

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015510.D
 Acq On : 12 Sep 2023 16:11
 Operator : SY/MD
 Sample : 04395-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-91123

Quant Time: Sep 13 05:54:24 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)

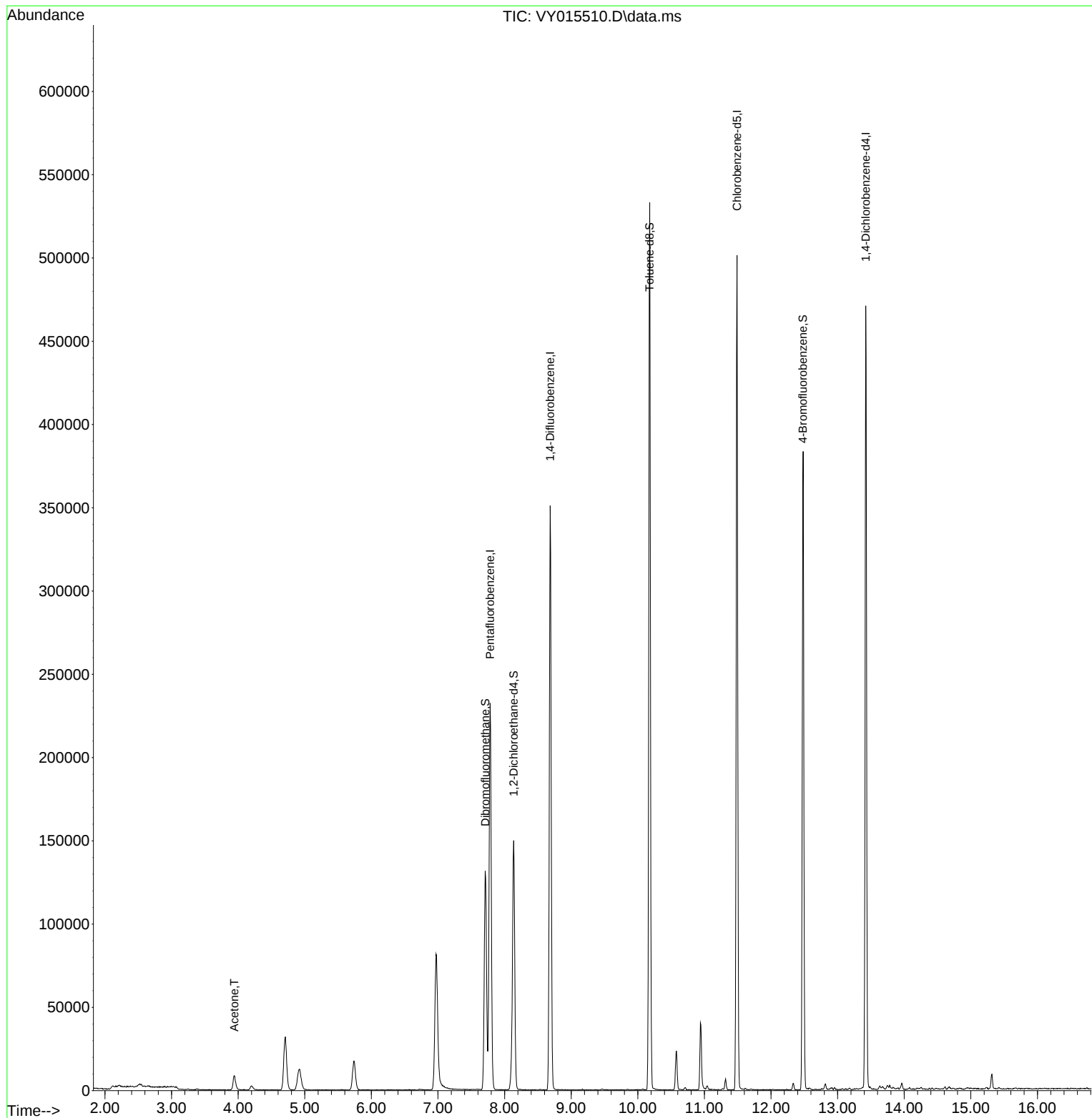
Internal Standards						
1) Pentafluorobenzene	7.782	168	181696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	300887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111626	57.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.620%	
35) Dibromofluoromethane	7.709	113	93873	54.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.340%	
50) Toluene-d8	10.178	98	346464	55.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.400%	
62) 4-Bromofluorobenzene	12.477	95	113330	48.642	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.280%	
Target Compounds						
16) Acetone	3.942	43	15477	19.037	ug/l	Qvalue 99

