

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014195.D
 Acq On : 15 Jun 2023 17:26
 Operator : KP/MD
 Sample : 03223-23
 Misc : 10.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-03-GRAB-6

Quant Time: Jun 16 02:11:05 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)

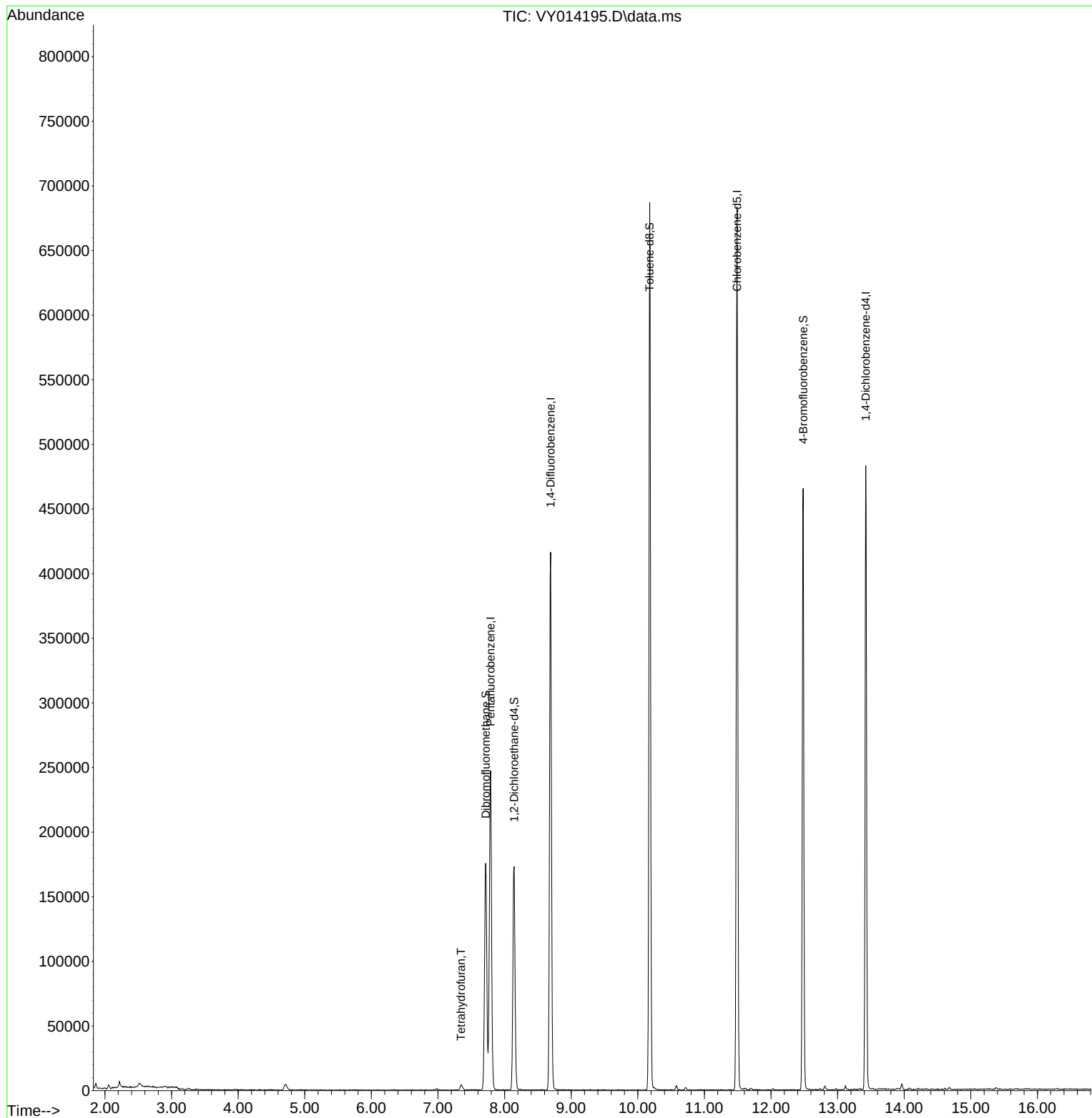
Internal Standards						
1) Pentafluorobenzene	7.789	168	193348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	348106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	143766	53.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.800%
35) Dibromofluoromethane	7.716	113	117908	48.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.420%
50) Toluene-d8	10.179	98	432989	47.360	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.483	95	129383	39.838	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.680%
Target Compounds						
29) Tetrahydrofuran	7.344	42	2968	4.685	ug/l	95

