

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014247.D
 Acq On : 19 Jun 2023 22:50
 Operator : KP/MD
 Sample : 03327-05
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jun 20 05:03:55 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)

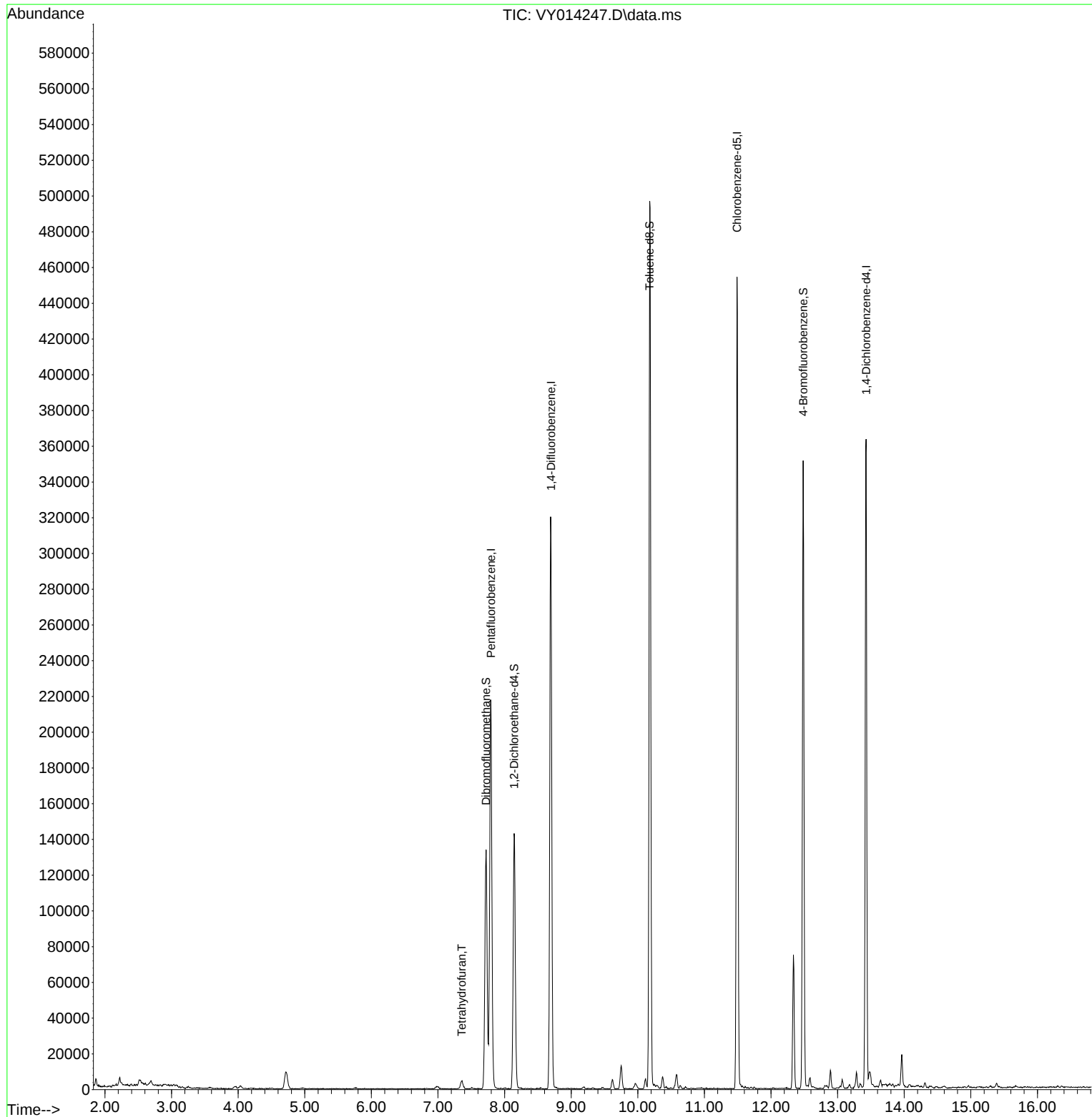
Internal Standards						
1) Pentafluorobenzene	7.795	168	170928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	271455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	118895	49.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.900%
35) Dibromofluoromethane	7.722	113	89885	46.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.380%
50) Toluene-d8	10.179	98	324259	45.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.100%
62) 4-Bromofluorobenzene	12.483	95	95109	37.201	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.400%
Target Compounds						
29) Tetrahydrofuran	7.356	42	3533	6.309	ug/l	Qvalue 98

