

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014366.D
 Acq On : 22 Jun 2023 06:54
 Operator : KP/MD
 Sample : 03362-05
 Misc : 13.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-32-37-SB-37-GRAB-5

Quant Time: Jun 22 07:31:28 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)

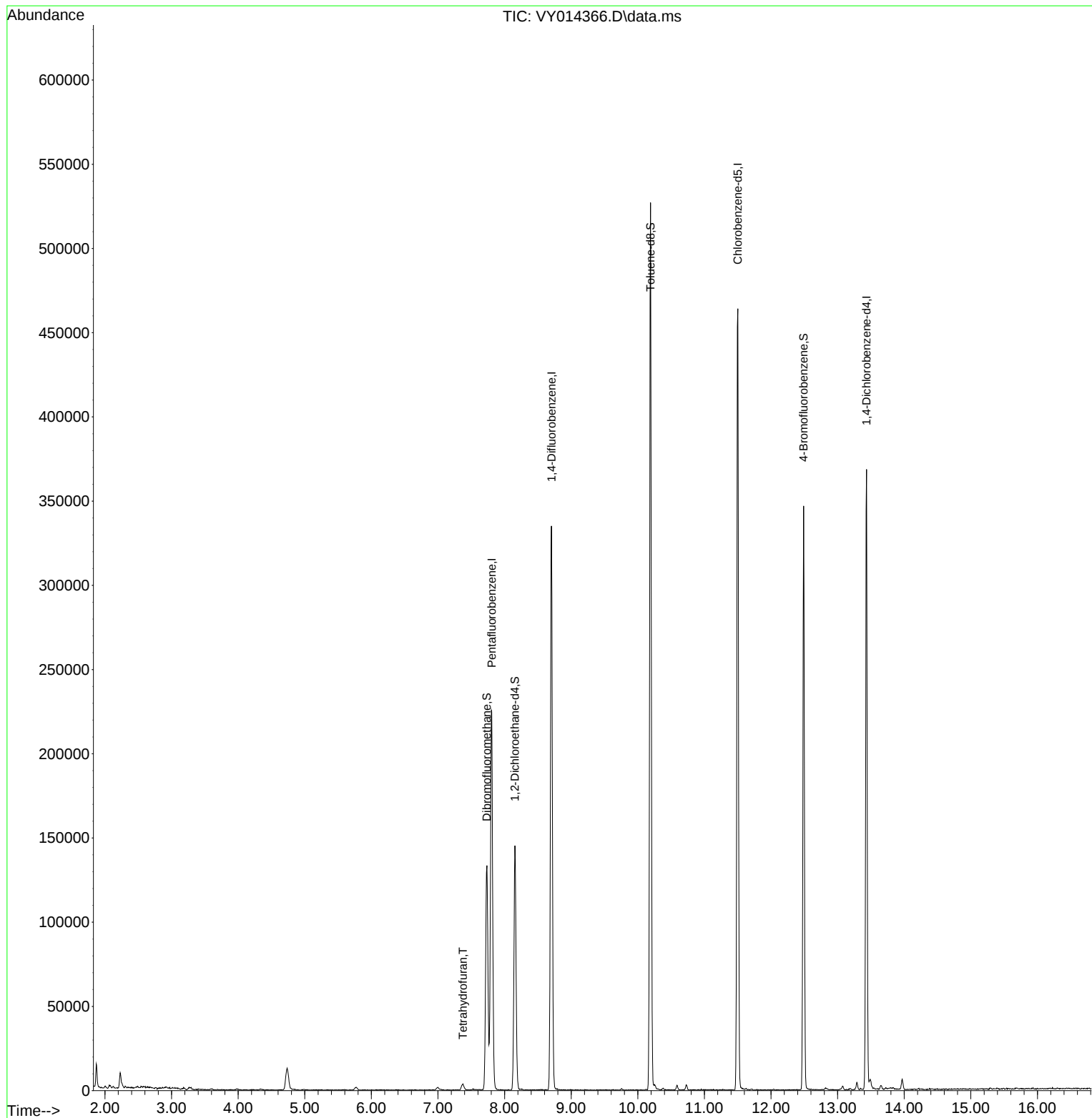
Internal Standards						
1) Pentafluorobenzene	7.807	168	177004	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	279875	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	253601	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	95683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	121586	49.329	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.660%
35) Dibromofluoromethane	7.734	113	93084	46.898	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.800%
50) Toluene-d8	10.191	98	338575	45.628	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.260%
62) 4-Bromofluorobenzene	12.489	95	94210	35.740	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.480%
Target Compounds						
29) Tetrahydrofuran	7.374	42	3028	5.221	ug/l	Qvalue # 80