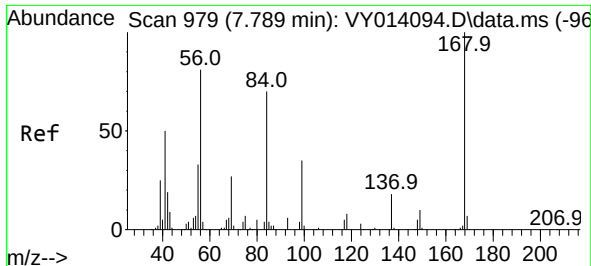
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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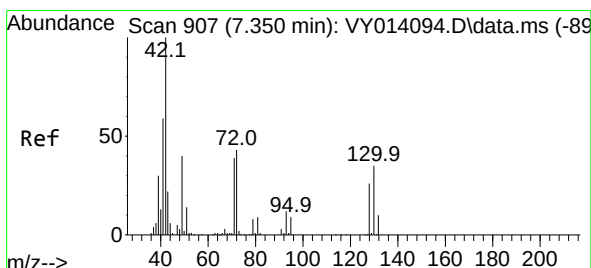
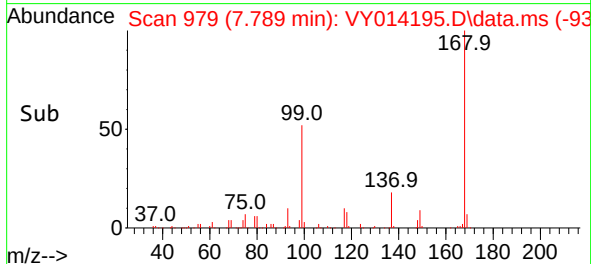
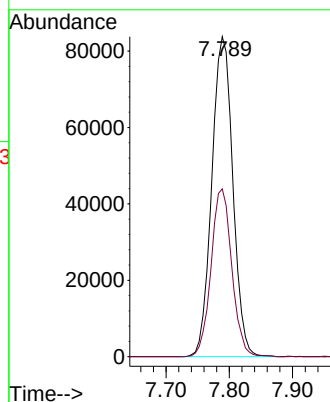
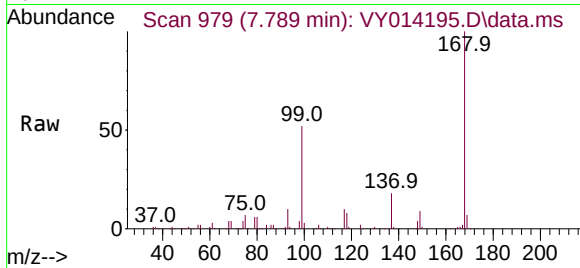




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014195.D
Acq: 15 Jun 2023 17:26

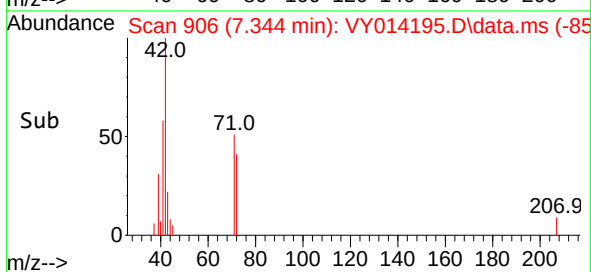
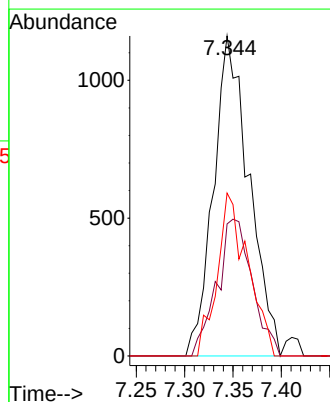
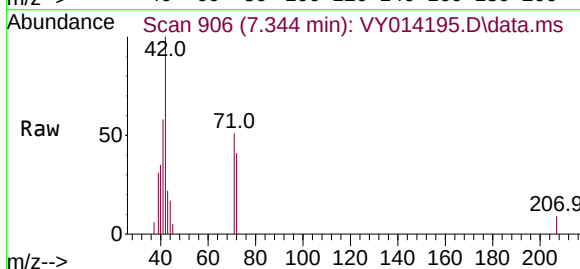
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-03-GRAB-6

