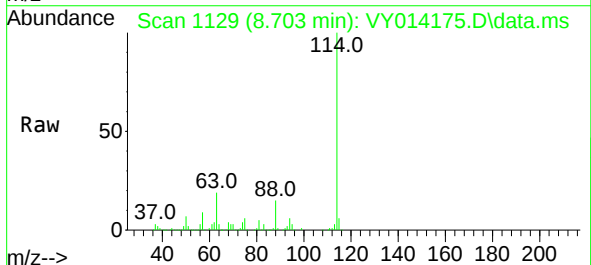
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7

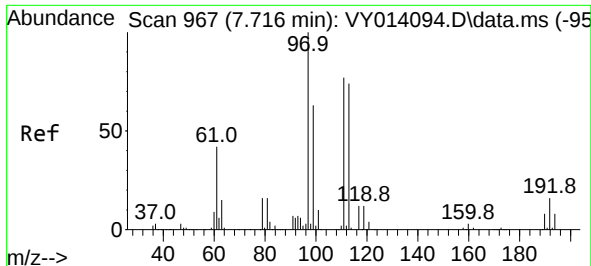
Tgt Ion: 65 Resp: 82539
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VY014175.D
Acq: 14 Jun 2023 23:41

Tgt Ion: 114 Resp: 230444
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.3 0.0 30.6

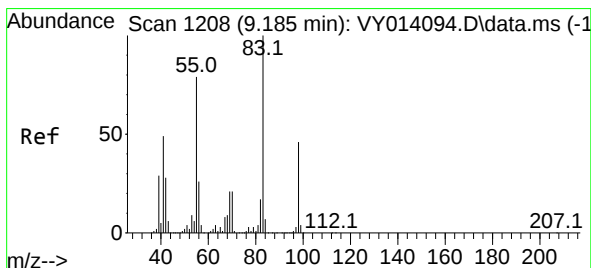
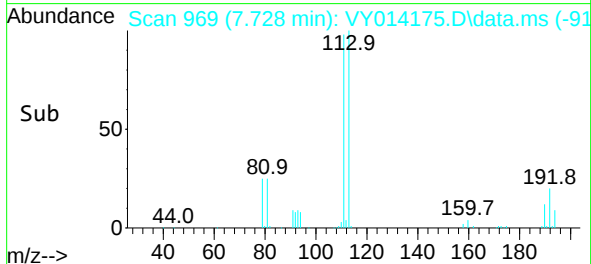
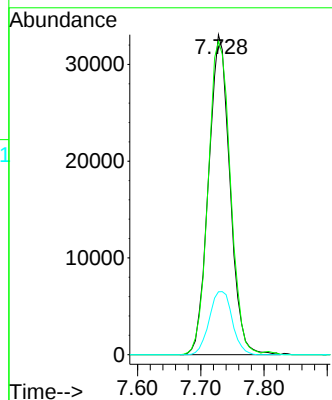
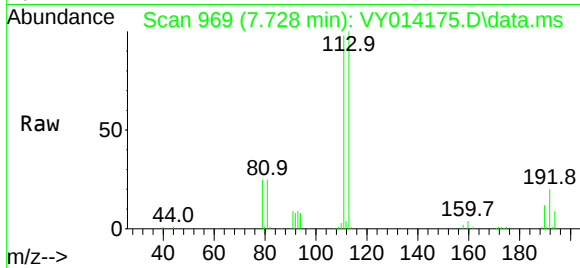




#35
Dibromofluoromethane
Concen: 47.598 ug/l
RT: 7.728 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY014175.D
Acq: 14 Jun 2023 23:41

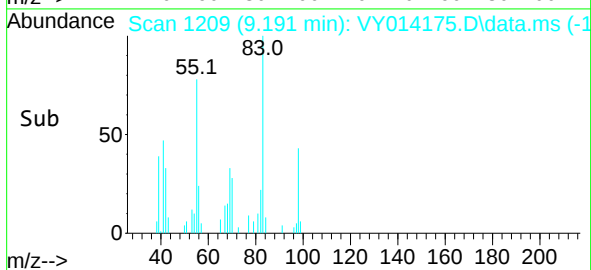
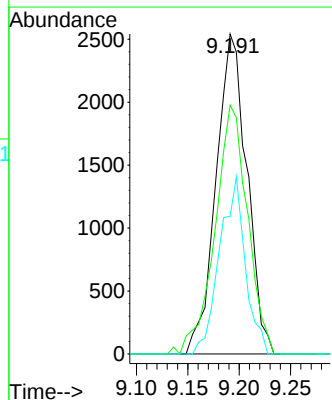
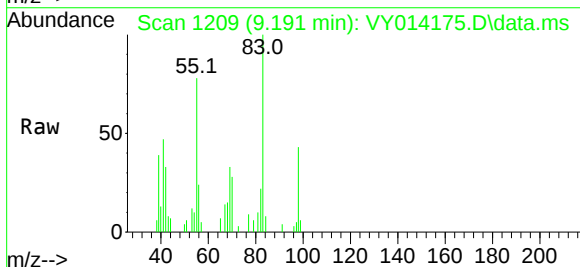
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7