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

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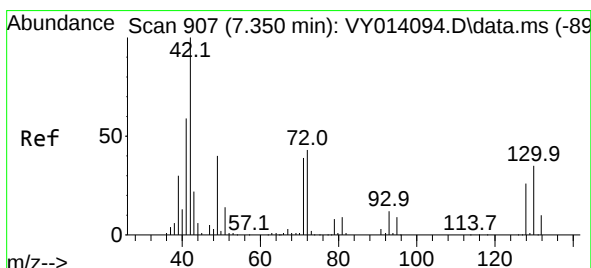
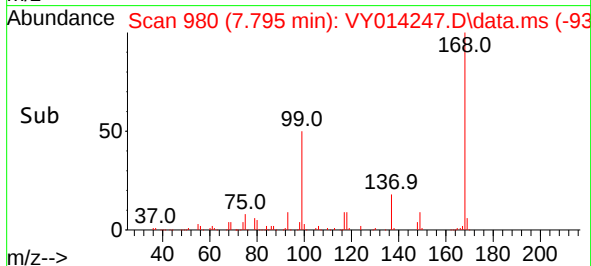
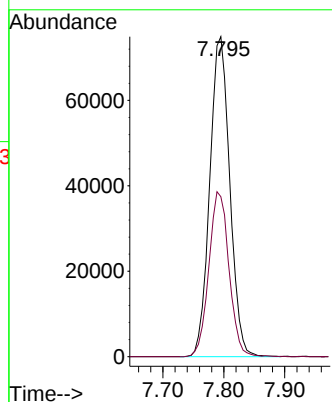
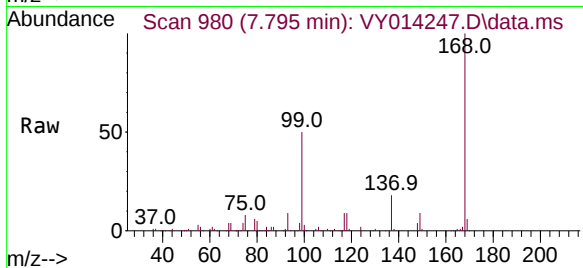




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014247.D
Acq: 19 Jun 2023 22:50

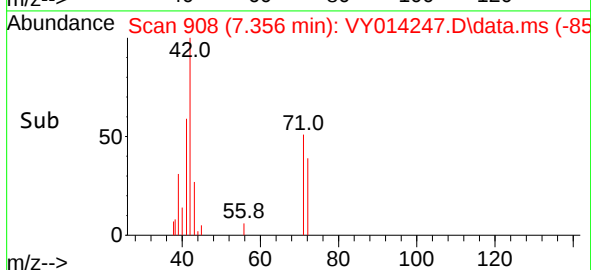
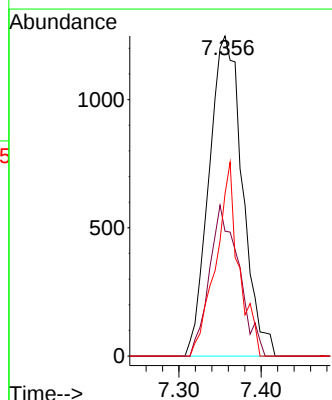
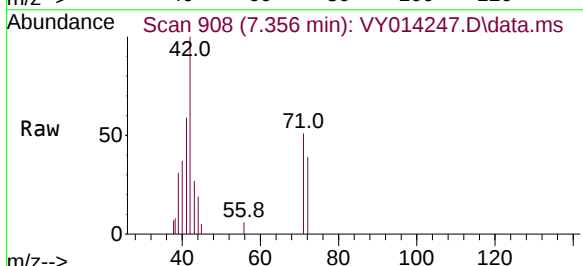
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-03-GRAB-6