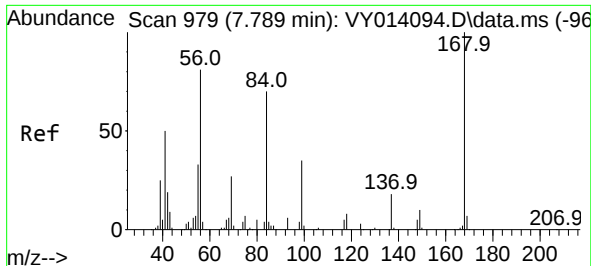
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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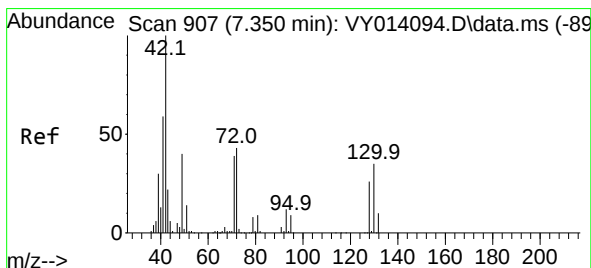
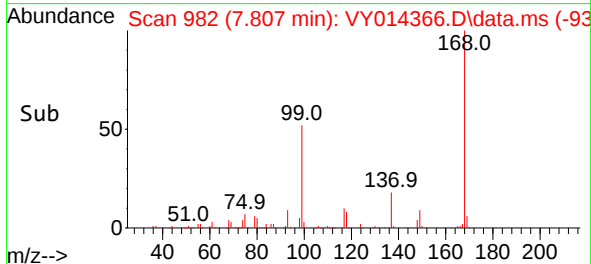
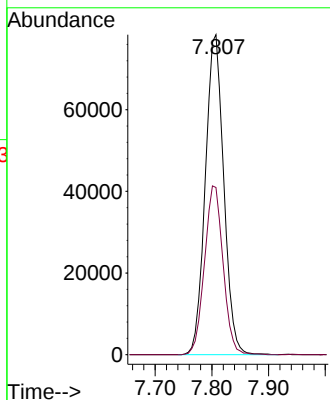
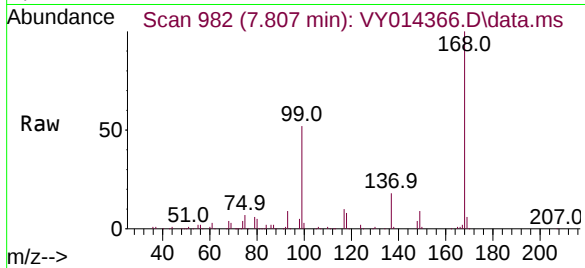