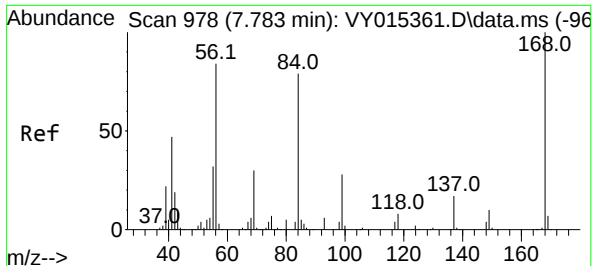
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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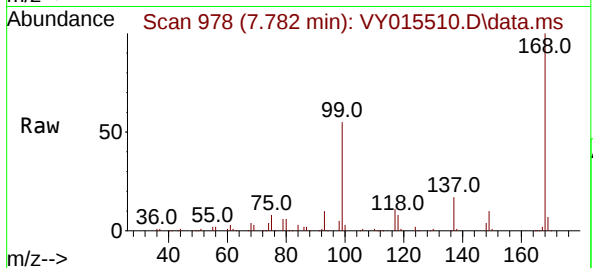
Quant Time: Sep 13 05:54:24 2023
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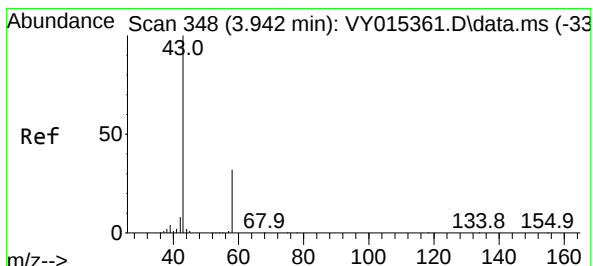
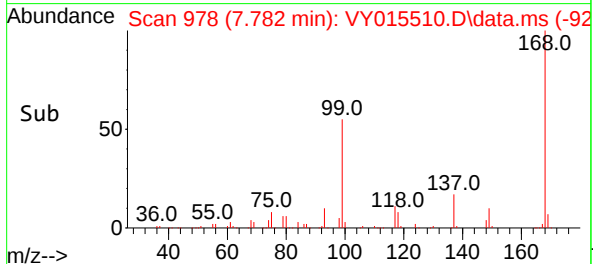
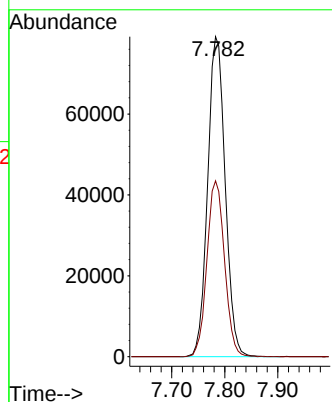


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY015510.D
Acq: 12 Sep 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-91123

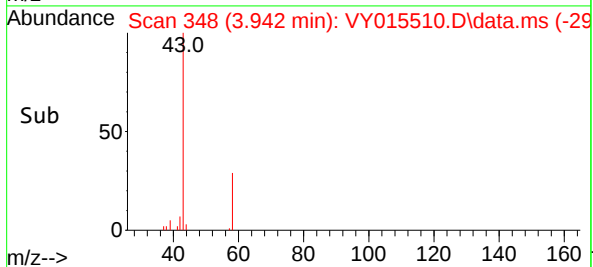
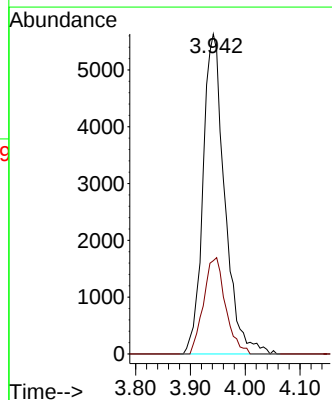
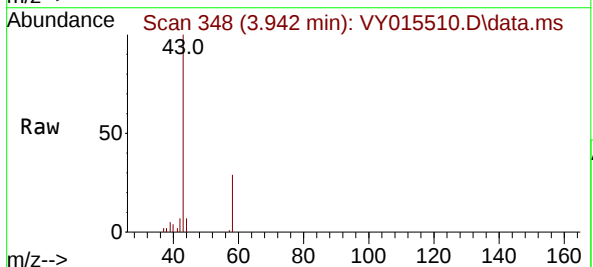