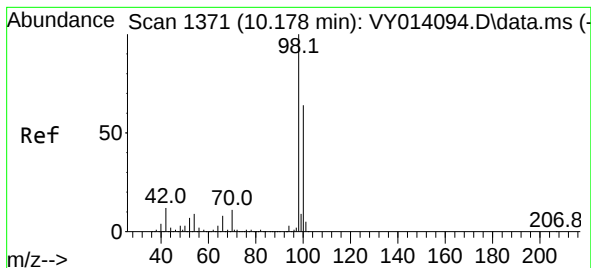
Tgt Ion:113 Resp: 77788
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 21.1 16.9 25.3



#39
Methylcyclohexane
Concen: 1.876 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY014175.D
Acq: 14 Jun 2023 23:41

Tgt Ion: 83 Resp: 5303
Ion Ratio Lower Upper
83 100
55 77.7 63.0 94.4
98 43.0 37.4 56.2

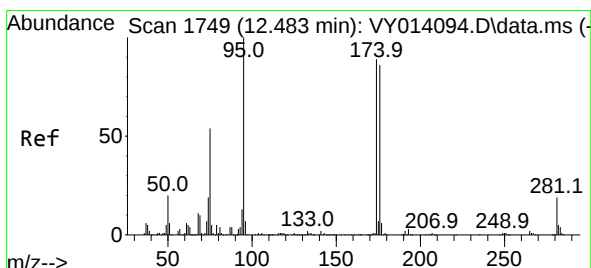
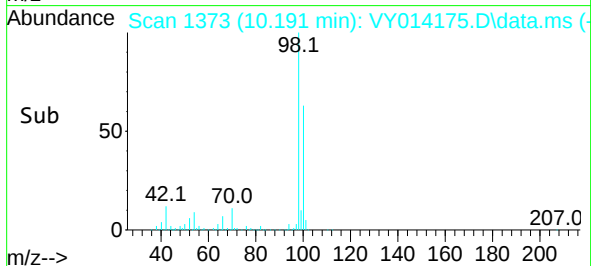
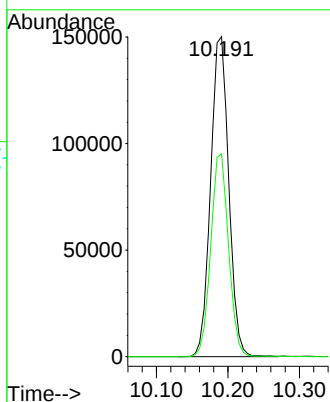
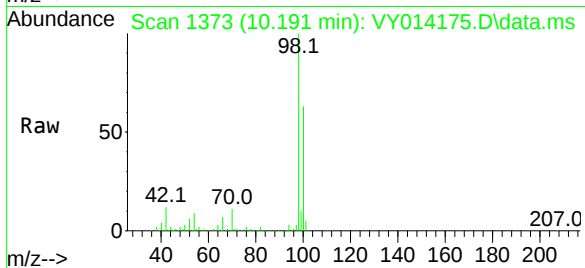




#50
Toluene-d8
Concen: 43.207 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014175.D
Acq: 14 Jun 2023 23:41