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

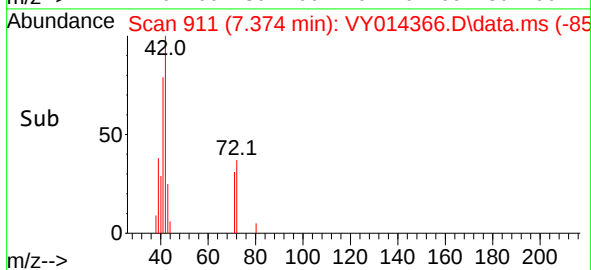
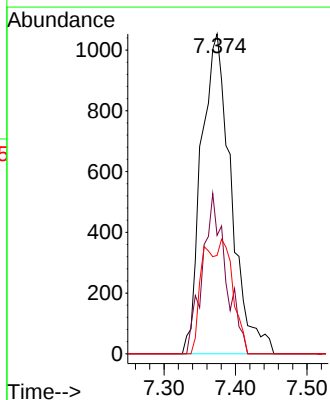
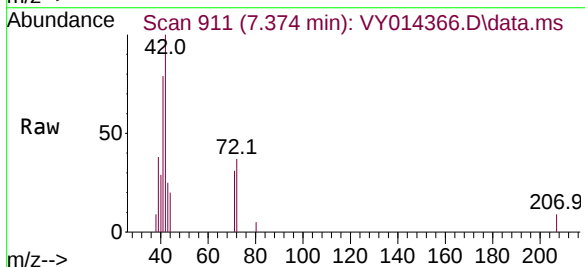
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-32-37-SB-37-GRAB-5

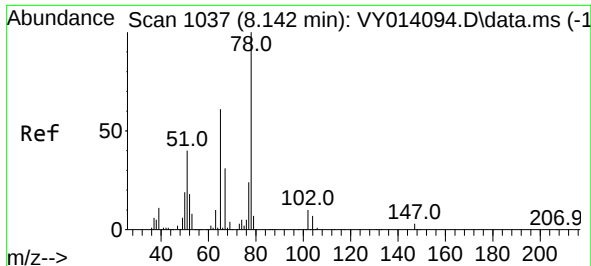
Tgt Ion:168 Resp: 177004
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#29
Tetrahydrofuran
Concen: 5.221 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.024 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

Tgt Ion: 42 Resp: 3028
Ion Ratio Lower Upper
42 100
72 39.5 32.8 49.2
71 15.7 31.0 46.4#





#33

1,2-Dichloroethane-d4

Concen: 49.329 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.013 min

Lab File: VY014366.D

Acq: 22 Jun 2023 06:54

Instrument :

MSVOA_Y

ClientSampleId :

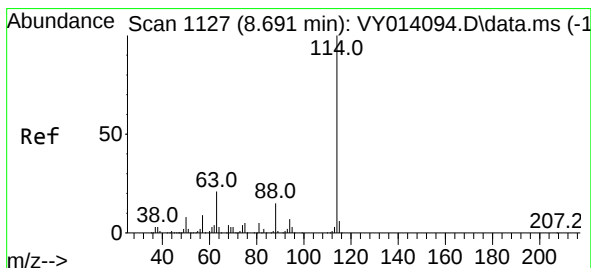
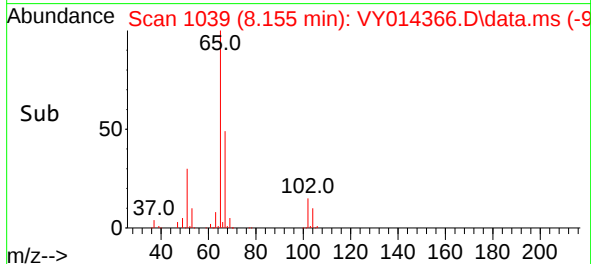
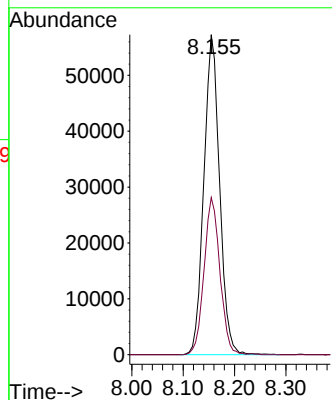
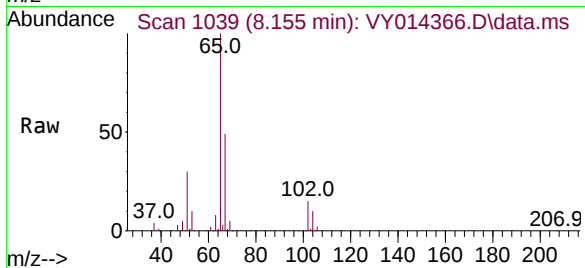
TOTAL-VOC-SB-32-37-SB-37-GRAB-5