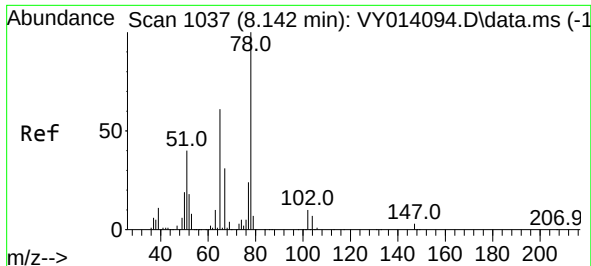
Tgt Ion:168 Resp: 193348
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#29
Tetrahydrofuran
Concen: 4.685 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY014195.D
Acq: 15 Jun 2023 17:26

Tgt Ion: 42 Resp: 2968
Ion Ratio Lower Upper
42 100
72 42.4 32.8 49.2
71 43.8 31.0 46.4

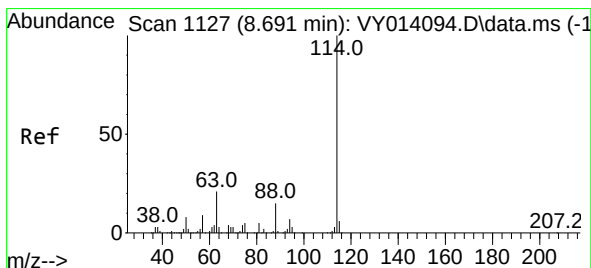
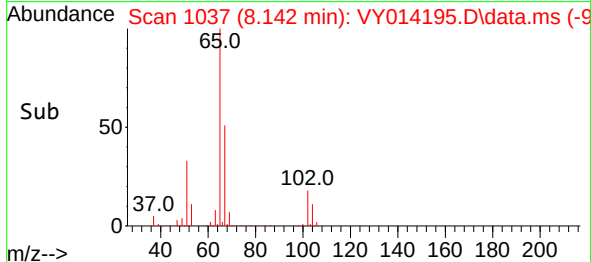
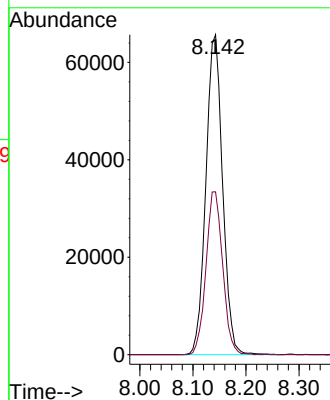
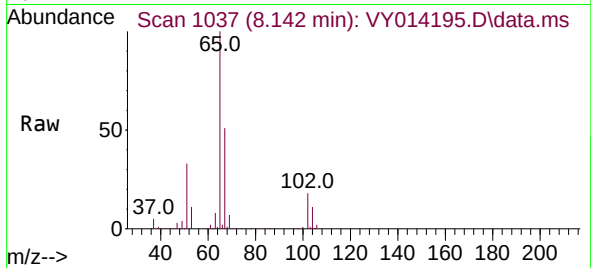




#33
 1,2-Dichloroethane-d4
 Concen: 53.397 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014195.D
 Acq: 15 Jun 2023 17:26