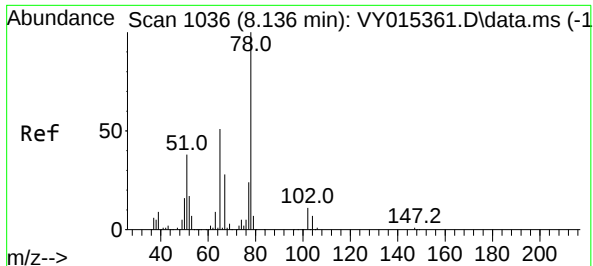
Tgt Ion:168 Resp: 181696
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#16
Acetone
Concen: 19.037 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015510.D
Acq: 12 Sep 2023 16:11

Tgt Ion: 43 Resp: 15477
Ion Ratio Lower Upper
43 100
58 29.2 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 57.310 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015510.D

Acq: 12 Sep 2023 16:11

Instrument :

MSVOA_Y

ClientSampleId :

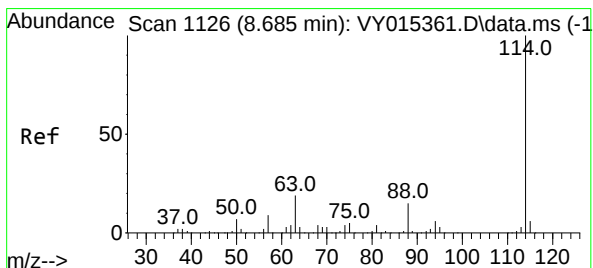
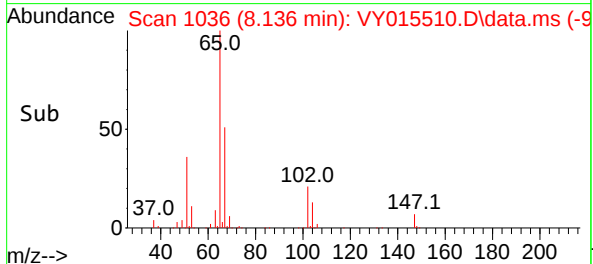
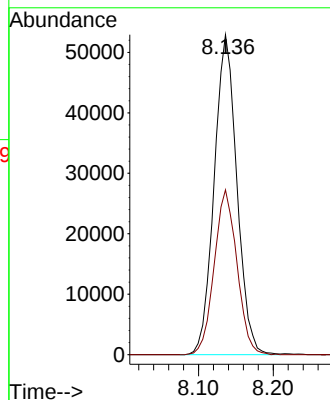
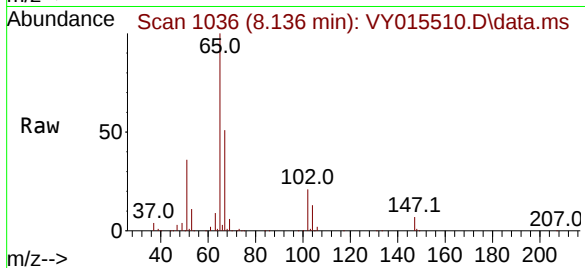
OK-01-91123

