

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015563.D
 Acq On : 15 Sep 2023 12:43
 Operator : SY/MD
 Sample : 04409-06
 Misc : 6.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2(0-2)GRAB

Quant Time: Sep 15 15:36:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

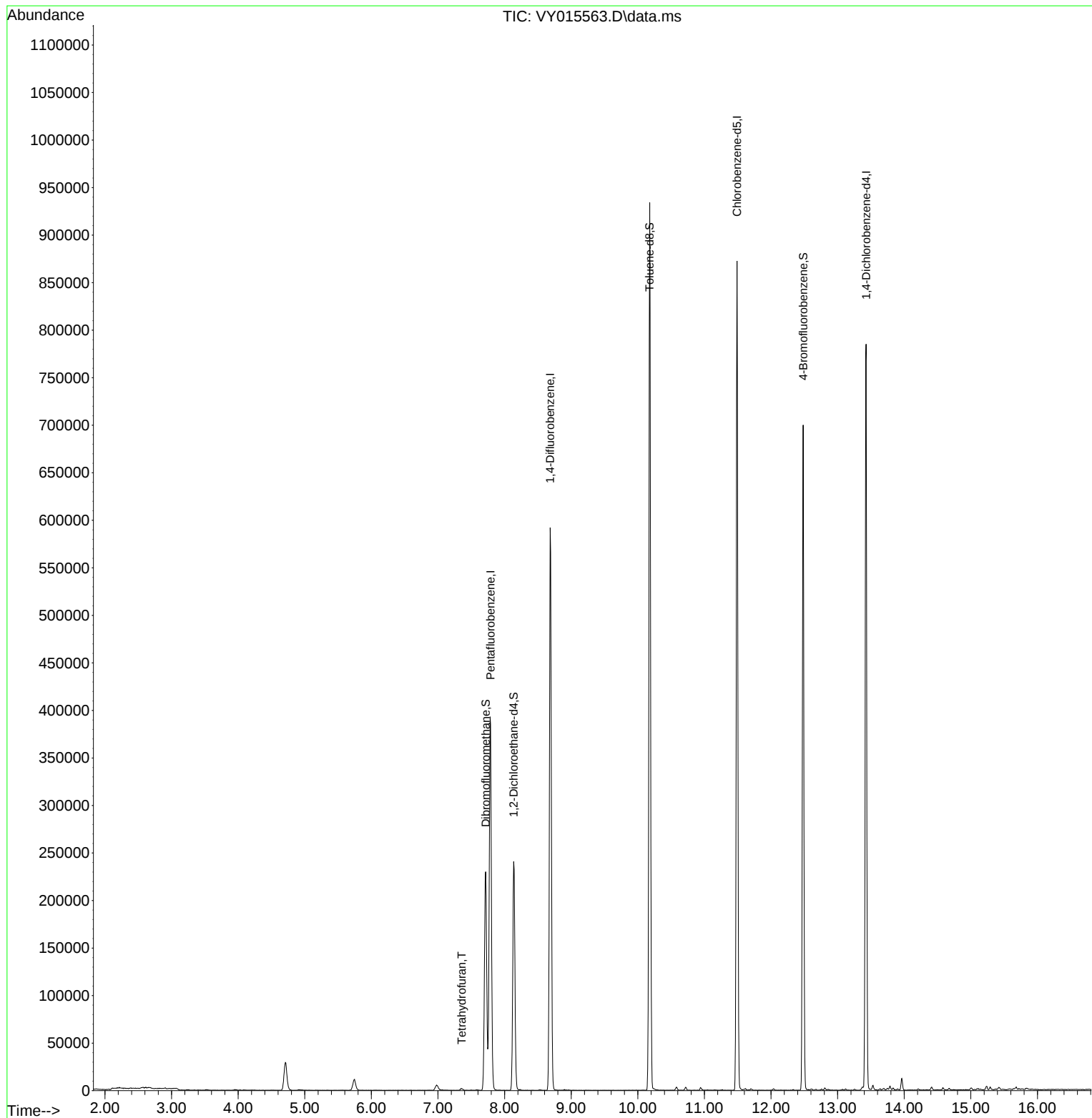
Internal Standards						
1) Pentafluorobenzene	7.789	168	306955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	516750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	462992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	203481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	190797	57.984	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.960%
35) Dibromofluoromethane	7.716	113	162510	54.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.200%
50) Toluene-d8	10.179	98	601792	55.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.660%
62) 4-Bromofluorobenzene	12.483	95	201090	50.255	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.520%
Target Compounds						
29) Tetrahydrofuran	7.356	42	1350	1.104	ug/l	90