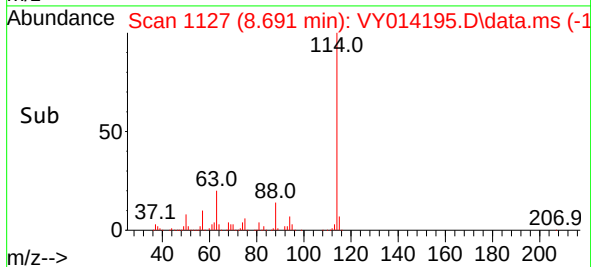
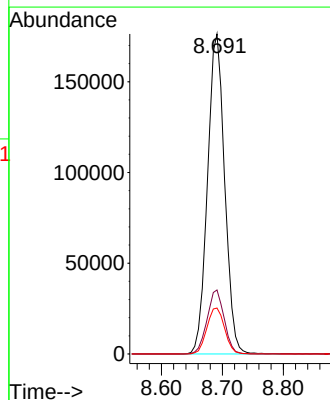
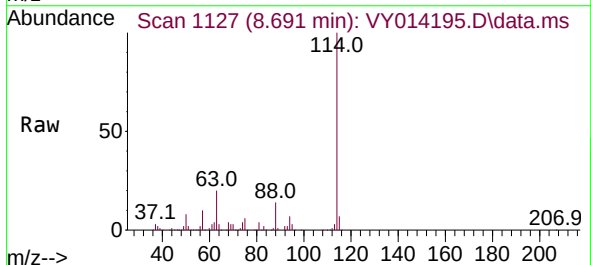
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 ClientSampleId :
 TOTAL-VOC-SB-03-GRAB-6

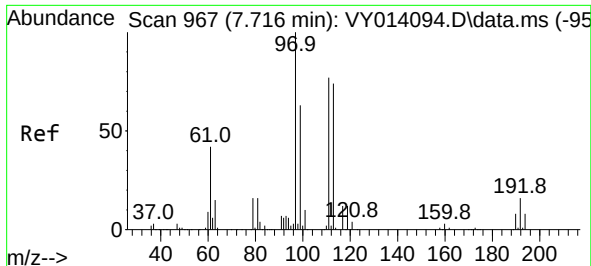
Tgt Ion: 65 Resp: 143766
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014195.D
 Acq: 15 Jun 2023 17:26

Tgt Ion: 114 Resp: 344831
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 14.4 0.0 30.6

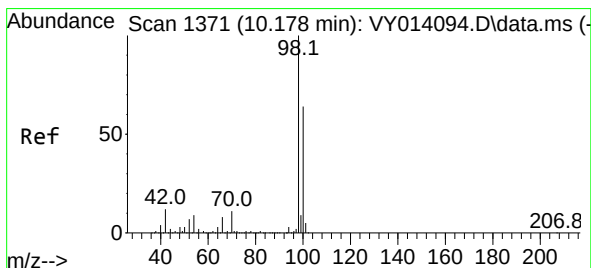
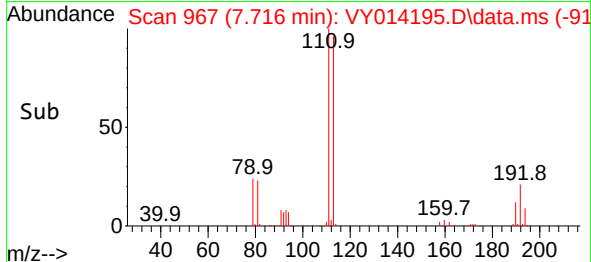
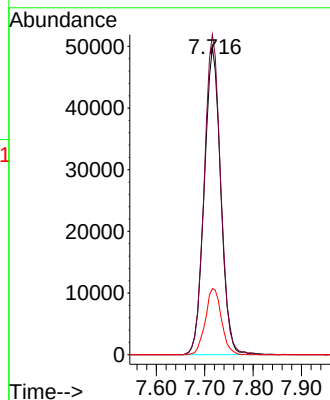
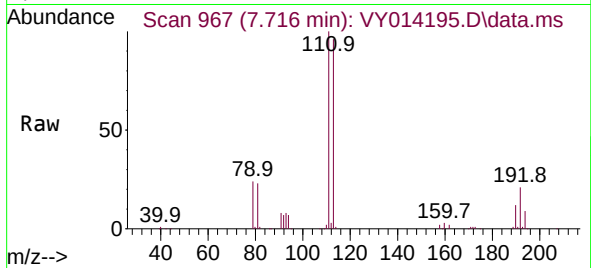




