

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014362.D
 Acq On : 22 Jun 2023 05:21
 Operator : KP/MD
 Sample : 03330-11
 Misc : 4.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-MC01-GRAB-6

Quant Time: Jun 22 07:30:49 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)

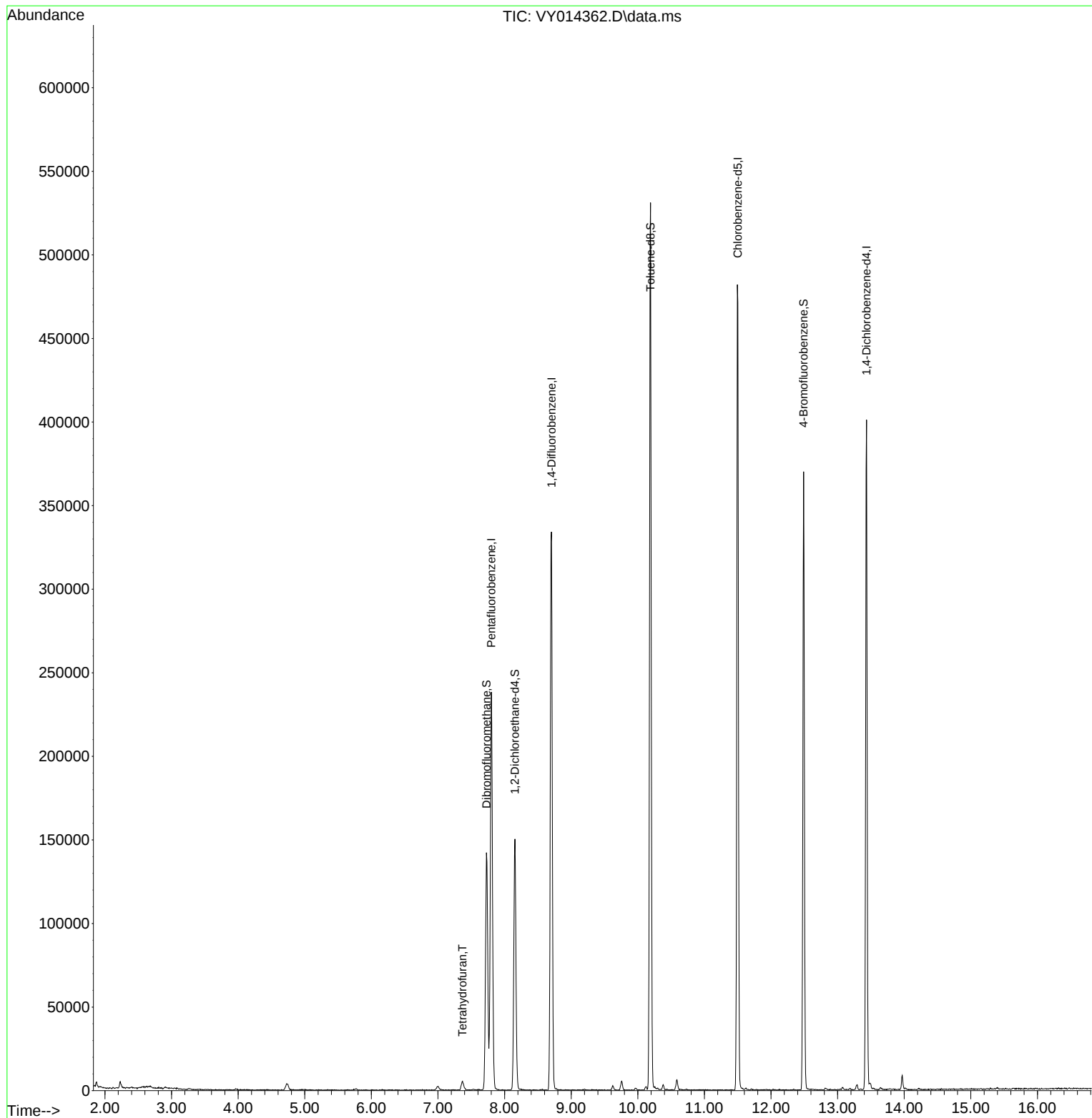
Internal Standards						
1) Pentafluorobenzene	7.801	168	185574	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	289926	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.501	117	262612	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	103330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	127539	49.354	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.700%
35) Dibromofluoromethane	7.728	113	95167	46.285	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.580%
50) Toluene-d8	10.191	98	347619	45.222	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.440%
62) 4-Bromofluorobenzene	12.489	95	98995	36.254	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.500%
Target Compounds						
29) Tetrahydrofuran	7.368	42	4060	6.677	ug/l	94

