

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014215.D
 Acq On : 16 Jun 2023 19:55
 Operator : KP/MD
 Sample : 03255-06
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-24-GRAB-7

Quant Time: Jun 16 23:25:54 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)

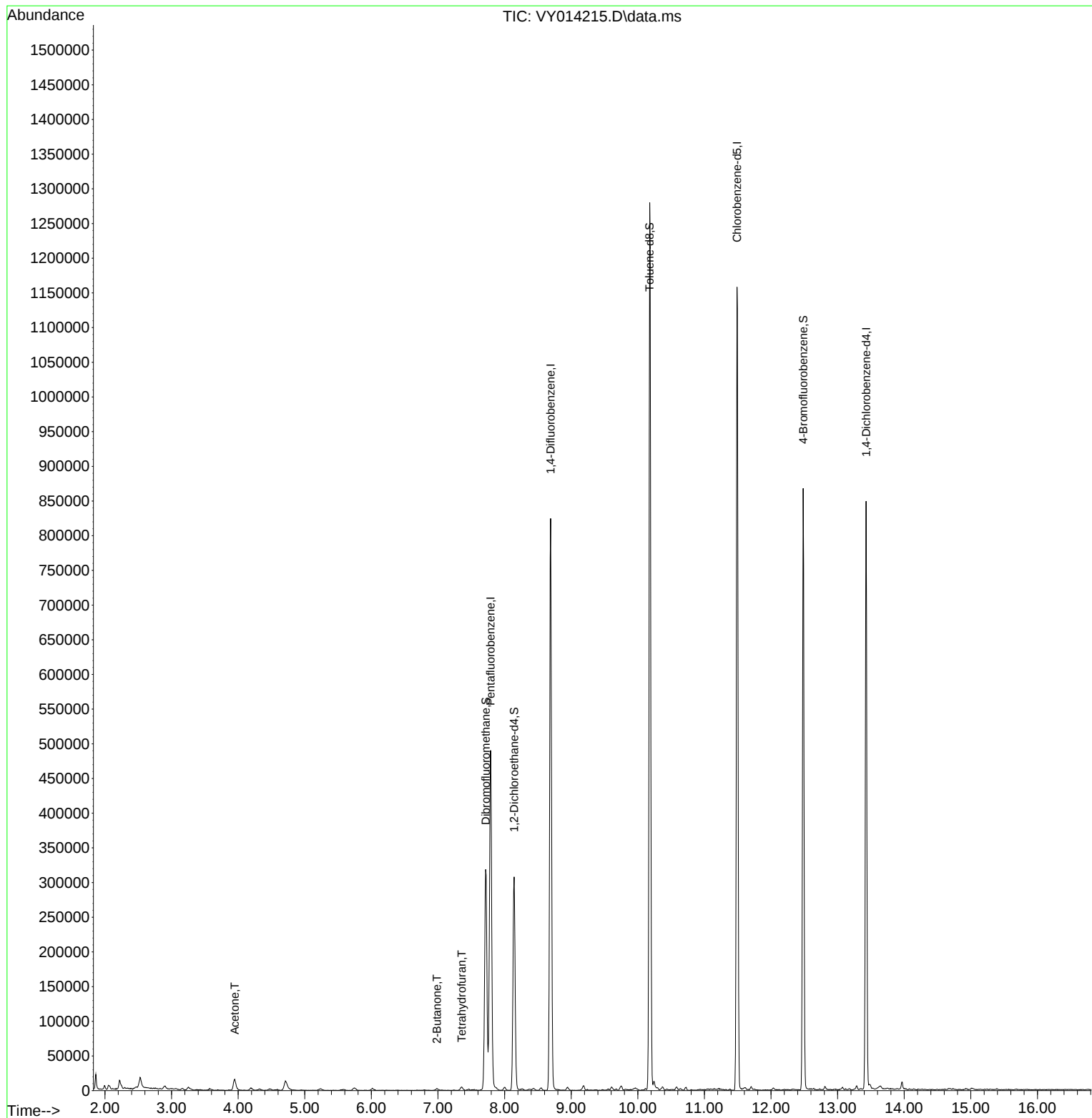
Internal Standards						
1) Pentafluorobenzene	7.789	168	372153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	665106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	616615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	208040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	255322	49.268	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.540%		
35) Dibromofluoromethane	7.715	113	216521	45.904	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.800%		
50) Toluene-d8	10.178	98	815789	46.262	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.520%		
62) 4-Bromofluorobenzene	12.483	95	239172	38.181	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	76.360%		
Target Compounds						
16) Acetone	3.948	43	27554	17.639	ug/l	99
25) 2-Butanone	6.984	43	2170	1.129	ug/l #	84
29) Tetrahydrofuran	7.356	42	3144	2.578	ug/l	94