#35
Dibromofluoromethane
Concen: 48.215 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014195.D
Acq: 15 Jun 2023 17:26

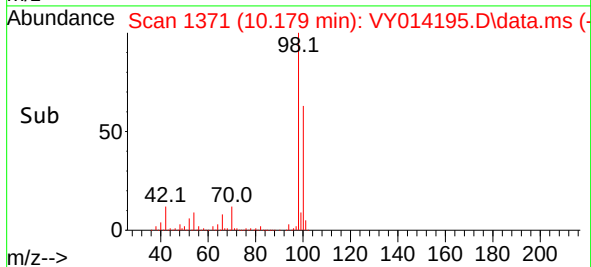
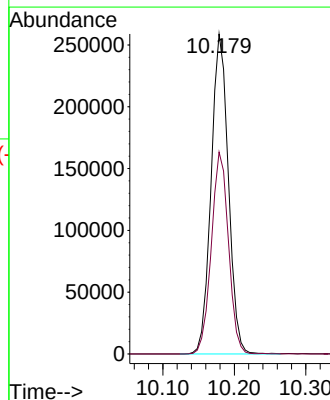
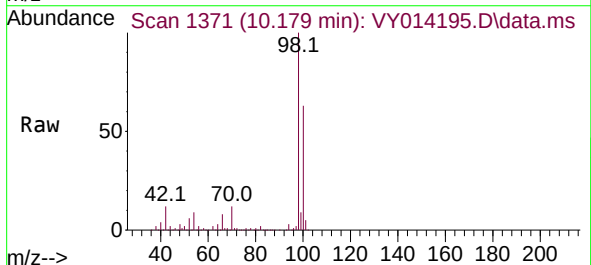
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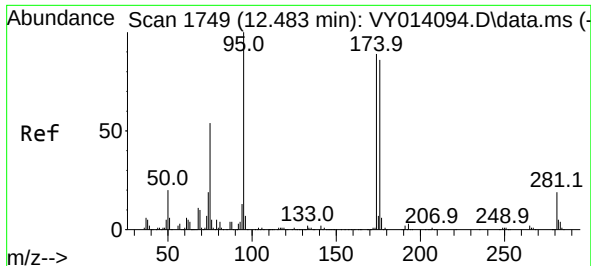
Tgt Ion:113 Resp: 117908
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 21.0 16.9 25.3



#50
Toluene-d8
Concen: 47.360 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014195.D
Acq: 15 Jun 2023 17:26

Tgt Ion: 98 Resp: 432989
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

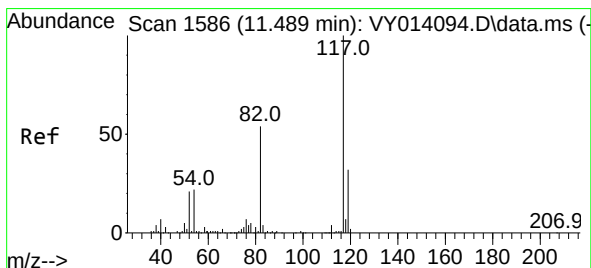
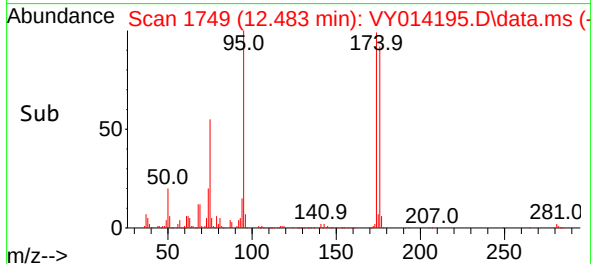
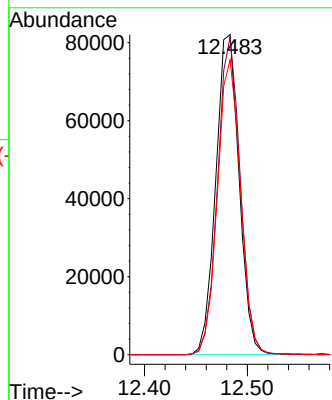
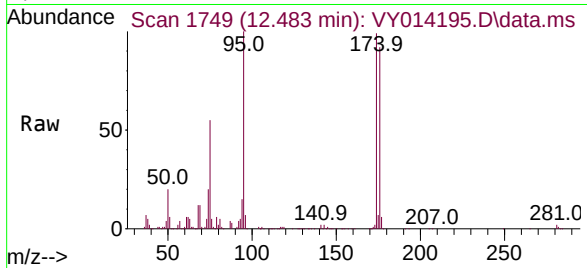