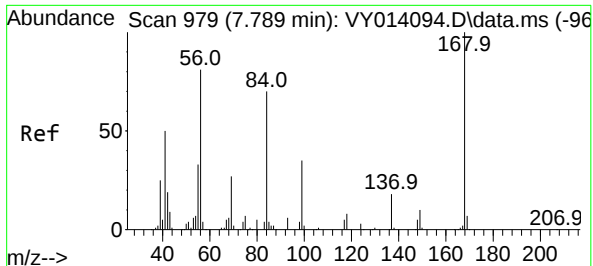
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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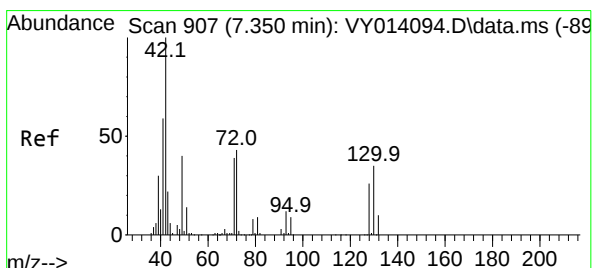
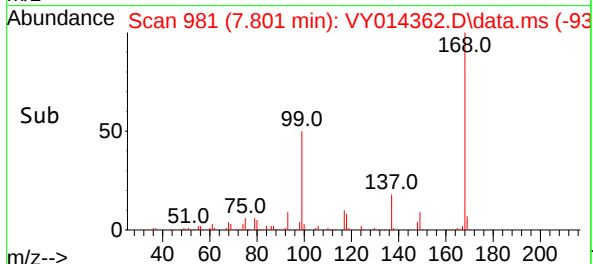
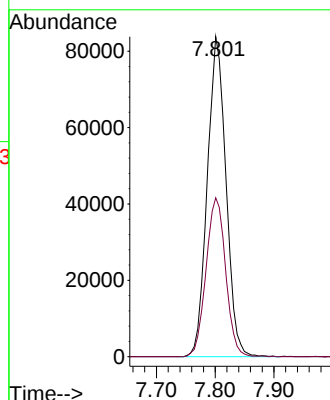
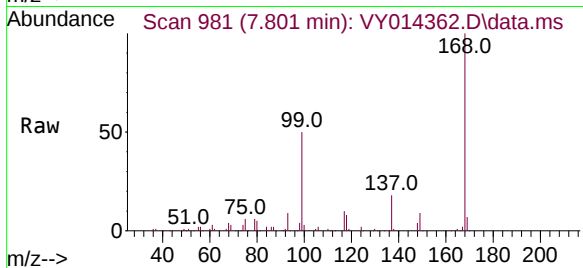




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY014362.D
Acq: 22 Jun 2023 05:21