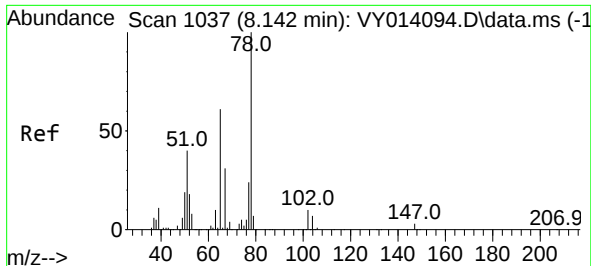
Tgt Ion:168 Resp: 170928
Ion Ratio Lower Upper
168 100
99 50.0 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.309 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY014247.D
Acq: 19 Jun 2023 22:50

Tgt Ion: 42 Resp: 3533
Ion Ratio Lower Upper
42 100
72 41.4 32.8 49.2
71 41.4 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 49.952 ug/l

RT: 8.142 min Scan# 118895

Delta R.T. 0.000 min

Lab File: VY014247.D

Acq: 19 Jun 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

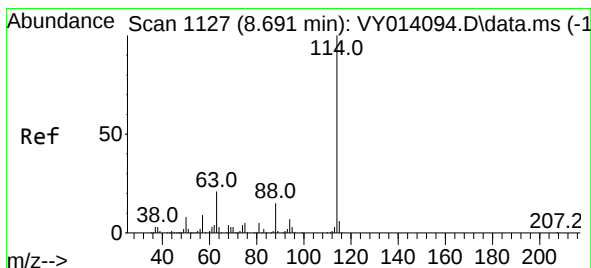
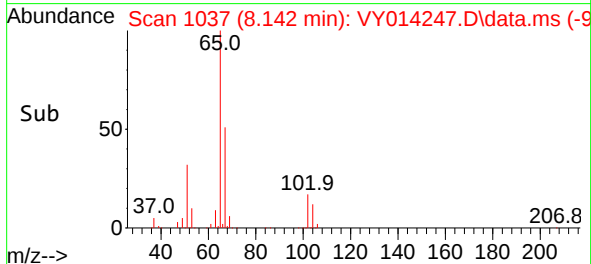
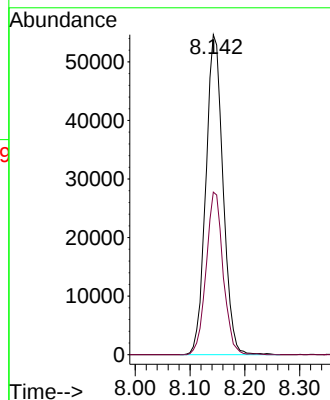
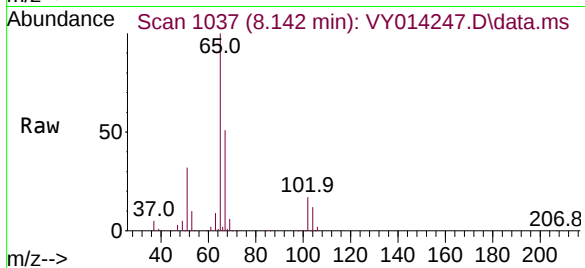
TOTAL-VOC-TW-03-GRAB-6

