

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014151.D
 Acq On : 13 Jun 2023 19:47
 Operator : KP/MD
 Sample : 03157-06
 Misc : 3.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-622-VOC-01

Quant Time: Jun 14 01:40:03 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)

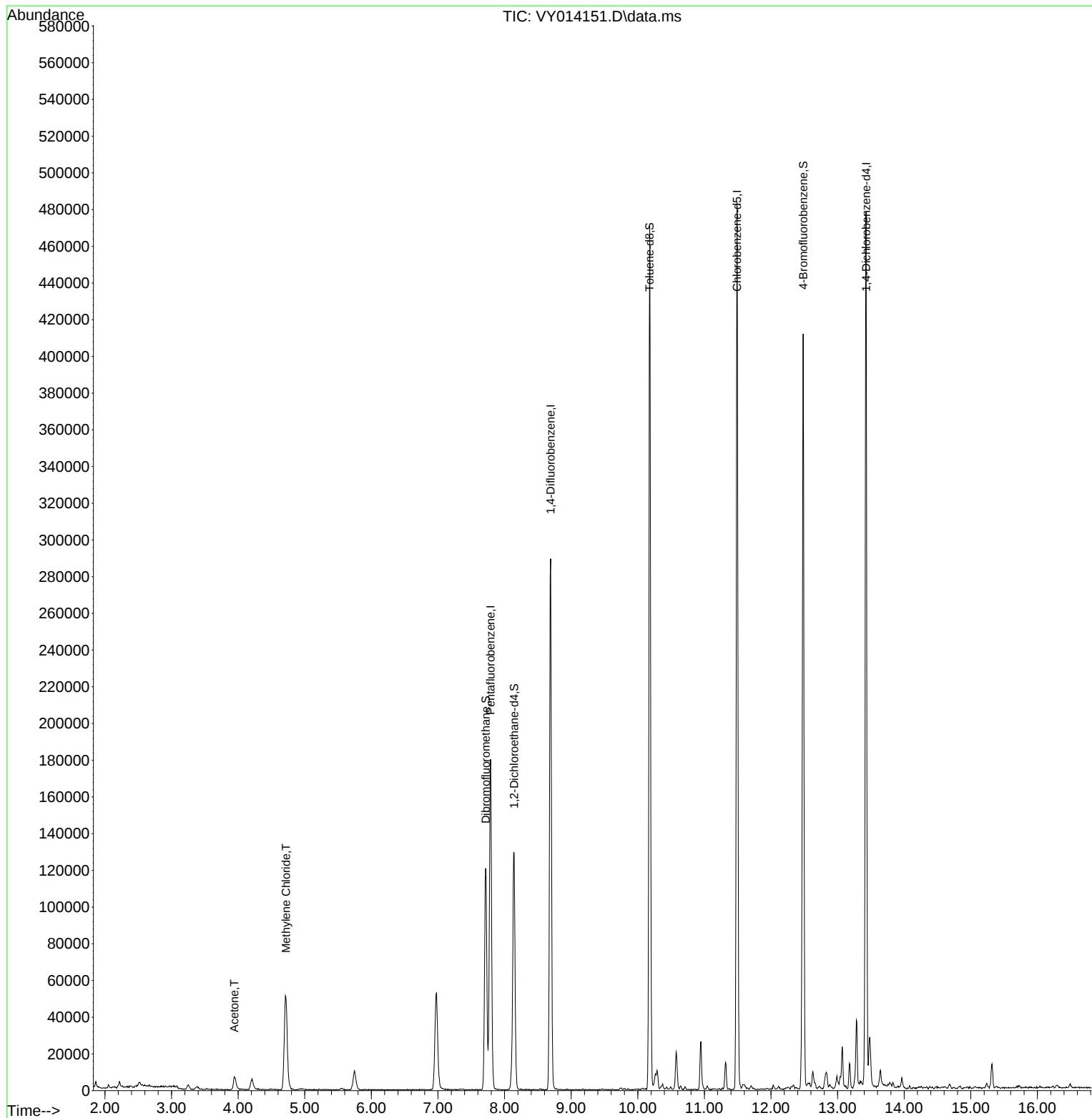
Internal Standards						
1) Pentafluorobenzene	7.789	168	139564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	253955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	105677	54.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.760%	
35) Dibromofluoromethane	7.716	113	83655	48.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.720%	
50) Toluene-d8	10.179	98	295807	46.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.420%	
62) 4-Bromofluorobenzene	12.483	95	108037	47.515	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.040%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	12881	21.988	ug/l	95
20) Methylene Chloride	4.716	84	37922	17.981	ug/l	94

