

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014192.D
 Acq On : 15 Jun 2023 16:16
 Operator : KP/MD
 Sample : 03223-12
 Misc : 4.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-05-GRAB-7

Quant Time: Jun 16 02:10:07 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)

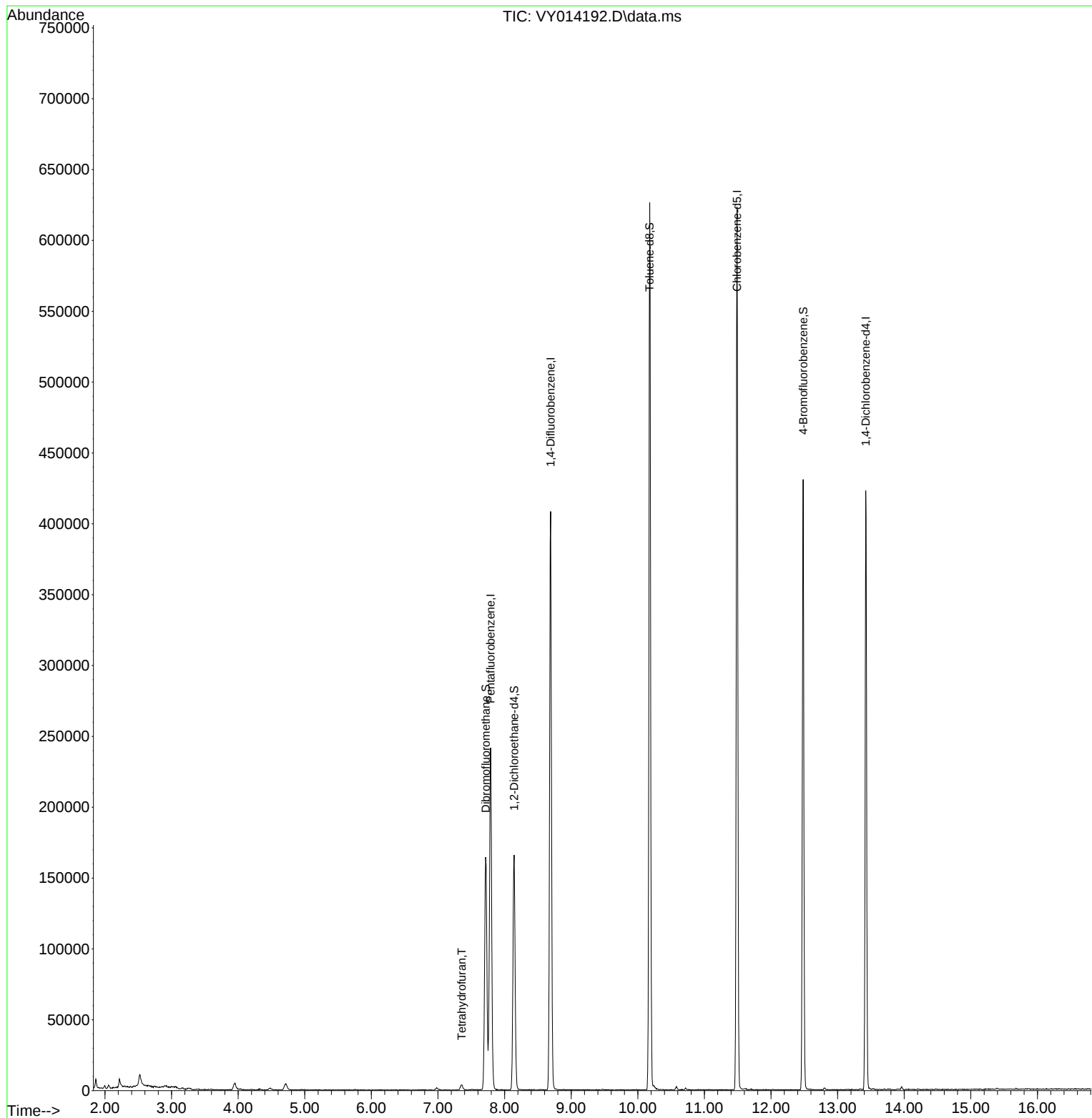
Internal Standards						
1) Pentafluorobenzene	7.789	168	184862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	135630	52.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.380%
35) Dibromofluoromethane	7.716	113	112948	47.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.240%
50) Toluene-d8	10.179	98	405622	45.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.483	95	117888	37.426	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.860%
Target Compounds						
29) Tetrahydrofuran	7.356	42	2646	4.369	ug/l	Qvalue 93