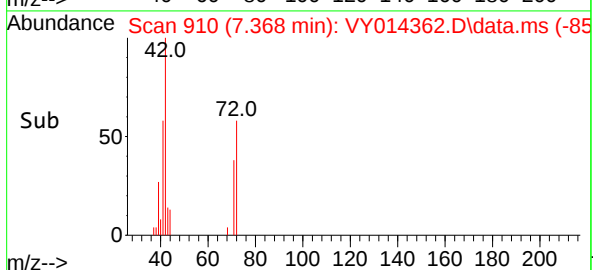
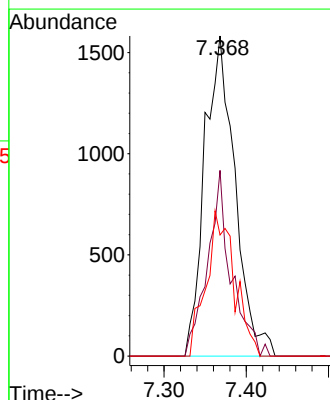
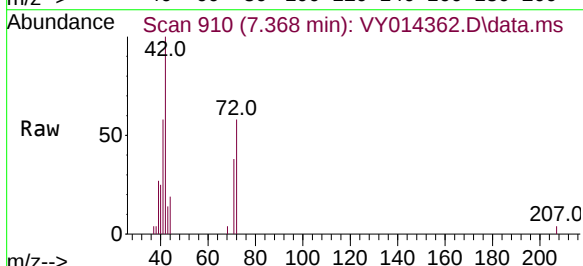
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC01-GRAB-6

Tgt Ion:168 Resp: 185574
Ion Ratio Lower Upper
168 100
99 49.7 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.677 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY014362.D
Acq: 22 Jun 2023 05:21

Tgt Ion: 42 Resp: 4060
Ion Ratio Lower Upper
42 100
72 45.3 32.8 49.2
71 42.2 31.0 46.4

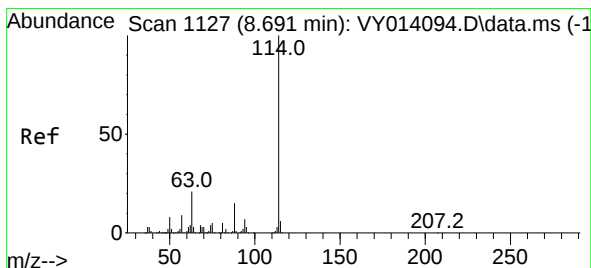
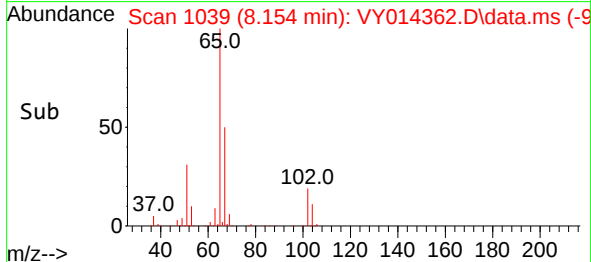
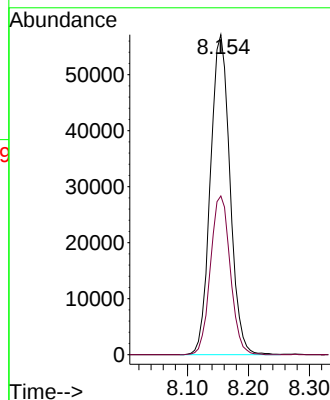
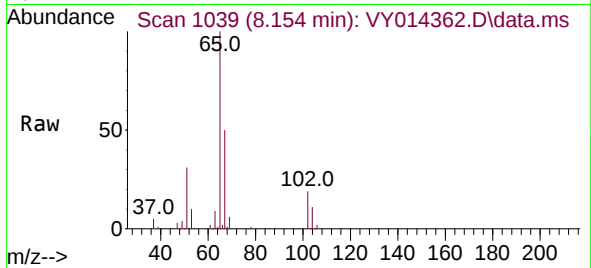




#33
1,2-Dichloroethane-d4
Concen: 49.354 ug/l
RT: 8.154 min Scan# 110
Delta R.T. 0.012 min
Lab File: VY014362.D
Acq: 22 Jun 2023 05:21