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

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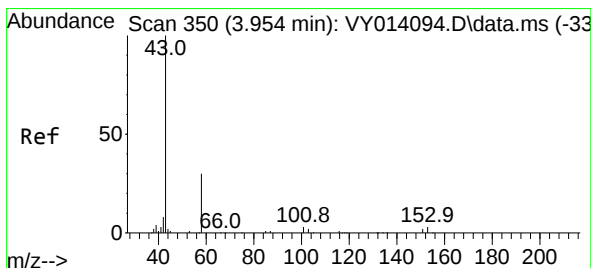
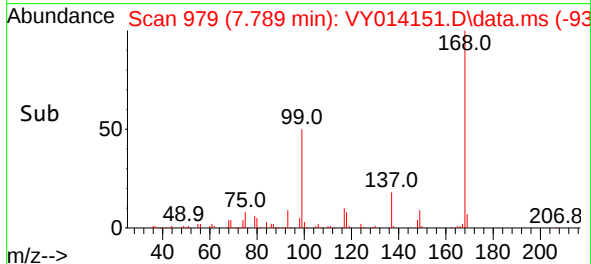
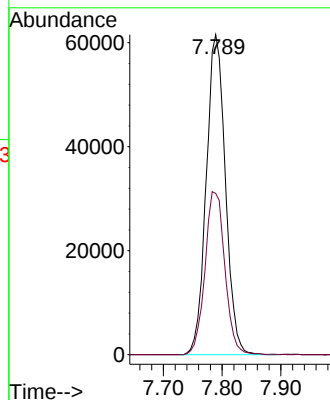
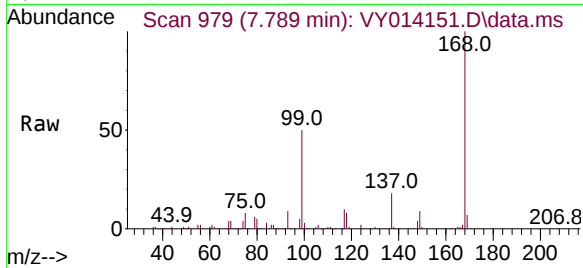




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014151.D
Acq: 13 Jun 2023 19:47

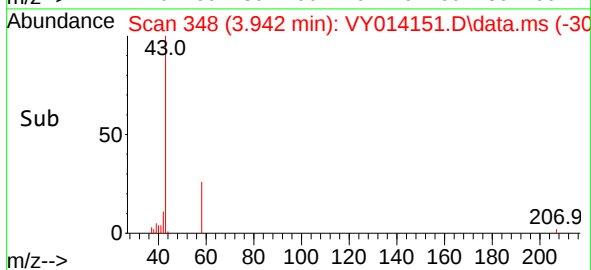
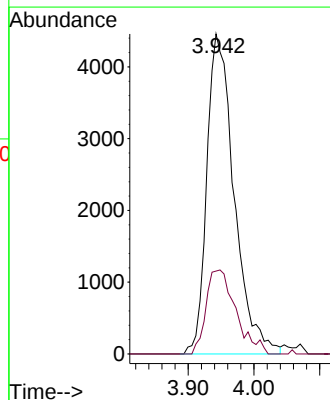
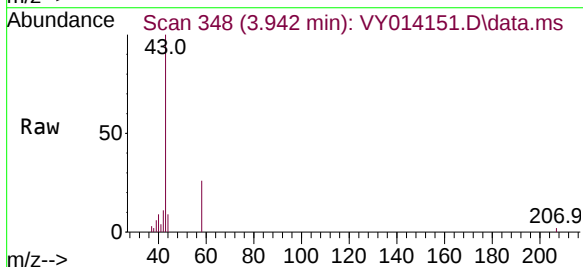
Instrument :
MSVOA_Y
ClientSampleId :
SU-622-VOC-01