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

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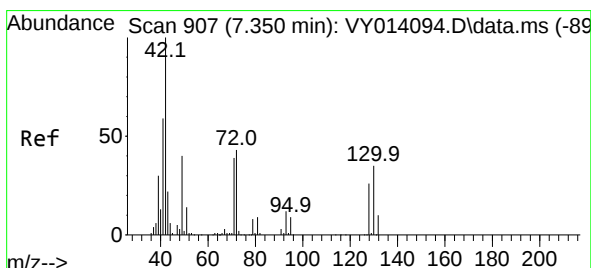
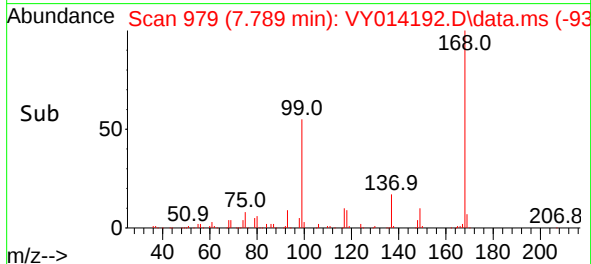
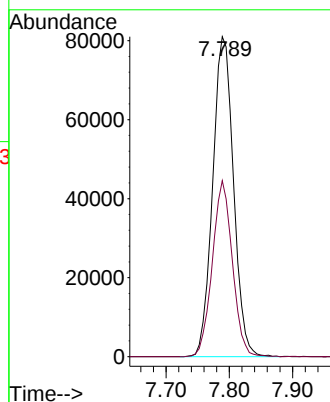
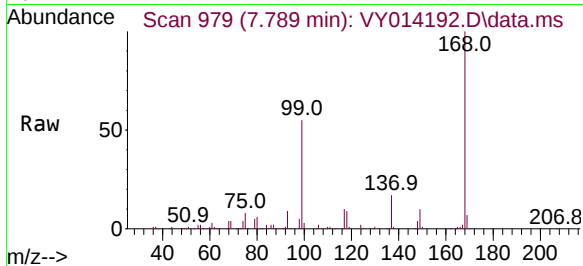




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014192.D
Acq: 15 Jun 2023 16:16

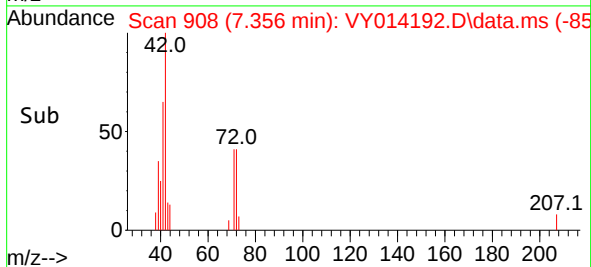
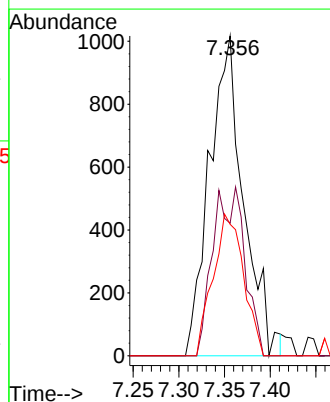
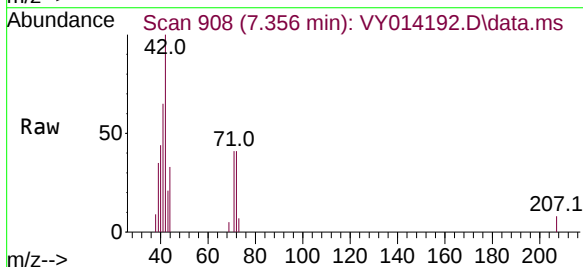
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-05-GRAB-7