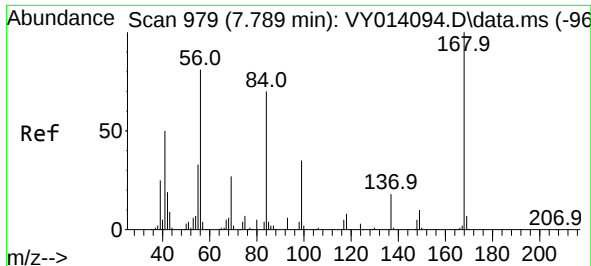
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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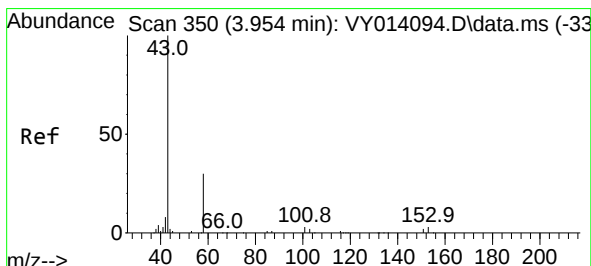
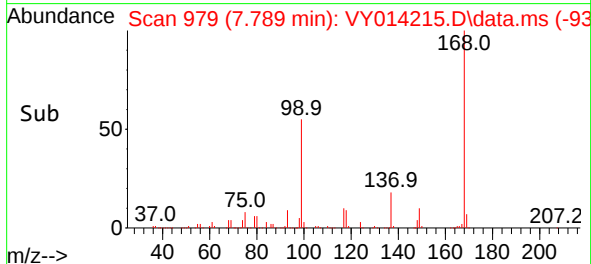
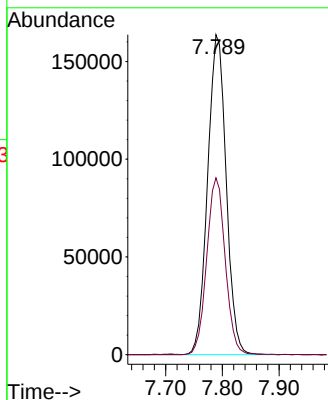
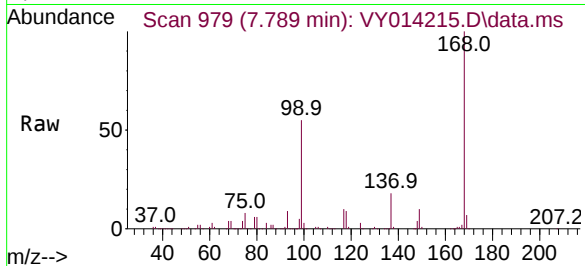




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014215.D
Acq: 16 Jun 2023 19:55

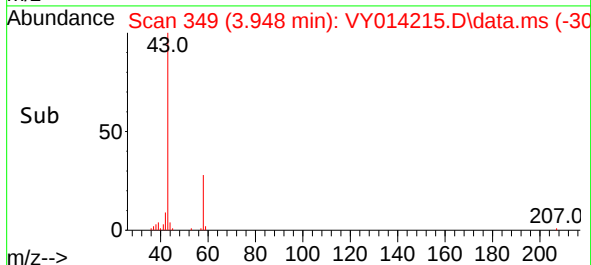
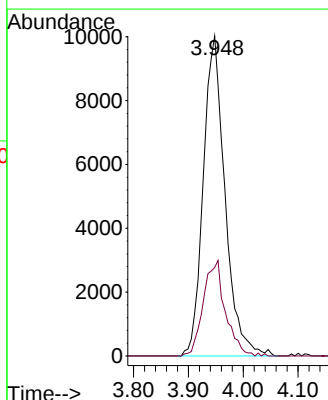
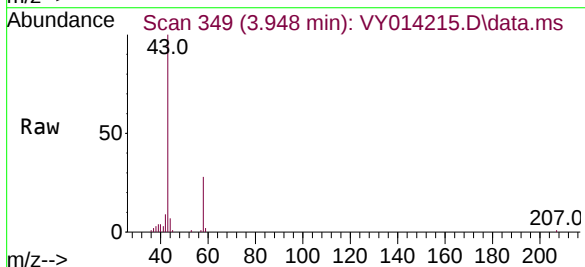
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-24-GRAB-7