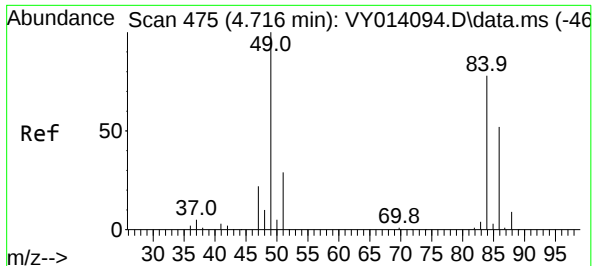
Tgt Ion:168 Resp: 139564
Ion Ratio Lower Upper
168 100
99 50.4 43.4 65.0



#16
Acetone
Concen: 21.988 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014151.D
Acq: 13 Jun 2023 19:47

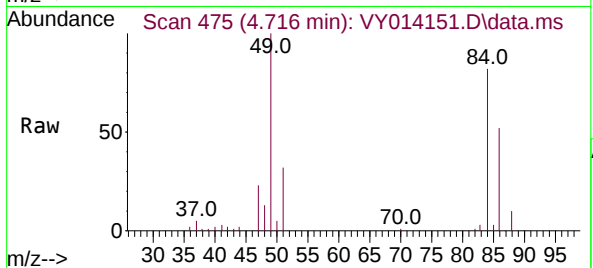
Tgt Ion: 43 Resp: 12881
Ion Ratio Lower Upper
43 100
58 25.9 22.7 34.1



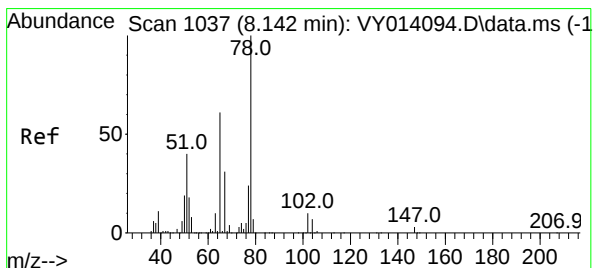
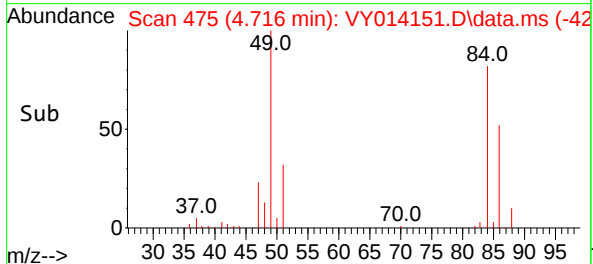
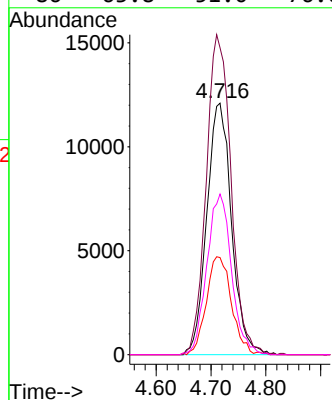


#20
Methylene Chloride
Concen: 17.981 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014151.D
Acq: 13 Jun 2023 19:47

Instrument :
MSVOA_Y
ClientSampleId :
SU-622-VOC-01

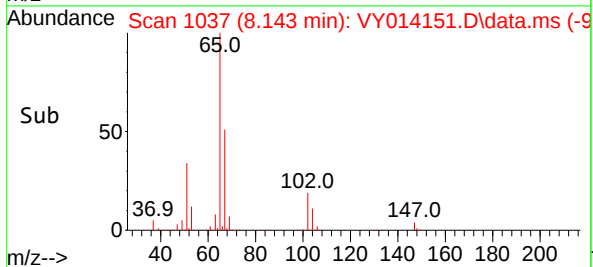
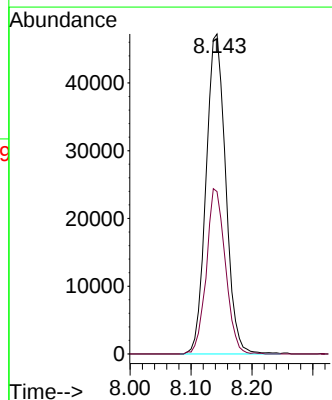
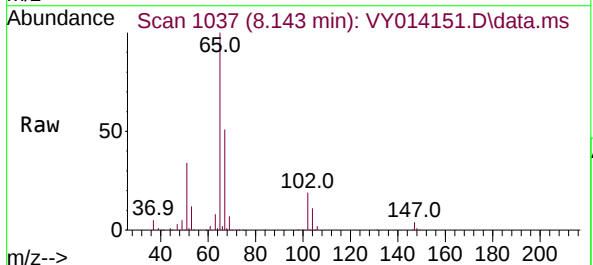