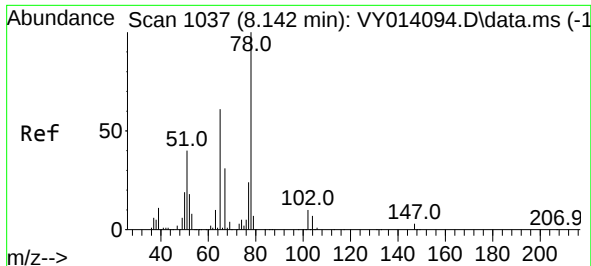
Tgt Ion:168 Resp: 184862
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#29
Tetrahydrofuran
Concen: 4.369 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY014192.D
Acq: 15 Jun 2023 16:16

Tgt Ion: 42 Resp: 2646
Ion Ratio Lower Upper
42 100
72 48.8 32.8 49.2
71 39.5 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 52.688 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014192.D

Acq: 15 Jun 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :

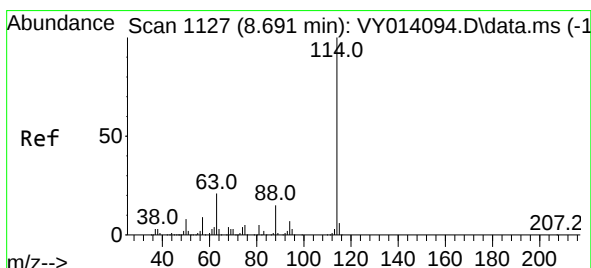
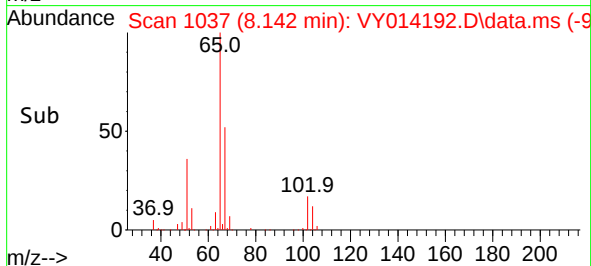
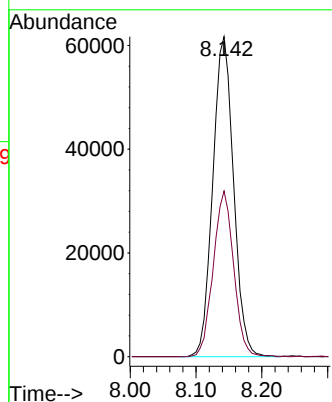
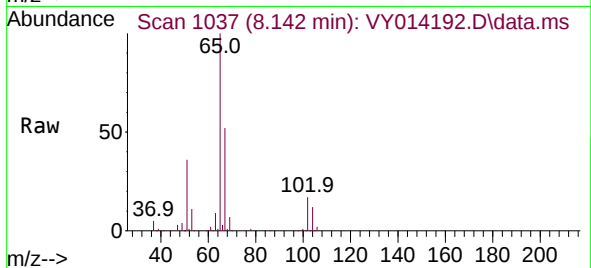
TOTAL-VOC-SB-05-GRAB-7