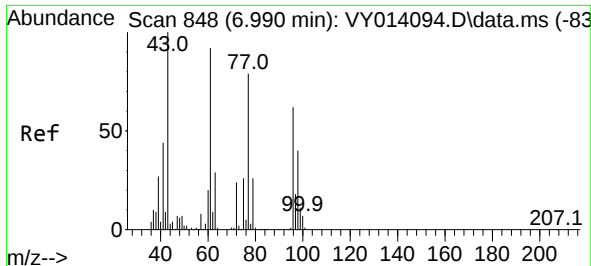
Tgt Ion:168 Resp: 372153
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#16
Acetone
Concen: 17.639 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014215.D
Acq: 16 Jun 2023 19:55

Tgt Ion: 43 Resp: 27554
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1

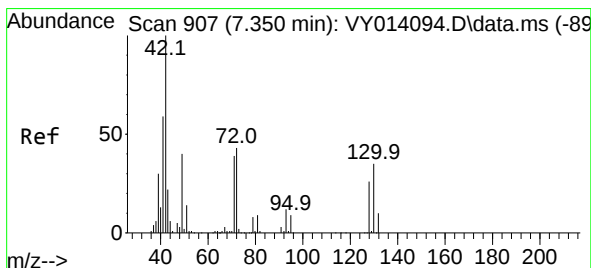
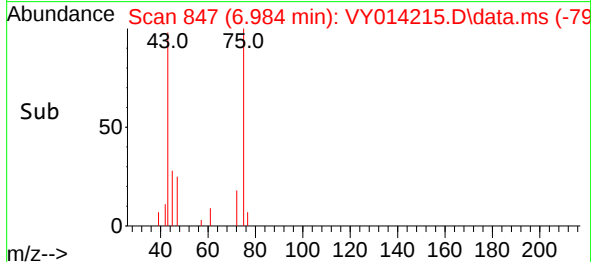
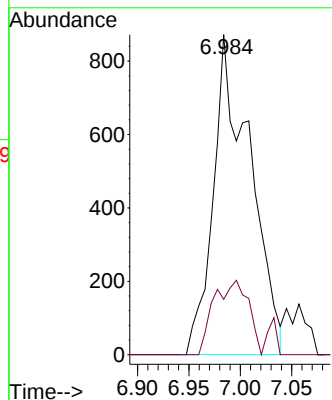
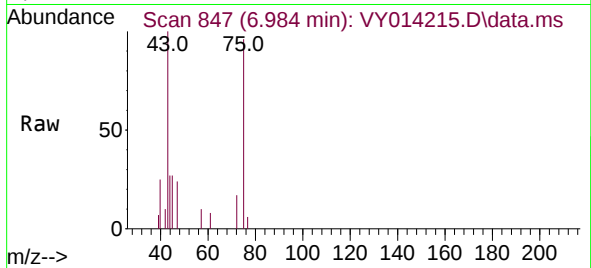




#25
2-Butanone
Concen: 1.129 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014215.D
Acq: 16 Jun 2023 19:55