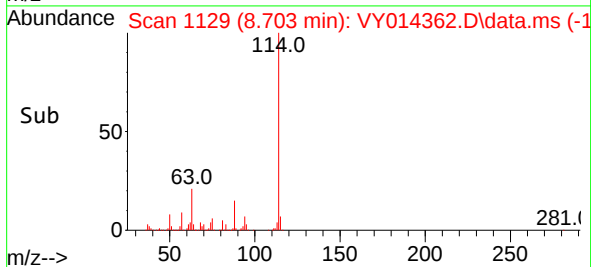
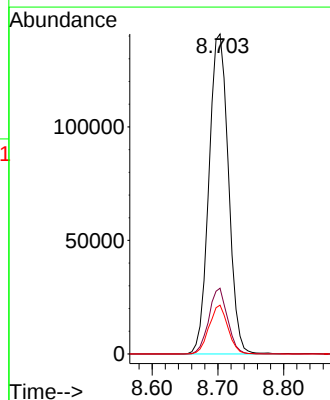
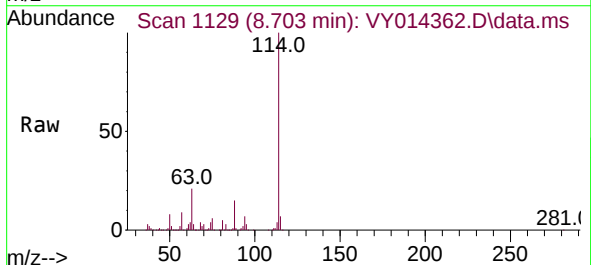
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC01-GRAB-6

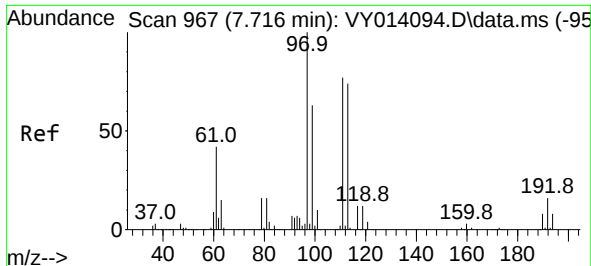
Tgt Ion: 65 Resp: 127539
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VY014362.D
Acq: 22 Jun 2023 05:21

Tgt Ion:114 Resp: 289926
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 15.3 0.0 30.6

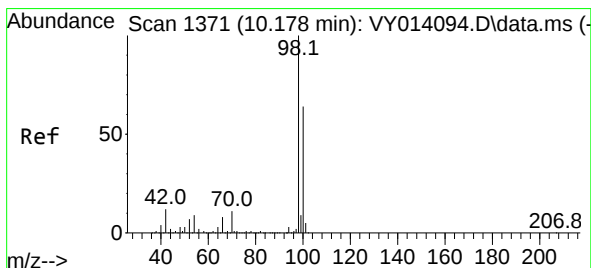
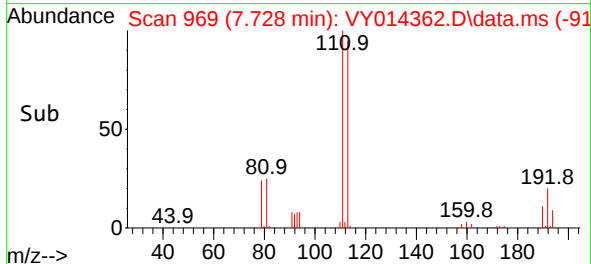
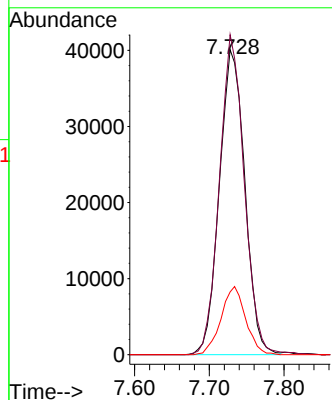
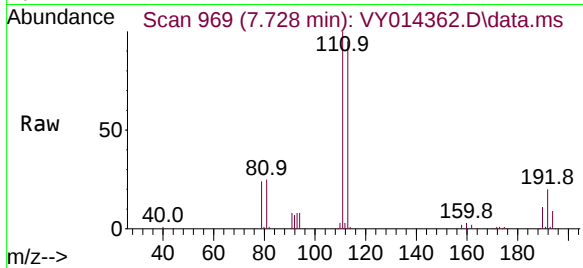