Tgt Ion: 65 Resp: 121586

Ion Ratio Lower Upper

65 100

67 49.6 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: VY014366.D

Acq: 22 Jun 2023 06:54

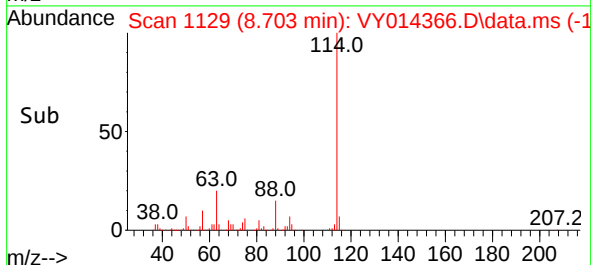
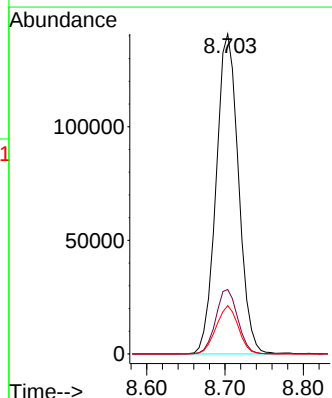
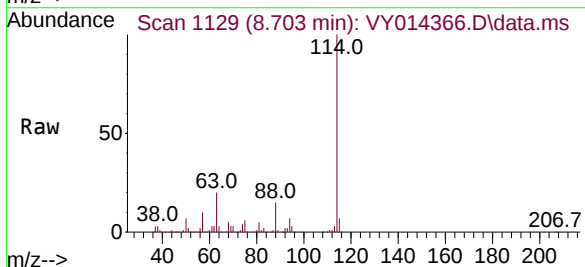
Tgt Ion: 114 Resp: 279875

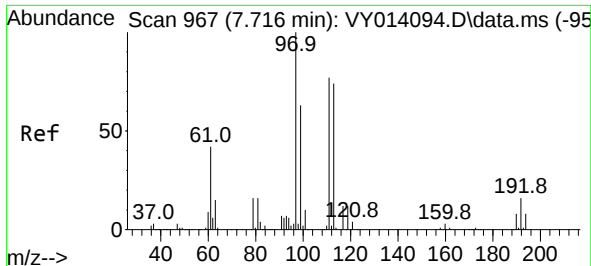
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.1 0.0 30.6

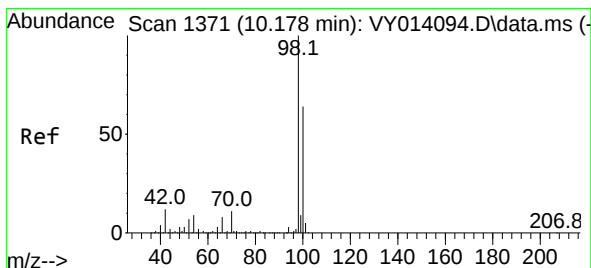
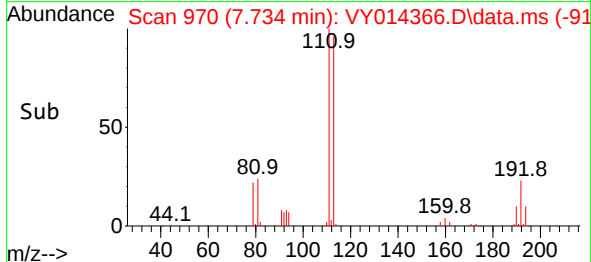
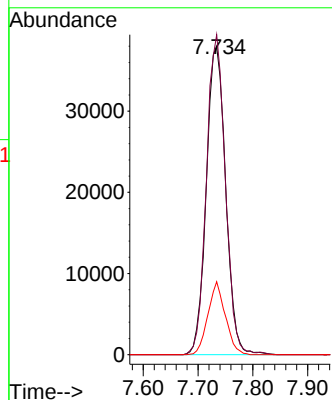
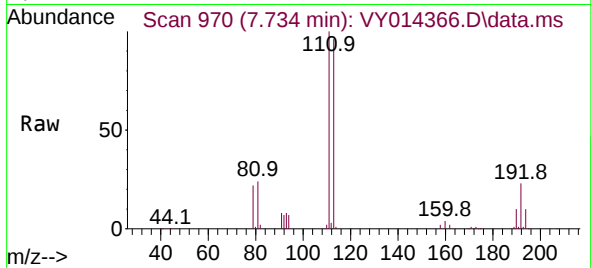