Tgt Ion: 65 Resp: 118895

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014247.D

Acq: 19 Jun 2023 22:50

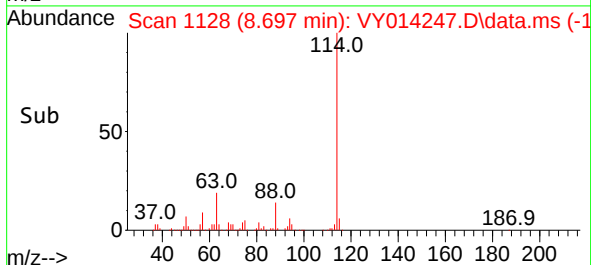
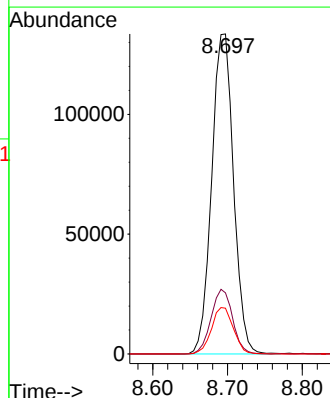
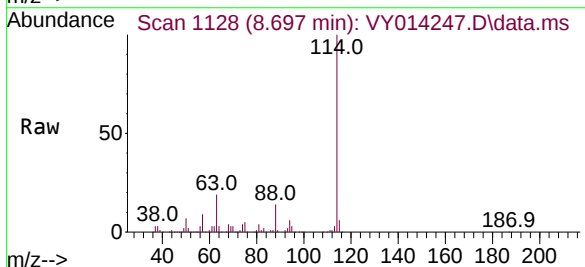
Tgt Ion: 114 Resp: 271455

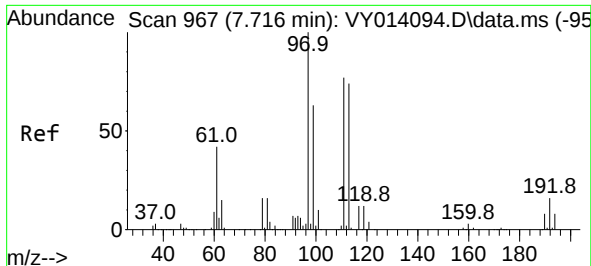
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.3 0.0 30.6

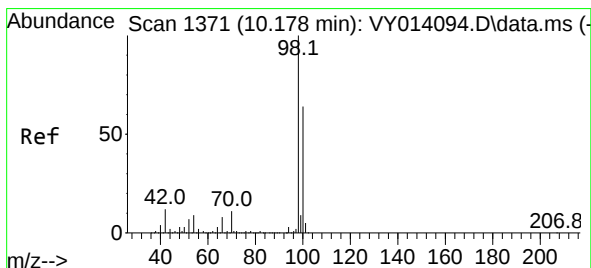
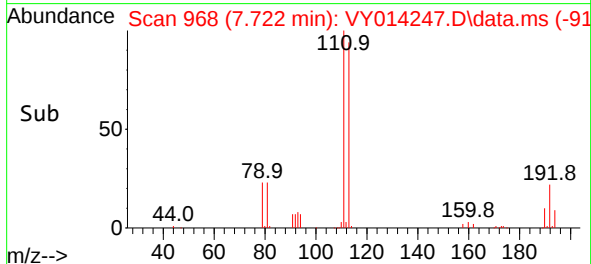
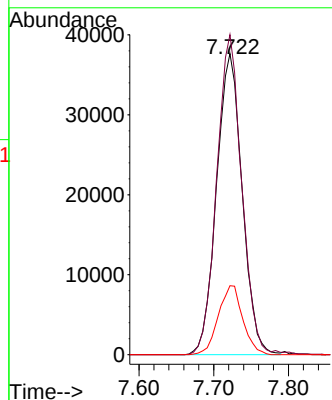
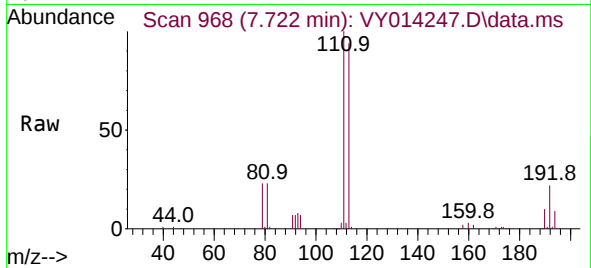