#35
Dibromofluoromethane
Concen: 46.285 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014362.D
Acq: 22 Jun 2023 05:21

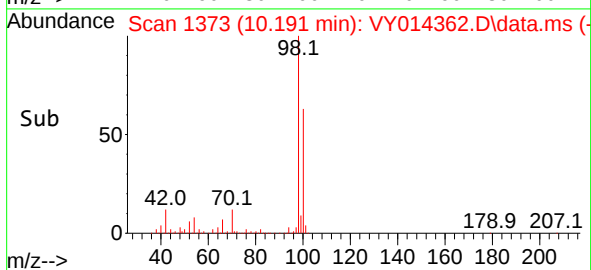
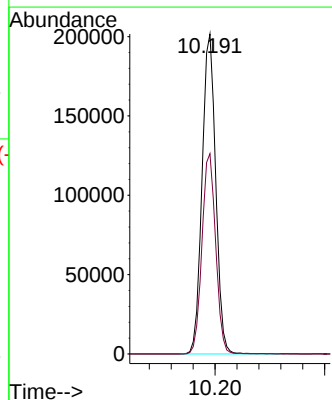
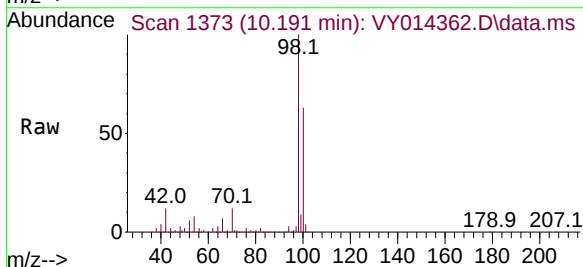
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC01-GRAB-6

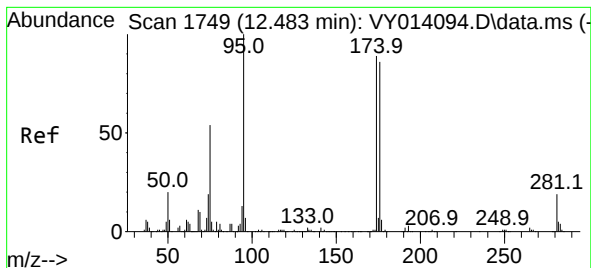
Tgt Ion:113 Resp: 95167
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 21.7 16.9 25.3



#50
Toluene-d8
Concen: 45.222 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.013 min
Lab File: VY014362.D
Acq: 22 Jun 2023 05:21

Tgt Ion: 98 Resp: 347619
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1

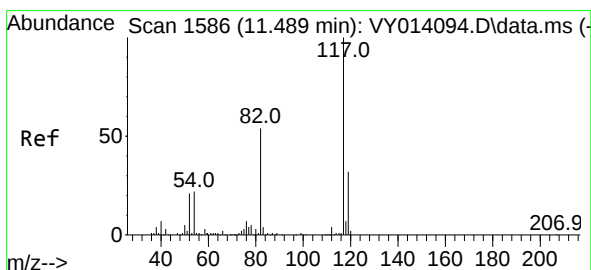
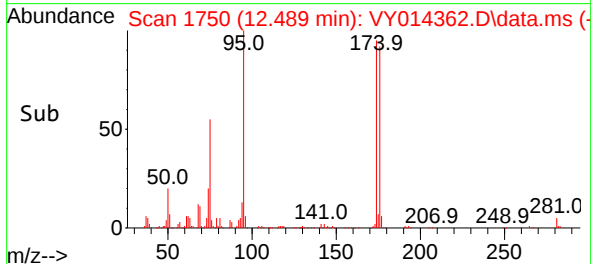
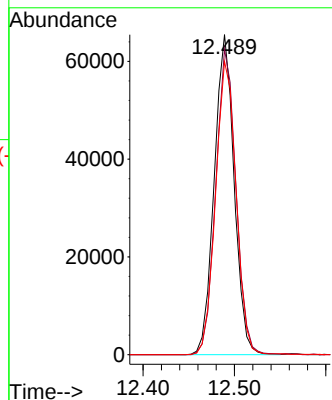
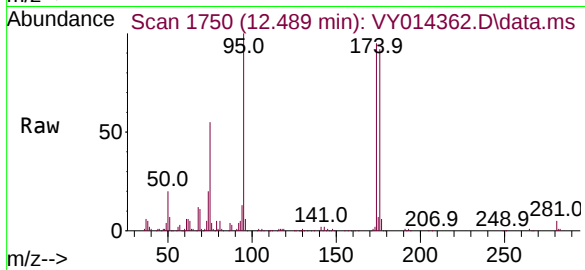