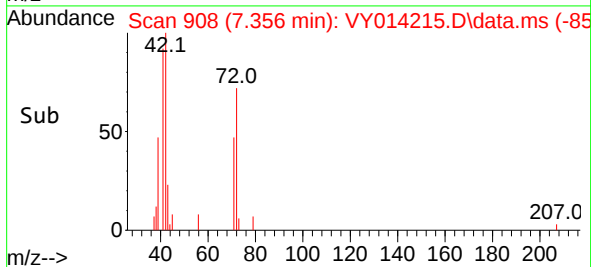
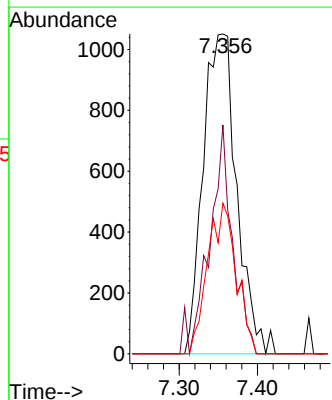
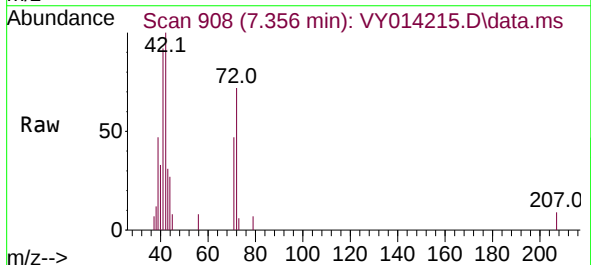
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-24-GRAB-7

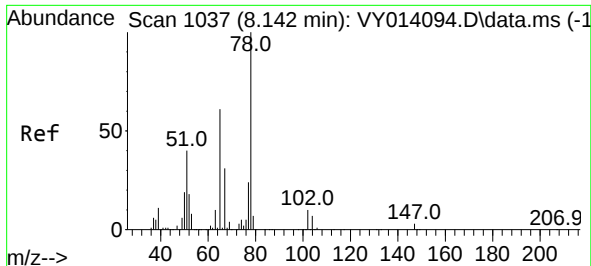
Tgt Ion: 43 Resp: 2170
Ion Ratio Lower Upper
43 100
72 17.3 20.5 30.7#



#29
Tetrahydrofuran
Concen: 2.578 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY014215.D
Acq: 16 Jun 2023 19:55

Tgt Ion: 42 Resp: 3144
Ion Ratio Lower Upper
42 100
72 47.6 32.8 49.2
71 39.9 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 49.268 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014215.D

Acq: 16 Jun 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

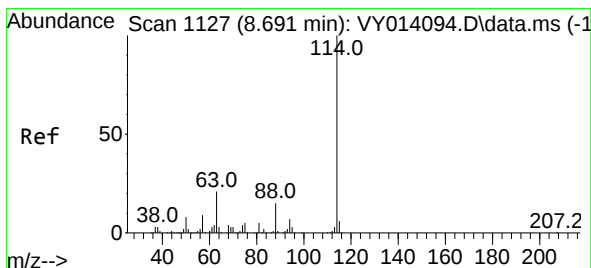
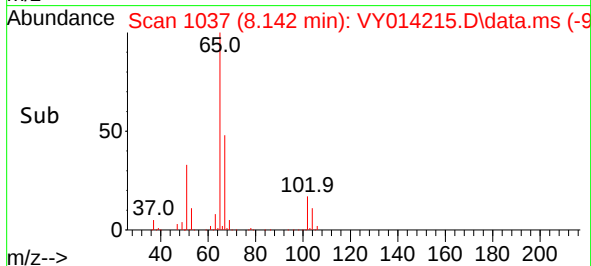
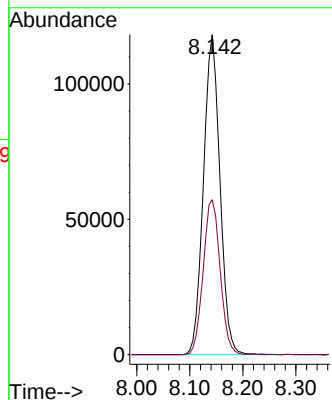
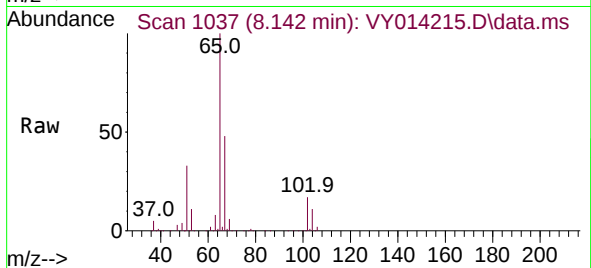
TOTAL-VOC-SB-24-GRAB-7