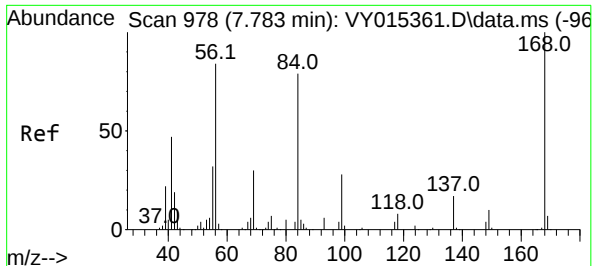
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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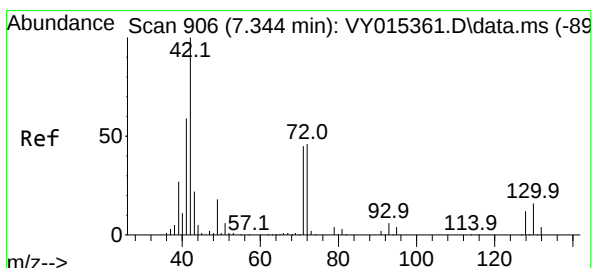
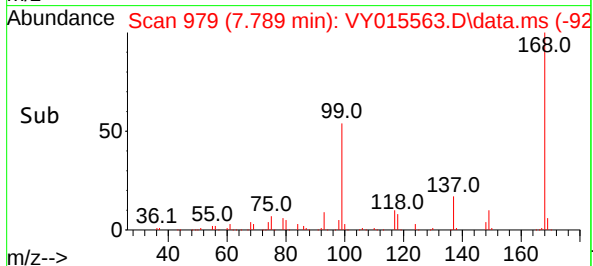
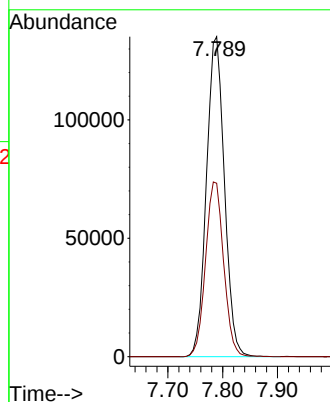
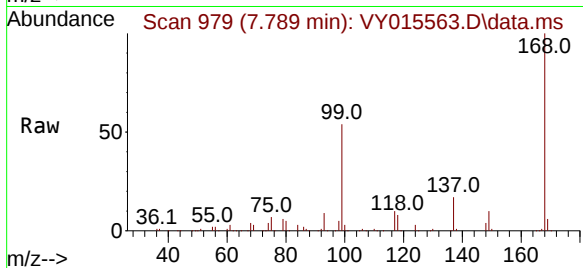




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015563.D
Acq: 15 Sep 2023 12:43