#62
4-Bromofluorobenzene
Concen: 36.254 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014362.D
Acq: 22 Jun 2023 05:21

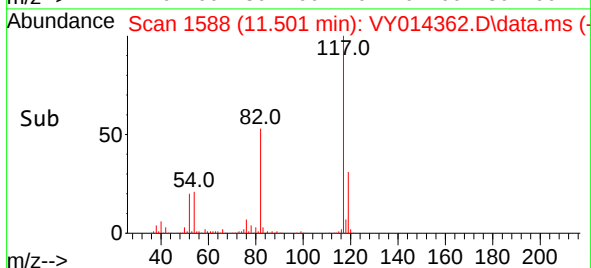
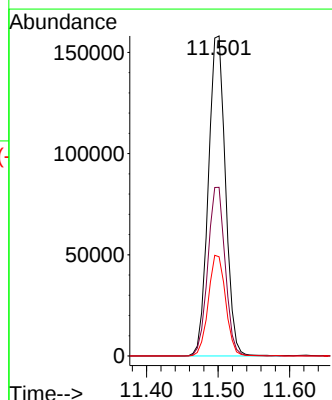
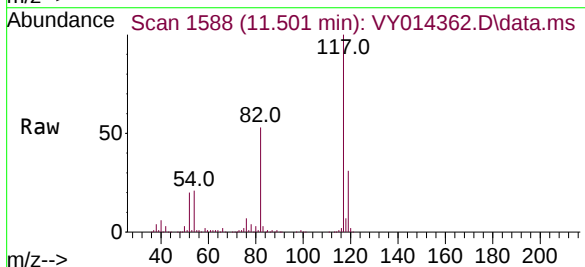
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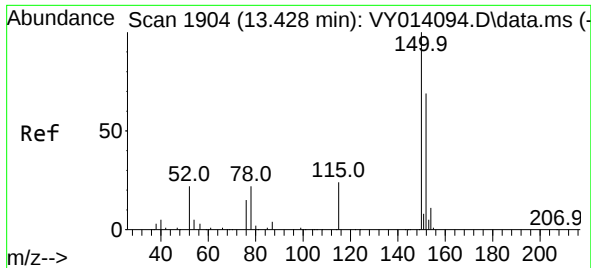
Tgt Ion:	95	Resp:	98995
Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	178.2
176	94.6	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY014362.D
Acq: 22 Jun 2023 05:21

Tgt Ion:	117	Resp:	262612
Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.4	65.0
119	31.0	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: VY014362.D

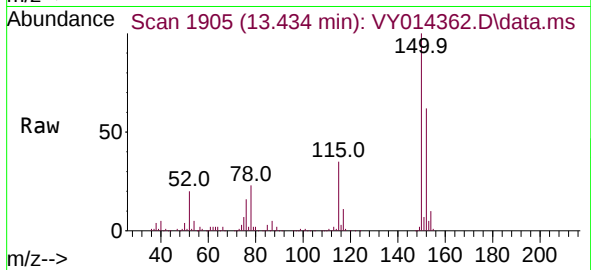
Acq: 22 Jun 2023 05:21

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-MC01-GRAB-6



Tgt Ion:152 Resp: 103330

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 159.6 0.0 348.8