#35
Dibromofluoromethane
Concen: 46.898 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

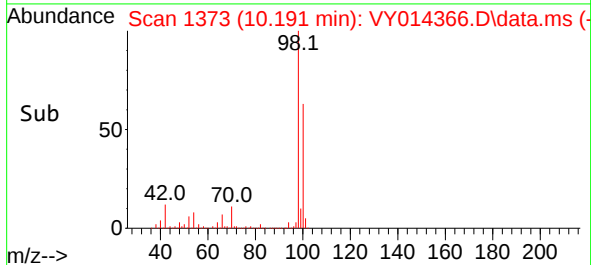
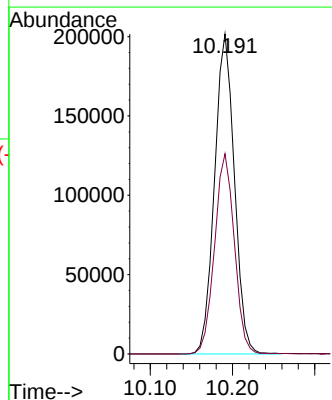
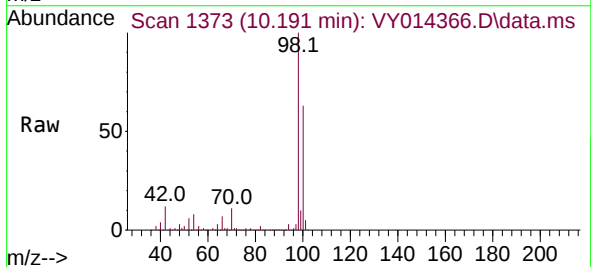
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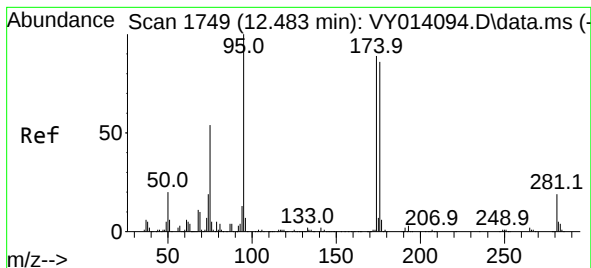
Tgt Ion:113 Resp: 93084
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 21.3 16.9 25.3



#50
Toluene-d8
Concen: 45.628 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.013 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

Tgt Ion: 98 Resp: 338575
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1

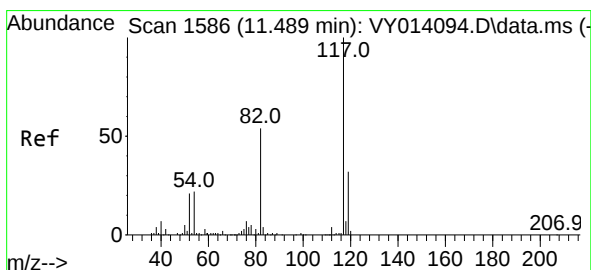
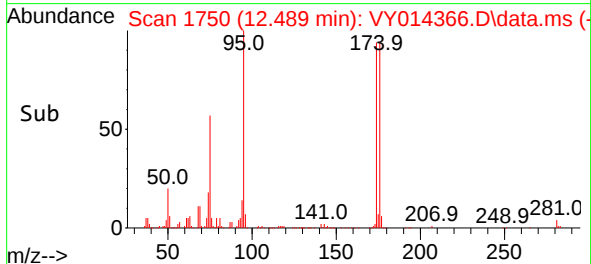
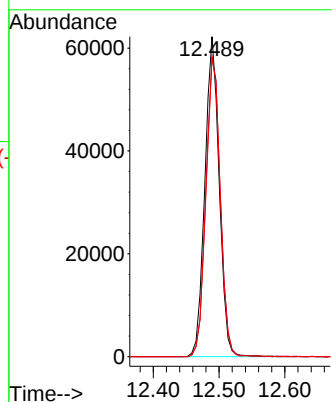
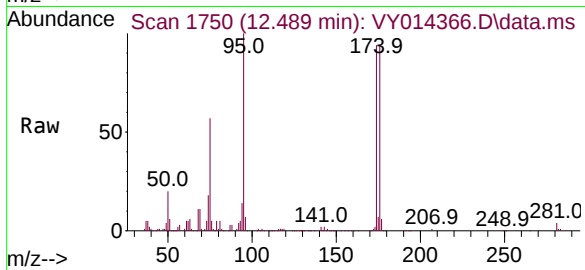