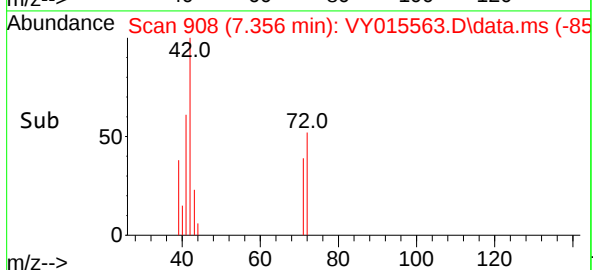
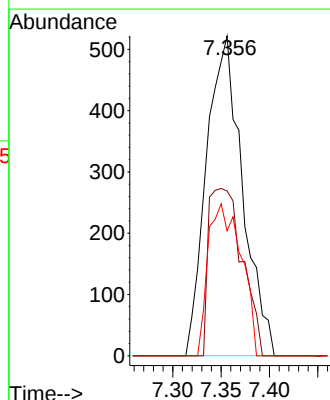
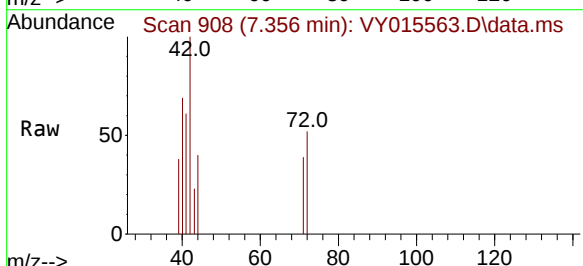
Instrument :
MSVOA_Y
ClientSampleId :
WC-2(0-2)GRAB

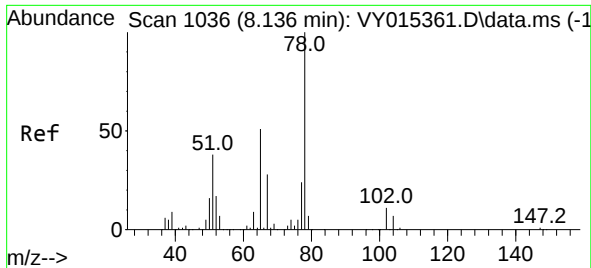
Tgt Ion:168 Resp: 306955
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#29
Tetrahydrofuran
Concen: 1.104 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY015563.D
Acq: 15 Sep 2023 12:43

Tgt Ion: 42 Resp: 1350
Ion Ratio Lower Upper
42 100
72 48.9 32.8 49.2
71 43.6 31.0 46.4

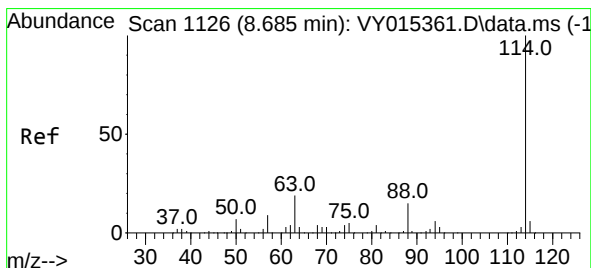
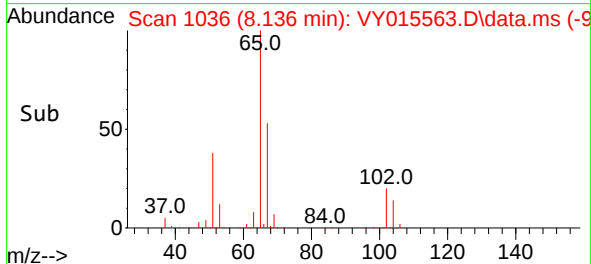
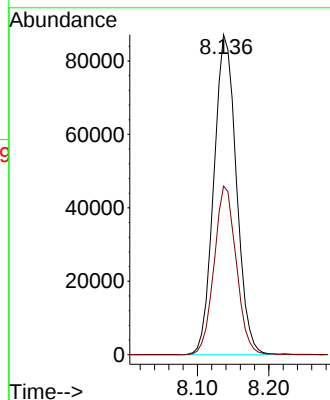
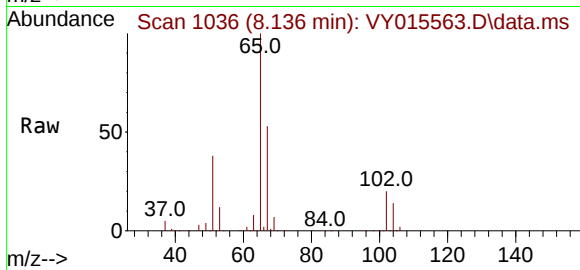




#33
 1,2-Dichloroethane-d4
 Concen: 57.984 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015563.D
 Acq: 15 Sep 2023 12:43