#35
Dibromofluoromethane
Concen: 46.691 ug/l
RT: 7.722 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014247.D
Acq: 19 Jun 2023 22:50

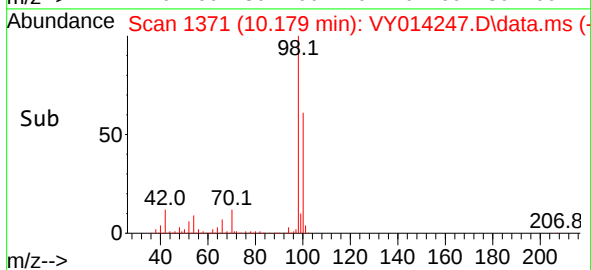
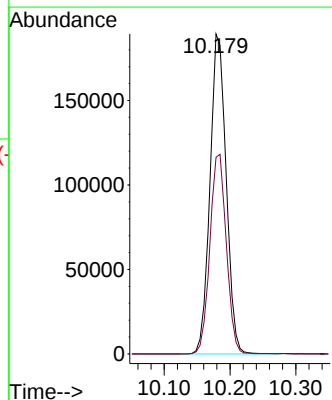
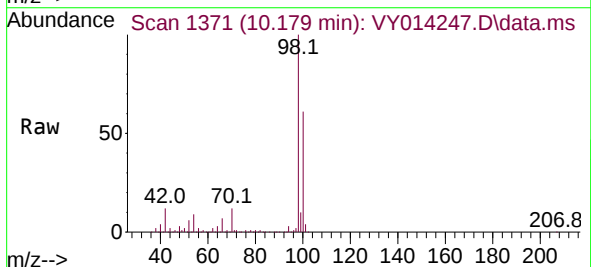
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-03-GRAB-6

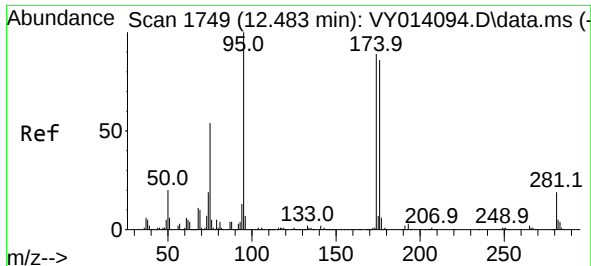
Tgt Ion:113 Resp: 89885
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 21.8 16.9 25.3



#50
Toluene-d8
Concen: 45.054 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014247.D
Acq: 19 Jun 2023 22:50

Tgt Ion: 98 Resp: 324259
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1

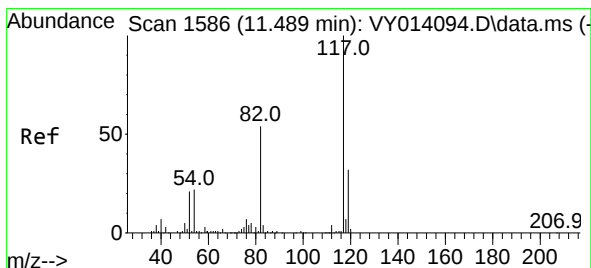
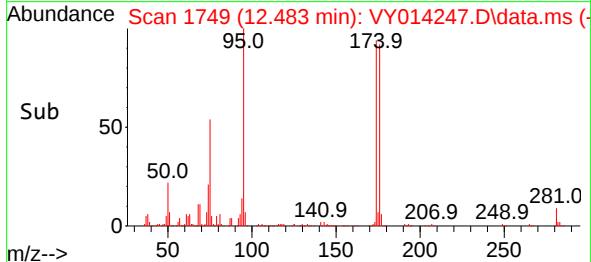
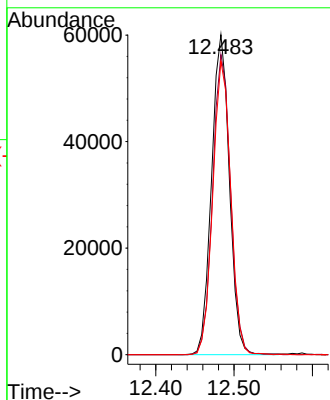
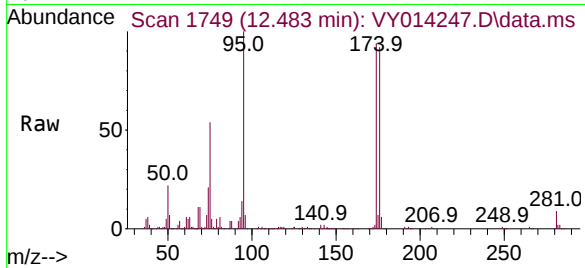