Tgt Ion:	84	Resp:	37922
Ion	Ratio	Lower	Upper
84	100		
49	122.0	106.9	160.3
51	38.6	33.2	49.8
86	63.8	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 54.376 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014151.D
Acq: 13 Jun 2023 19:47

Tgt Ion:	65	Resp:	105677
Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.8

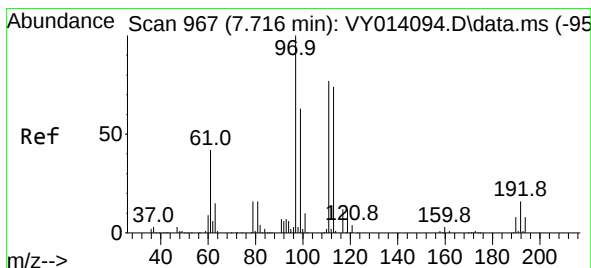
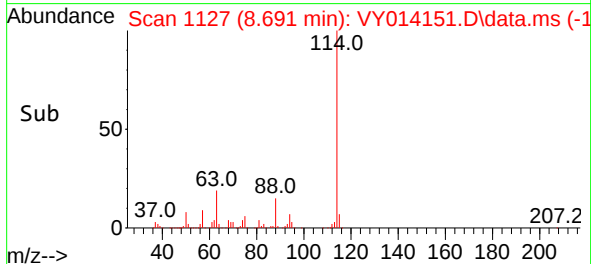
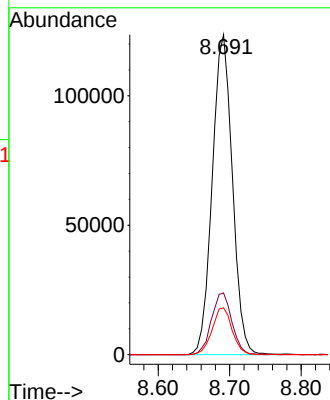
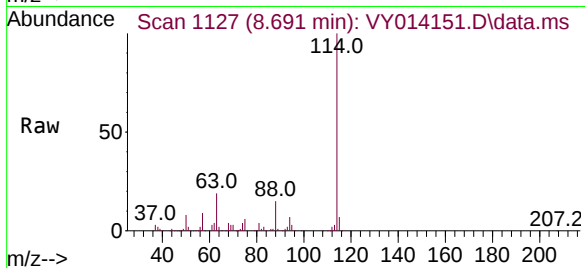




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014151.D
 Acq: 13 Jun 2023 19:47

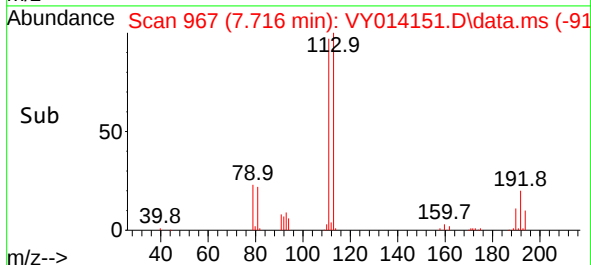
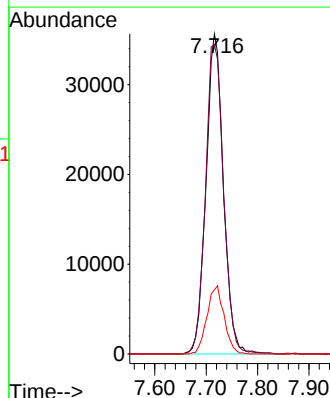
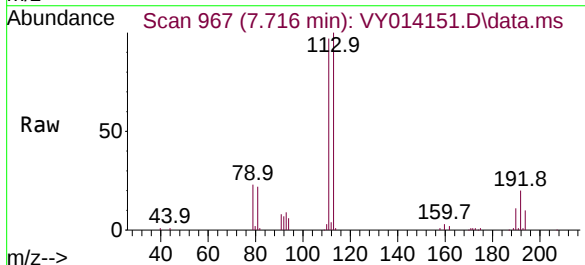
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-622-VOC-01