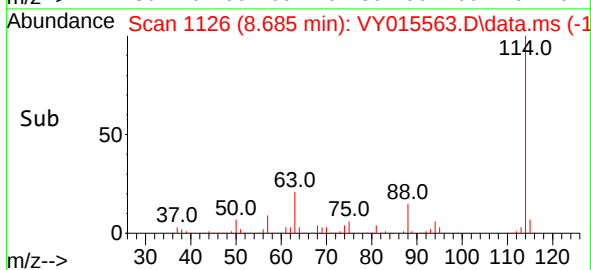
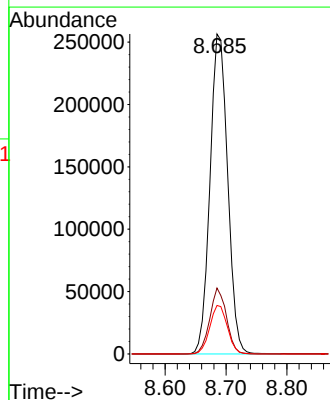
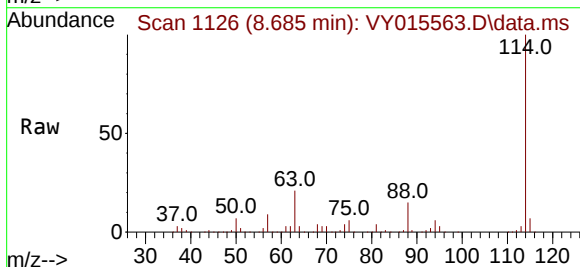
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2(0-2)GRAB

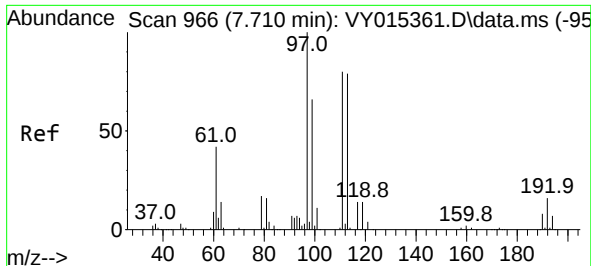
Tgt Ion: 65 Resp: 190797
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015563.D
 Acq: 15 Sep 2023 12:43

Tgt Ion: 114 Resp: 516750
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.1 0.0 30.6

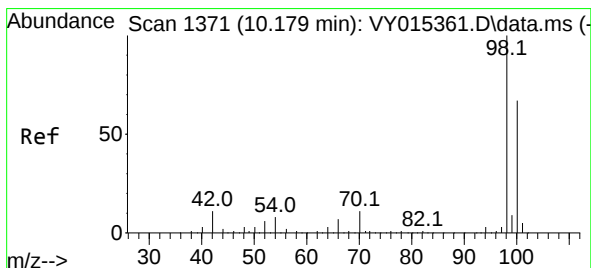
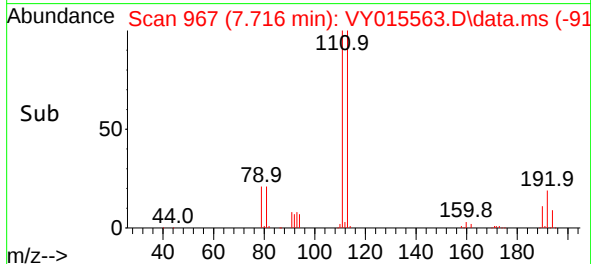
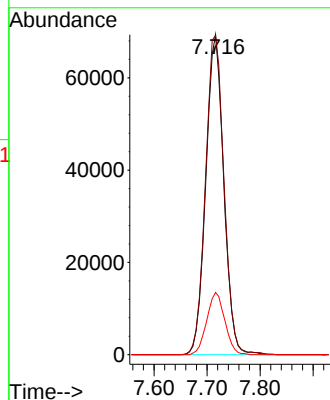
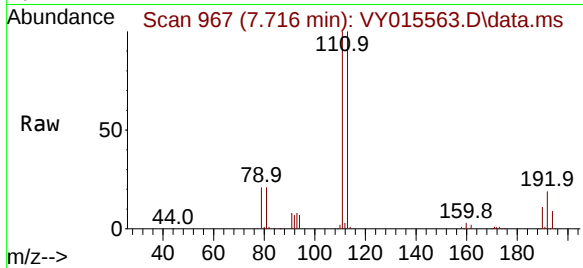