Tgt Ion: 65 Resp: 255322

Ion Ratio Lower Upper

65 100

67 49.8 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: VY014215.D

Acq: 16 Jun 2023 19:55

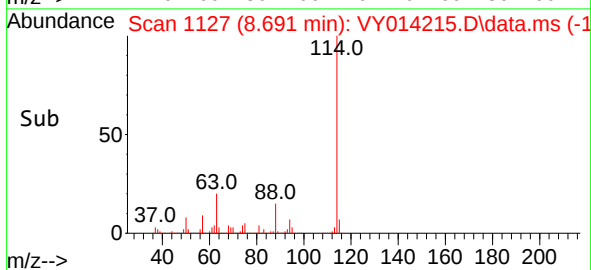
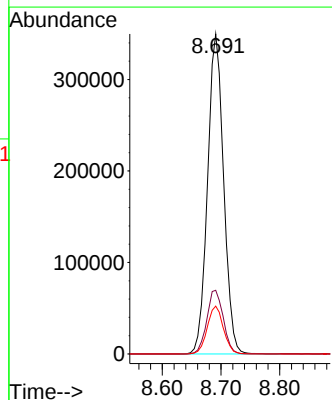
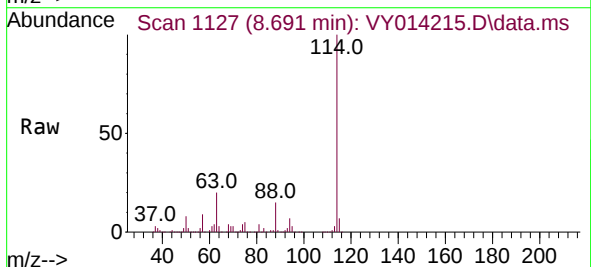
Tgt Ion: 114 Resp: 665106

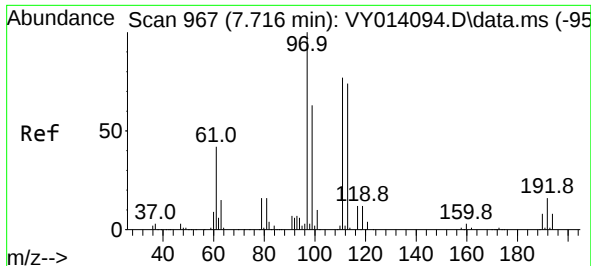
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.0 0.0 30.6

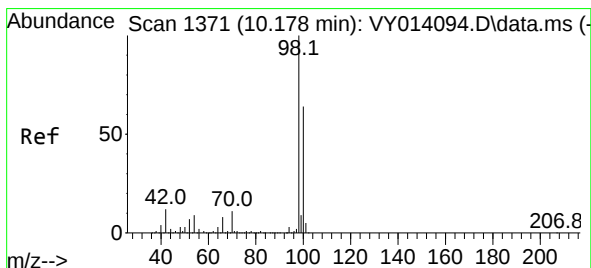
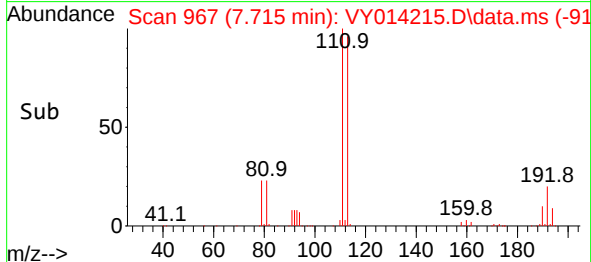
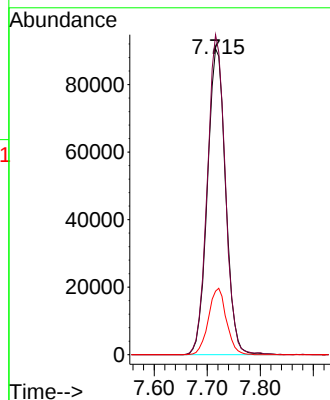
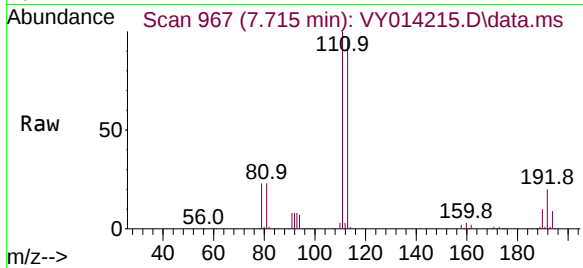