#62
4-Bromofluorobenzene
Concen: 35.740 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

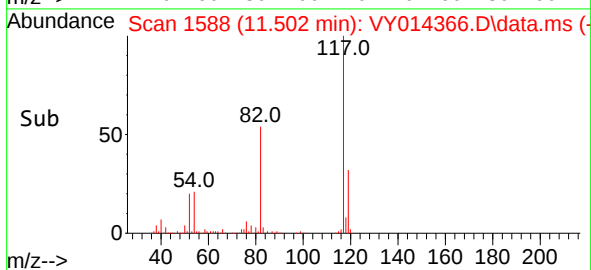
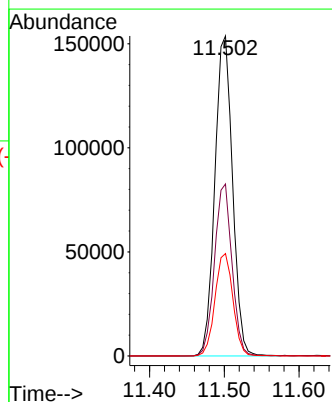
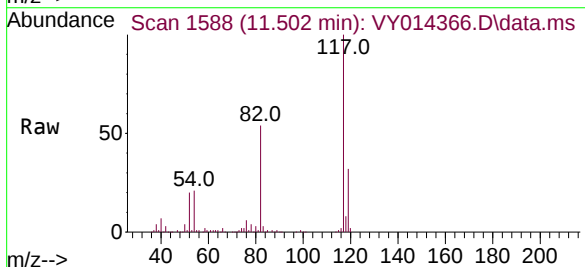
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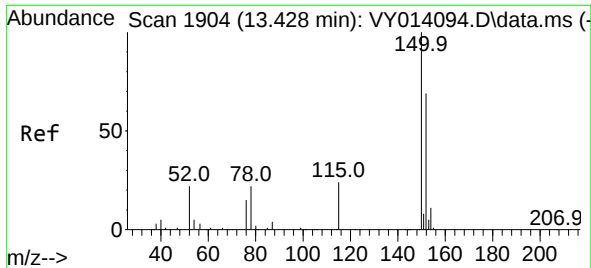
Tgt Ion: 95 Resp: 94210
Ion Ratio Lower Upper
95 100
174 94.4 0.0 178.2
176 93.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.013 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

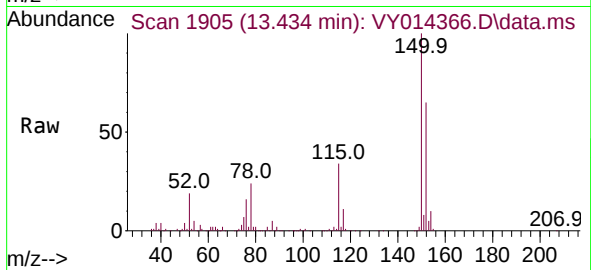
Tgt Ion: 117 Resp: 253601
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY014366.D
 Acq: 22 Jun 2023 06:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-32-37-SB-37-GRAB-5



Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.8	86.5
150	158.6	0.0	348.8