#35
Dibromofluoromethane
Concen: 54.600 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015563.D
Acq: 15 Sep 2023 12:43

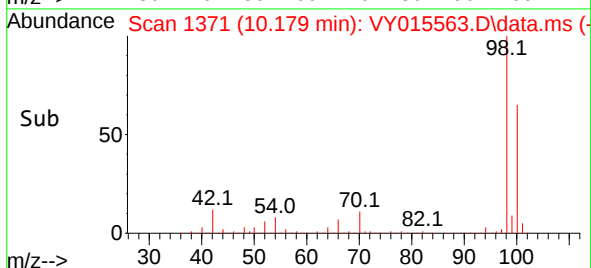
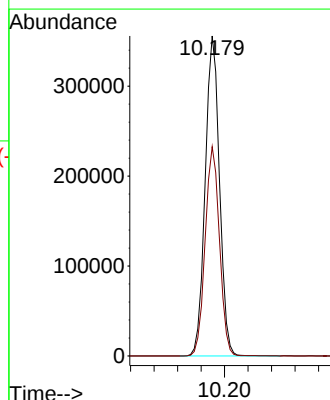
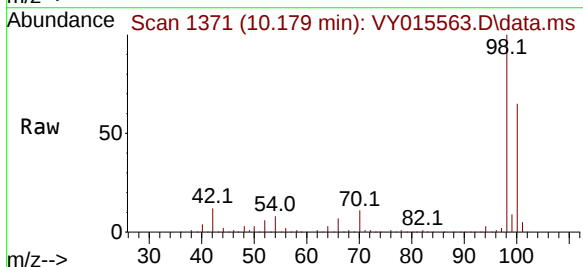
Instrument :
MSVOA_Y
ClientSampleId :
WC-2(0-2)GRAB

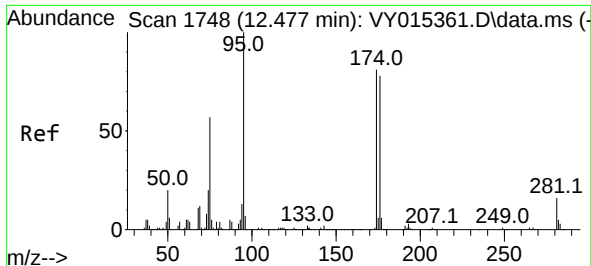
Tgt Ion:113 Resp: 162510
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 55.832 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015563.D
Acq: 15 Sep 2023 12:43

Tgt Ion: 98 Resp: 601792
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 50.255 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015563.D

Acq: 15 Sep 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

WC-2(0-2)GRAB

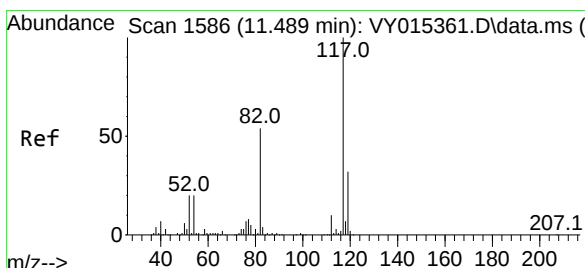
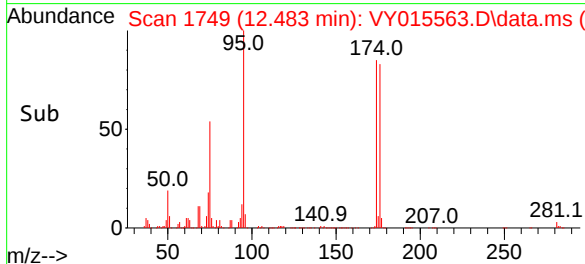
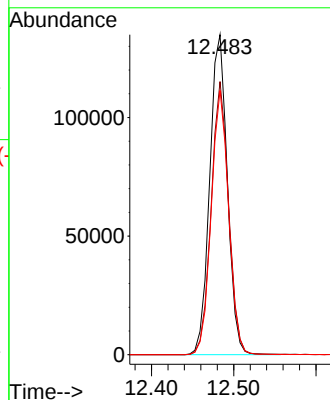
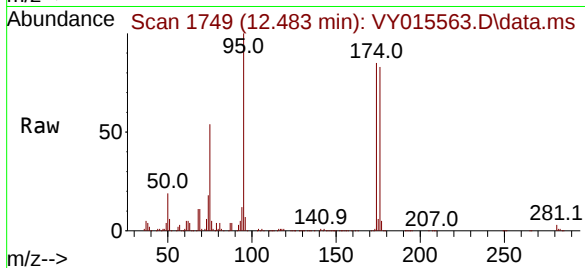
Tgt Ion: 95 Resp: 201090