Tgt Ion: 65 Resp: 135630

Ion Ratio Lower Upper

65 100

67 50.9 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: VY014192.D

Acq: 15 Jun 2023 16:16

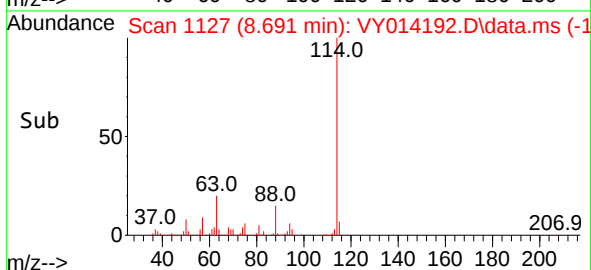
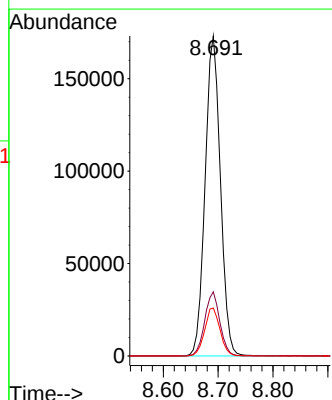
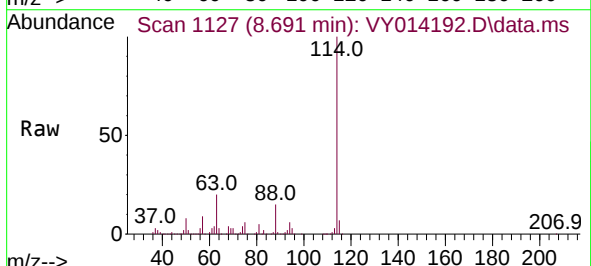
Tgt Ion: 114 Resp: 334441

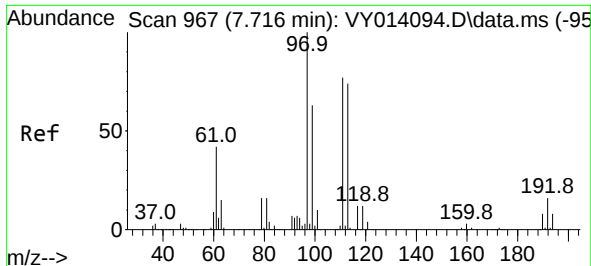
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.0 0.0 30.6

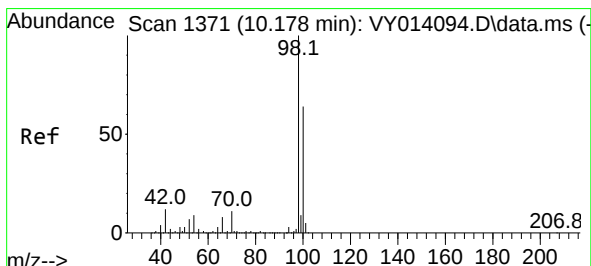
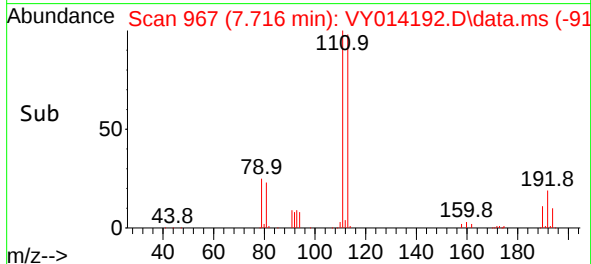
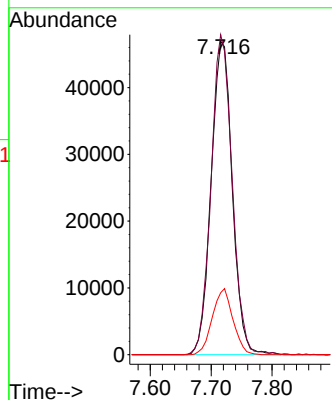
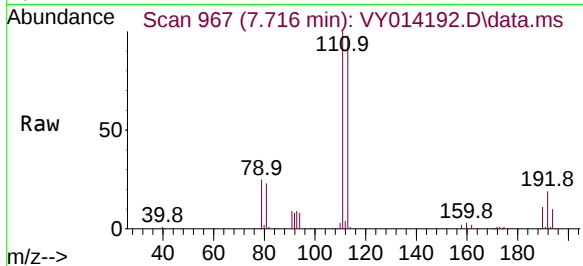