#35
Dibromofluoromethane
Concen: 45.904 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY014215.D
Acq: 16 Jun 2023 19:55

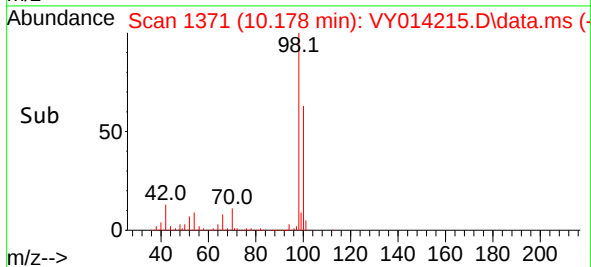
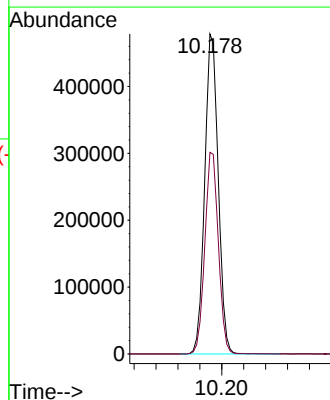
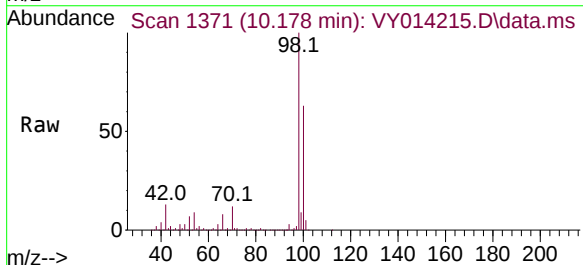
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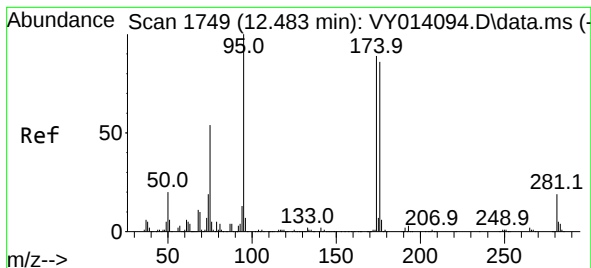
Tgt Ion:113 Resp: 216521
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 21.3 16.9 25.3



#50
Toluene-d8
Concen: 46.262 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014215.D
Acq: 16 Jun 2023 19:55

Tgt Ion: 98 Resp: 815789
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

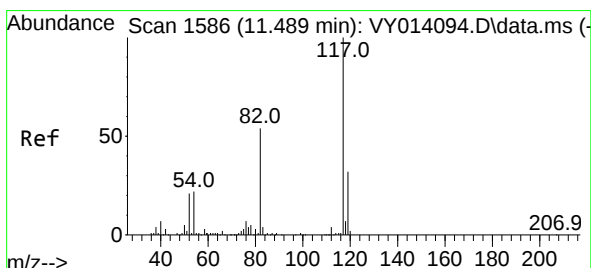
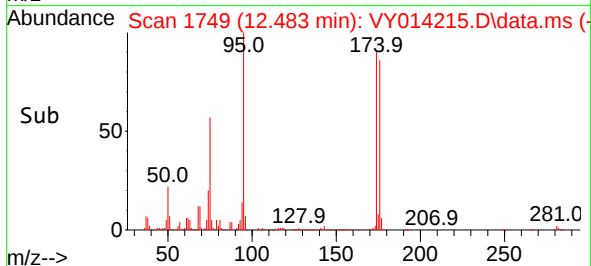
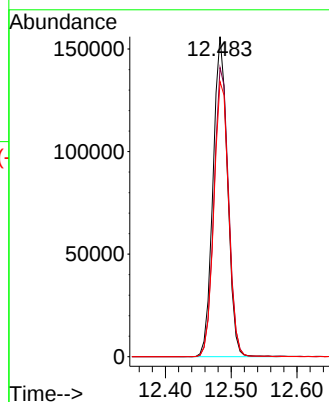
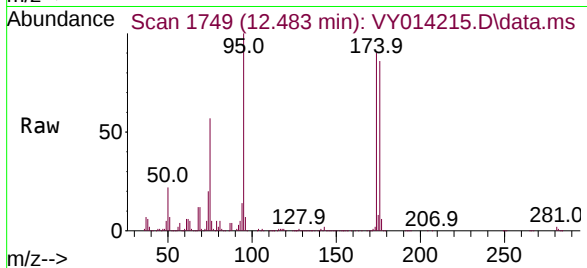