#62
4-Bromofluorobenzene
Concen: 37.201 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014247.D
Acq: 19 Jun 2023 22:50

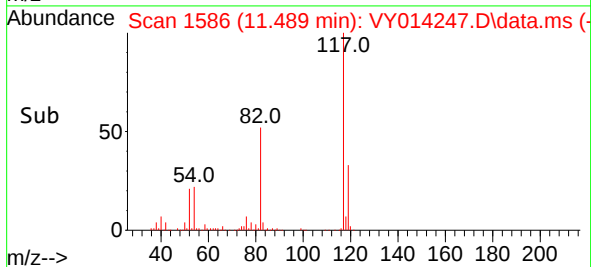
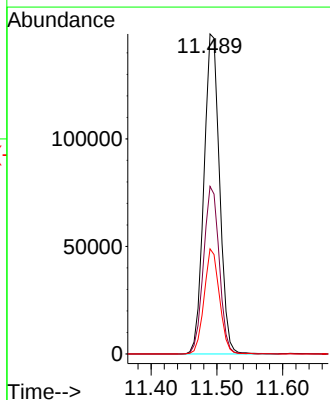
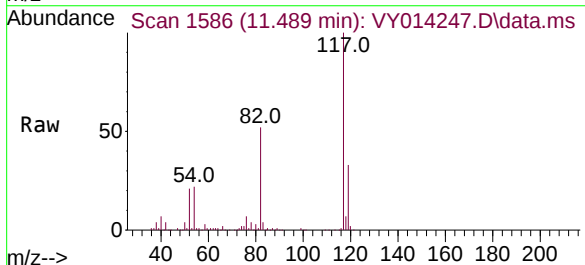
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-03-GRAB-6

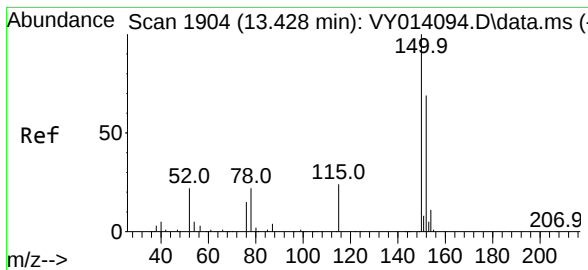
Tgt Ion:	95	Resp:	95109
Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	178.2
176	91.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014247.D
Acq: 19 Jun 2023 22:50

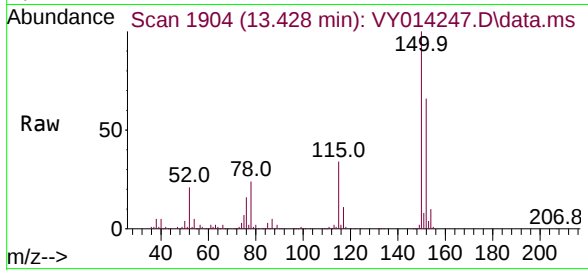
Tgt Ion:	117	Resp:	245863
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.4	65.0
119	32.8	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014247.D
 Acq: 19 Jun 2023 22:50

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



Tgt Ion:152 Resp: 95720
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.8 86.5
 150 155.7 0.0 348.8