#35
Dibromofluoromethane
Concen: 47.622 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014192.D
Acq: 15 Jun 2023 16:16

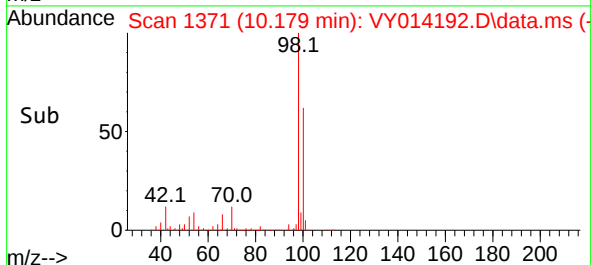
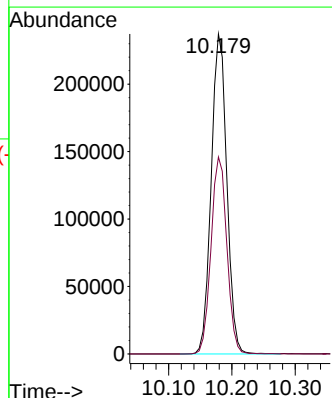
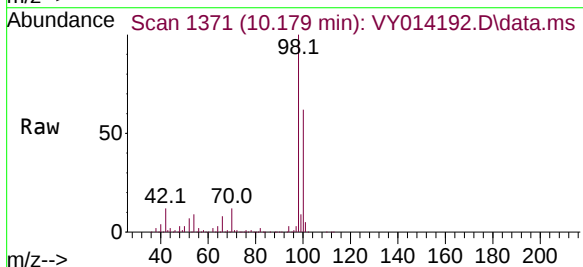
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-05-GRAB-7

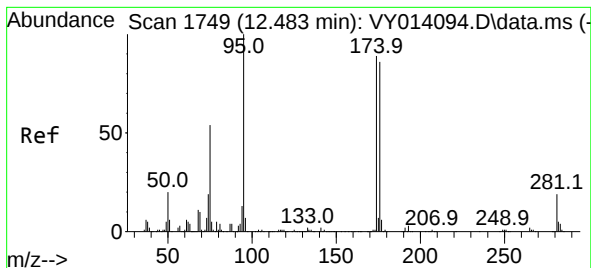
Tgt Ion:113 Resp: 112948
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 20.5 16.9 25.3



#50
Toluene-d8
Concen: 45.744 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014192.D
Acq: 15 Jun 2023 16:16

Tgt Ion: 98 Resp: 405622
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1

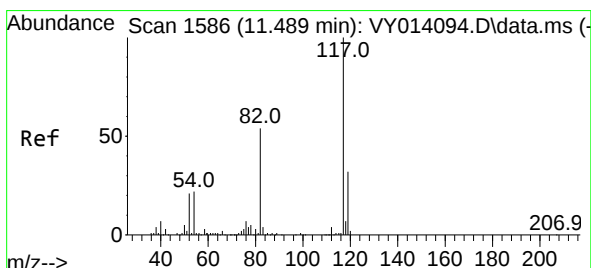
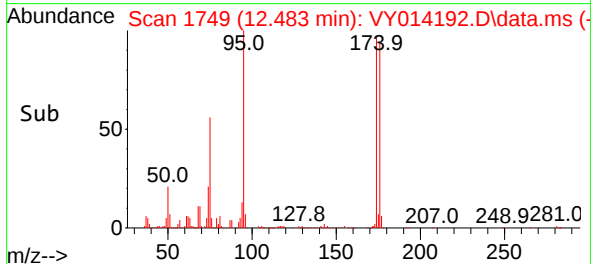
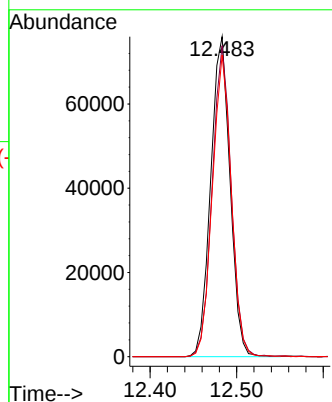
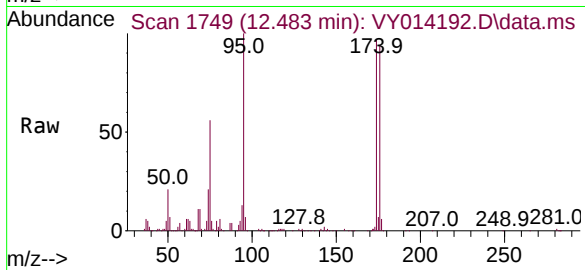