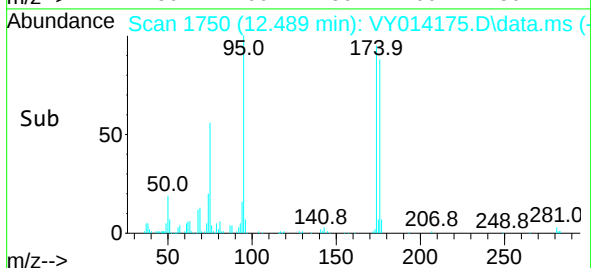
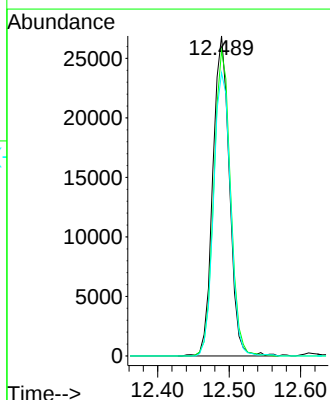
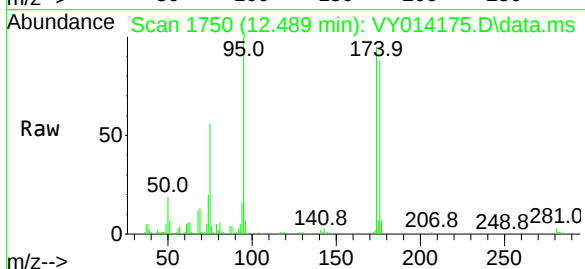
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7

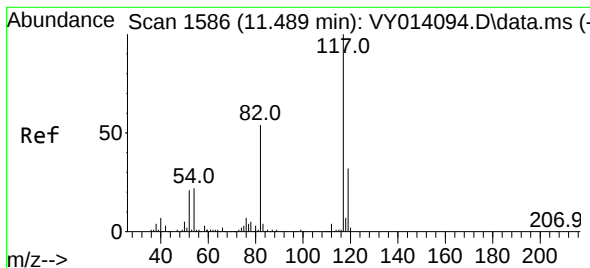
Tgt Ion: 98 Resp: 263990
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 19.896 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014175.D
Acq: 14 Jun 2023 23:41

Tgt Ion: 95 Resp: 43181
Ion Ratio Lower Upper
95 100
174 96.4 0.0 178.2
176 90.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY014175.D

Acq: 14 Jun 2023 23:41

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-15-GRAB-7

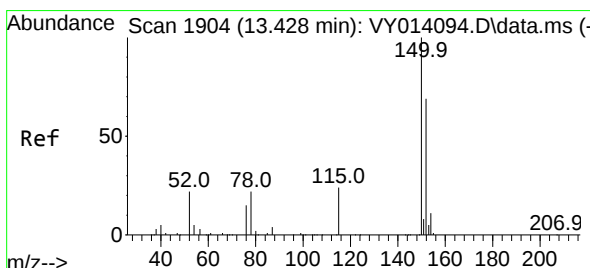
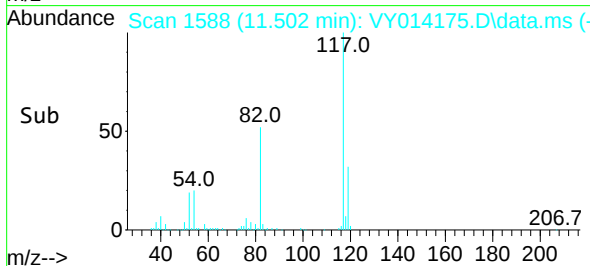
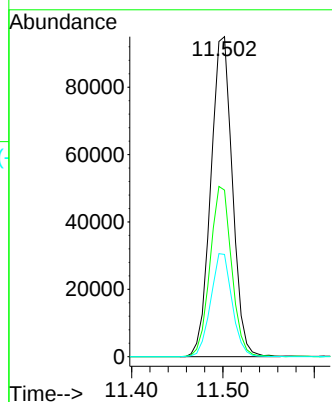
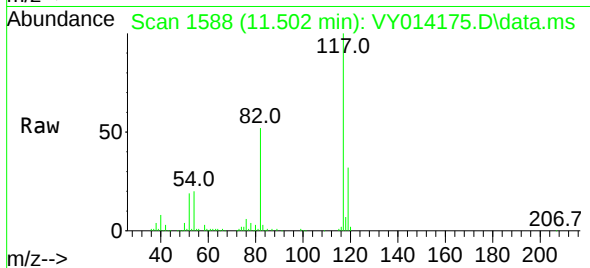
Tgt Ion:117 Resp: 156171

Ion Ratio Lower Upper

117 100

82 52.0 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014175.D

Acq: 14 Jun 2023 23:41

Tgt Ion:152 Resp: 35022

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 155.8 0.0 348.8