#62
4-Bromofluorobenzene
Concen: 39.838 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014195.D
Acq: 15 Jun 2023 17:26

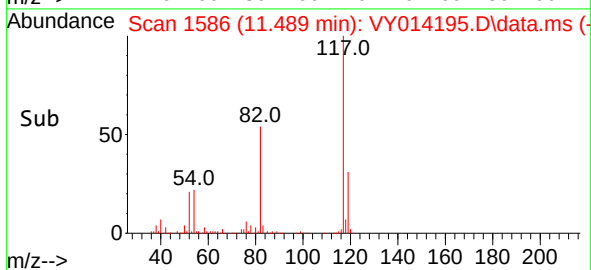
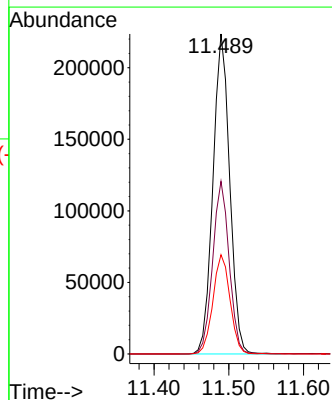
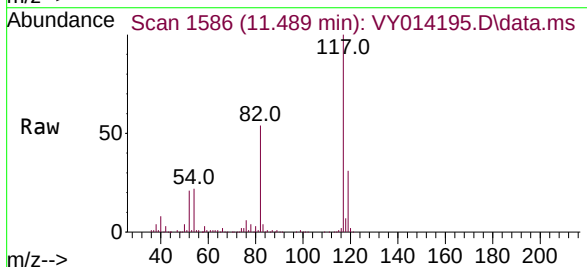
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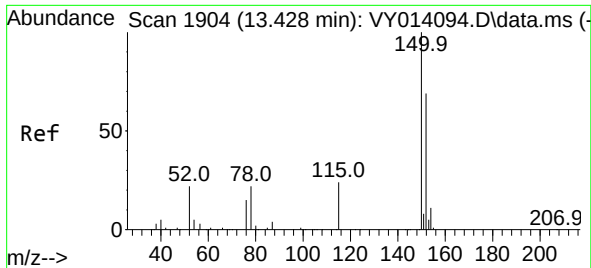
Tgt Ion: 95 Resp: 129383
Ion Ratio Lower Upper
95 100
174 96.2 0.0 178.2
176 91.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014195.D
Acq: 15 Jun 2023 17:26

Tgt Ion: 117 Resp: 348106
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014195.D

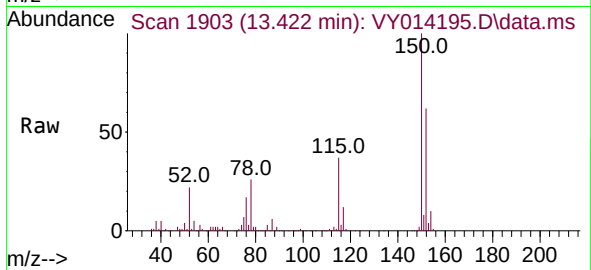
Acq: 15 Jun 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-03-GRAB-6



Tgt Ion:152 Resp: 124059

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 156.2 0.0 348.8