#62
4-Bromofluorobenzene
Concen: 37.426 ug/l
RT: 12.483 min Scan# 117888
Delta R.T. 0.000 min
Lab File: VY014192.D
Acq: 15 Jun 2023 16:16

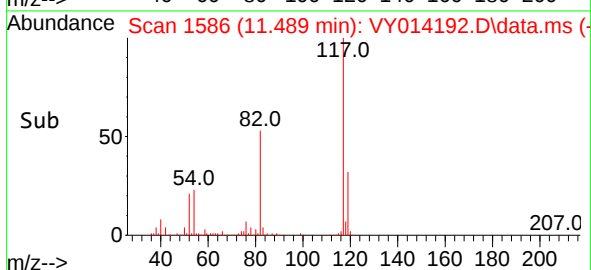
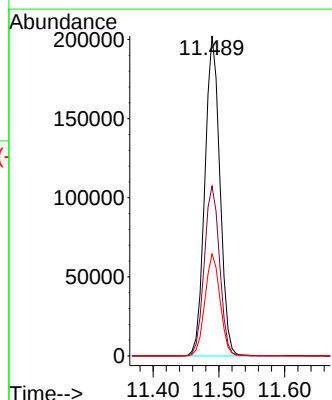
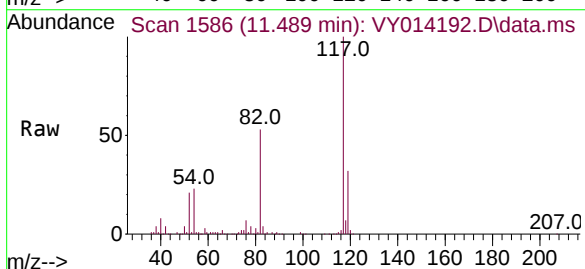
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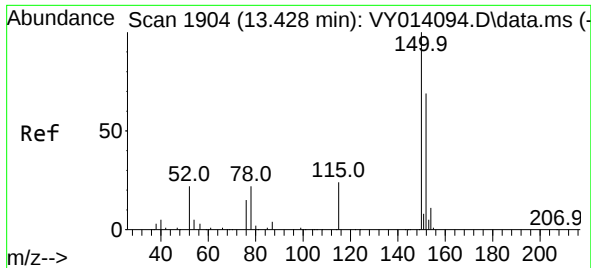
Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	178.2
176	92.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014192.D
Acq: 15 Jun 2023 16:16

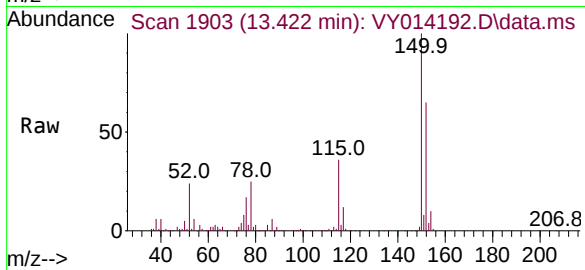
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.0
119	31.9	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014192.D
 Acq: 15 Jun 2023 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-05-GRAB-7



Tgt Ion:152 Resp: 107589
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.8 86.5
 150 157.3 0.0 348.8