#62
4-Bromofluorobenzene
Concen: 38.181 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014215.D
Acq: 16 Jun 2023 19:55

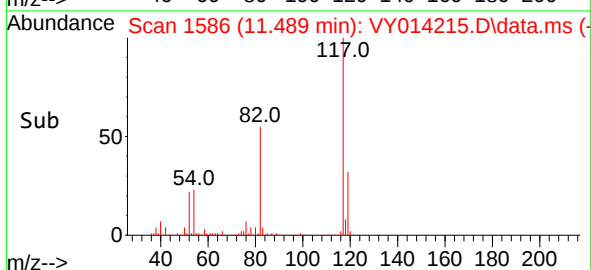
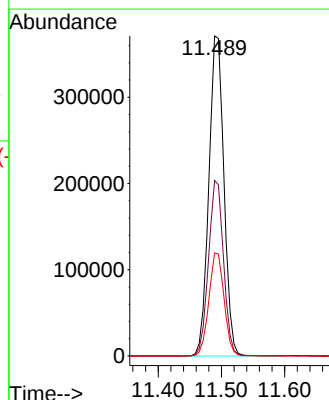
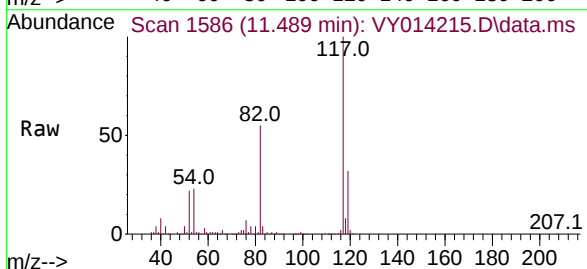
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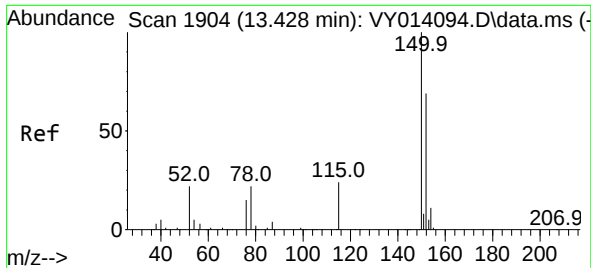
Tgt Ion: 95 Resp: 239172
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 87.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014215.D
Acq: 16 Jun 2023 19:55

Tgt Ion: 117 Resp: 616615
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.2 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: VY014215.D

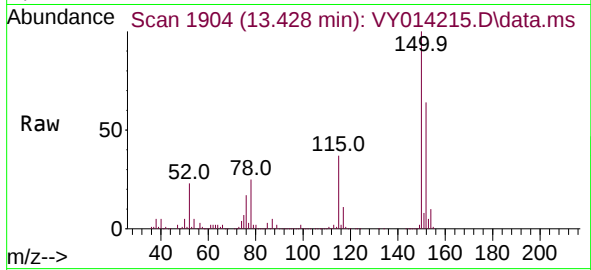
Acq: 16 Jun 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-24-GRAB-7



Tgt Ion:152 Resp: 208040

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 158.8 0.0 348.8