Ion Ratio Lower Upper

95 100

174 84.7 0.0 178.2

176 81.4 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY015563.D

Acq: 15 Sep 2023 12:43

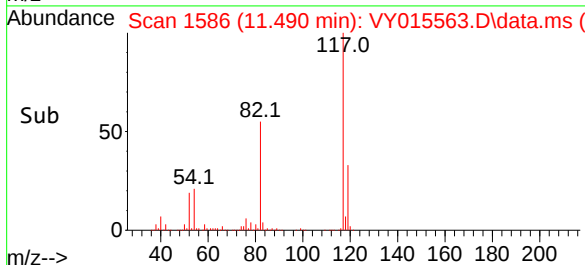
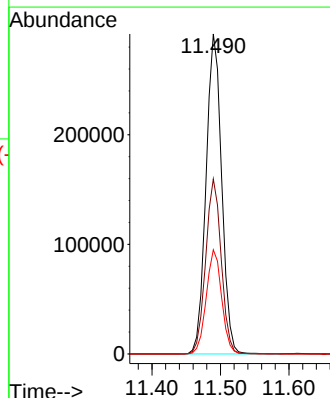
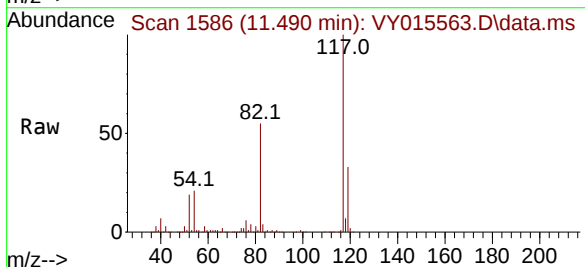
Tgt Ion: 117 Resp: 462992

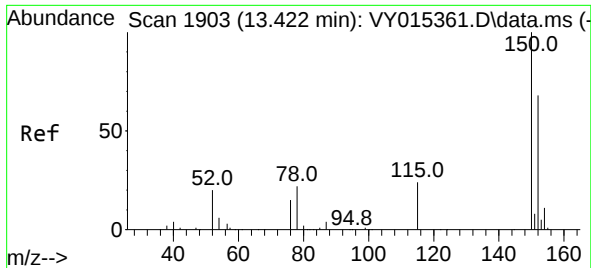
Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

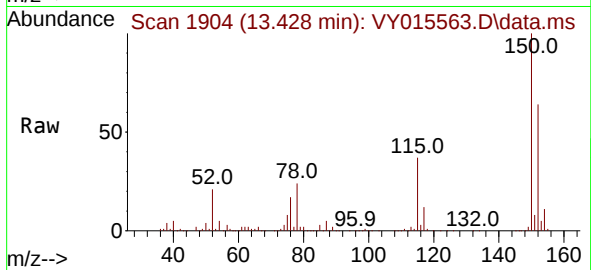
119 32.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015563.D
 Acq: 15 Sep 2023 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2(0-2)GRAB



Tgt Ion:152 Resp: 203481
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.8 86.5
 150 155.3 0.0 348.8