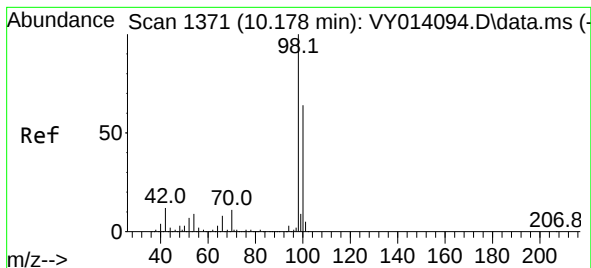
Tgt Ion:	114	Resp:	241417
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	42.4
88	14.7	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 48.862 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY014151.D
 Acq: 13 Jun 2023 19:47

Tgt Ion:	113	Resp:	83655
Ion Ratio	Lower	Upper	
113	100		
111	101.0	81.3	121.9
192	21.0	16.9	25.3

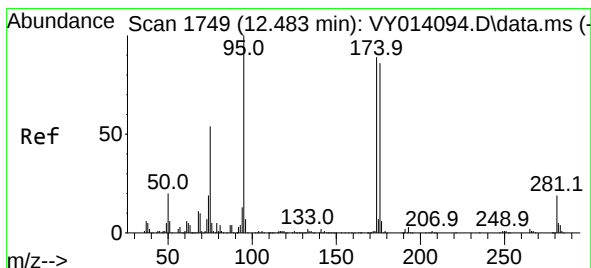
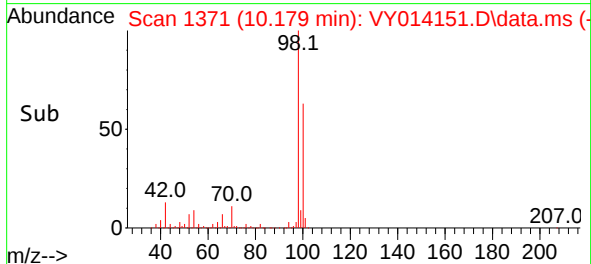
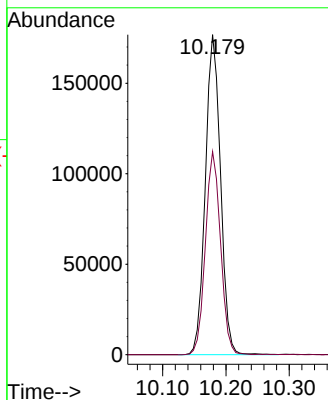
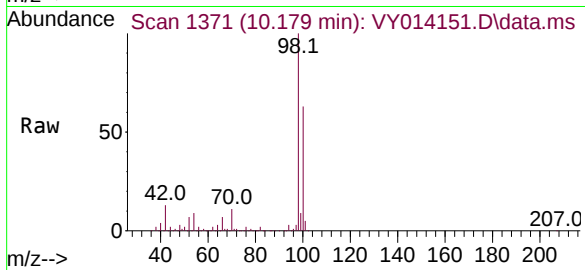




#50
Toluene-d8
Concen: 46.214 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014151.D
Acq: 13 Jun 2023 19:47

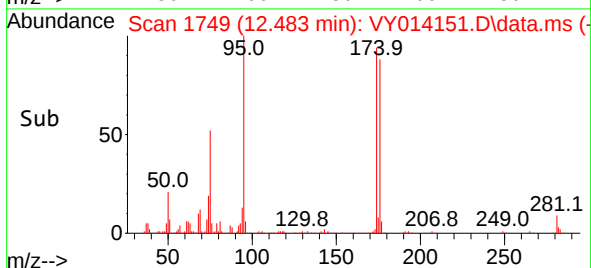
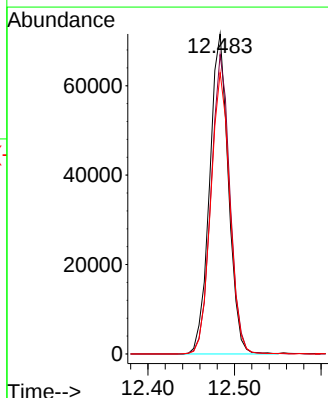
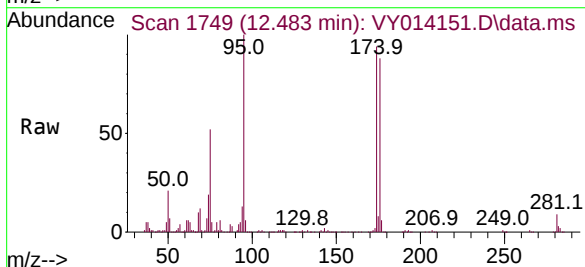
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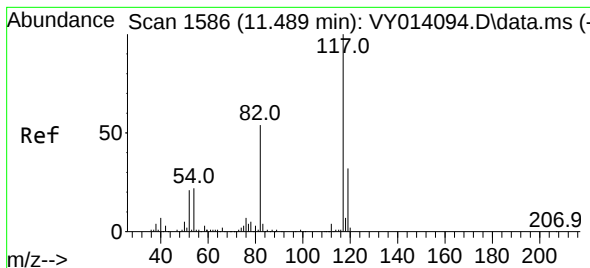
Tgt Ion: 98 Resp: 295807
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.515 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014151.D
Acq: 13 Jun 2023 19:47

Tgt Ion: 95 Resp: 108037
Ion Ratio Lower Upper
95 100
174 93.5 0.0 178.2
176 89.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014151.D

Acq: 13 Jun 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

SU-622-VOC-01

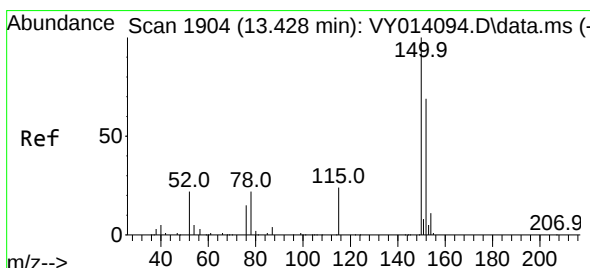
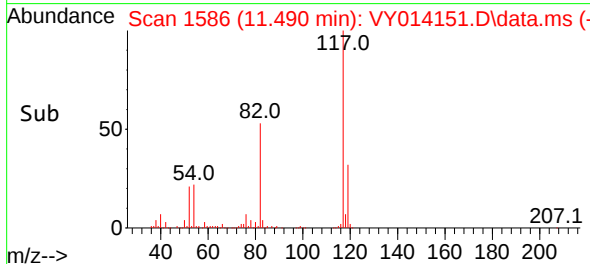
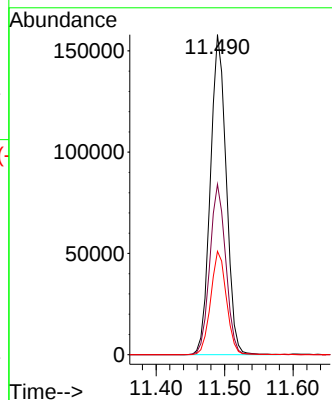
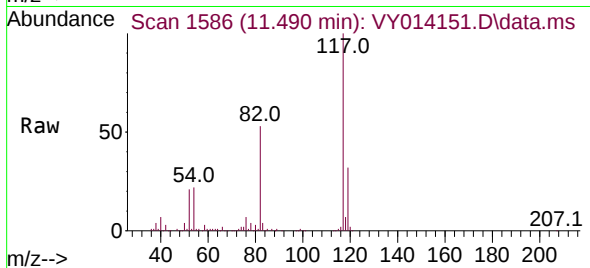
Tgt Ion:117 Resp: 253955

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 32.3 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: VY014151.D

Acq: 13 Jun 2023 19:47

Tgt Ion:152 Resp: 120017

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 160.2 0.0 348.8