Tgt Ion: 65 Resp: 111626

Ion Ratio Lower Upper

65 100

67 51.6 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: VY015510.D

Acq: 12 Sep 2023 16:11

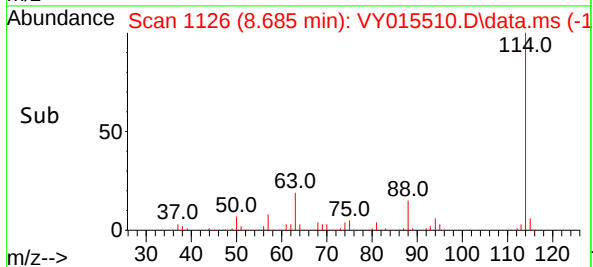
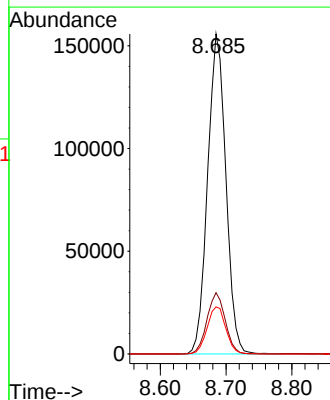
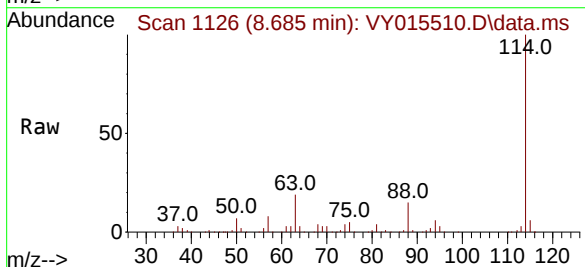
Tgt Ion: 114 Resp: 300887

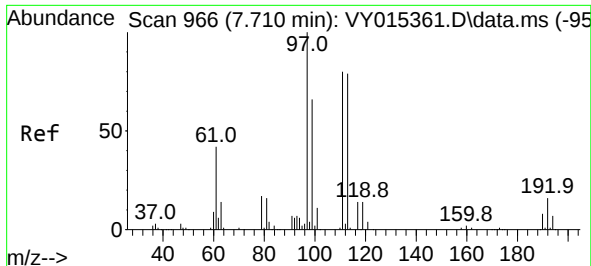
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.166 ug/l

RT: 7.709 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY015510.D

Acq: 12 Sep 2023 16:11

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-91123

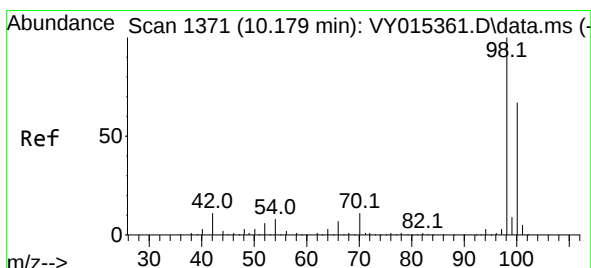
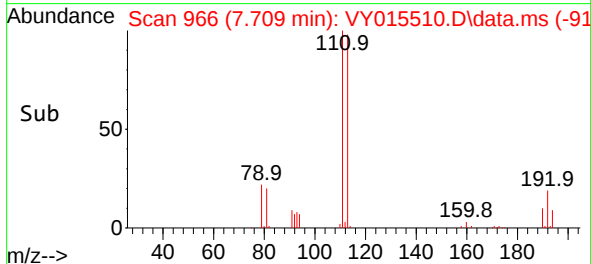
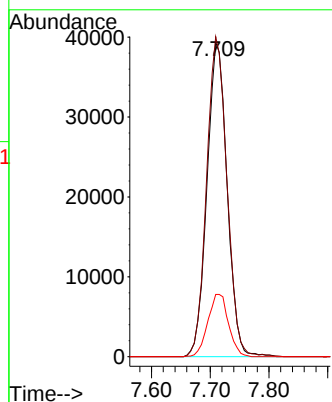
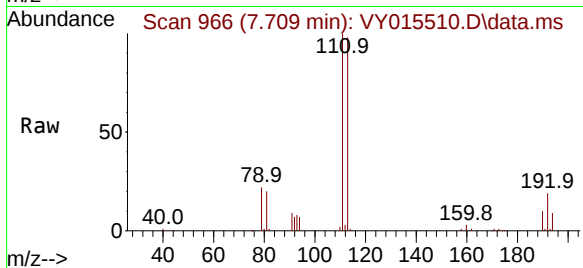
Tgt Ion:113 Resp: 93873

Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 20.3 16.9 25.3



#50

Toluene-d8

Concen: 55.205 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015510.D

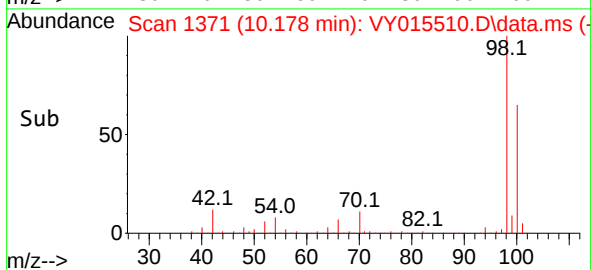
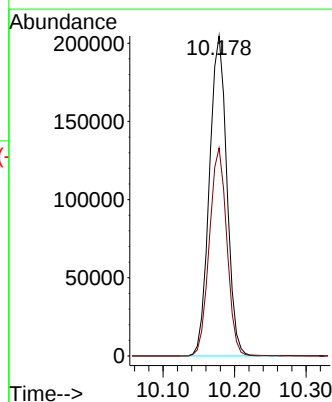
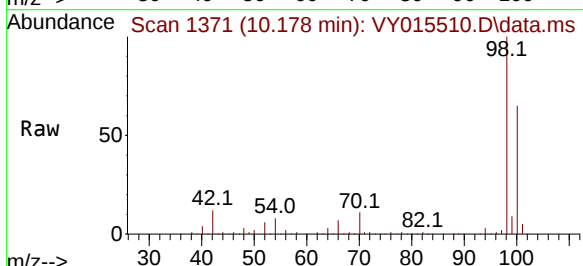
Acq: 12 Sep 2023 16:11

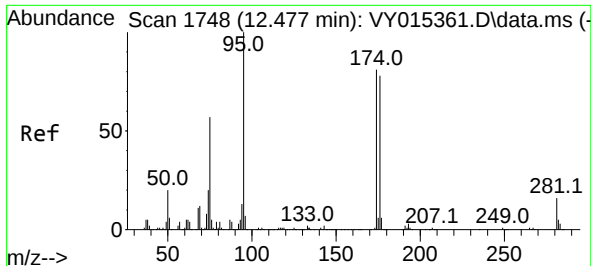
Tgt Ion: 98 Resp: 346464

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1

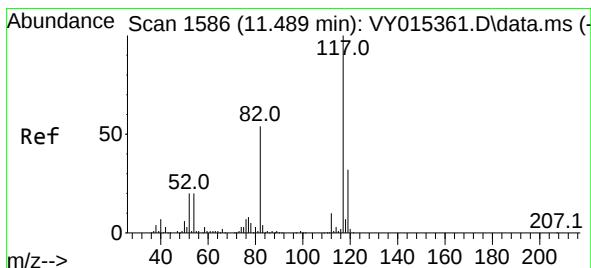
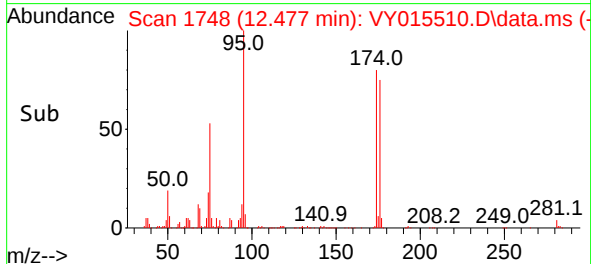
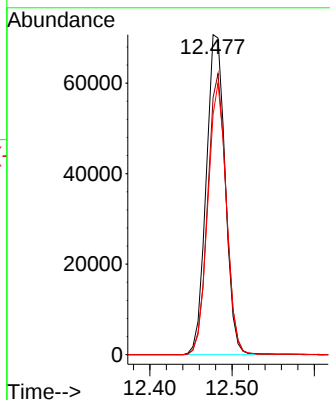
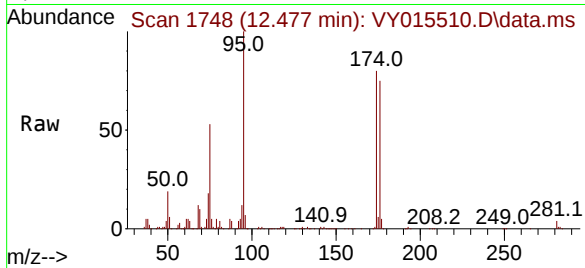




#62
4-Bromofluorobenzene
Concen: 48.642 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015510.D
Acq: 12 Sep 2023 16:11

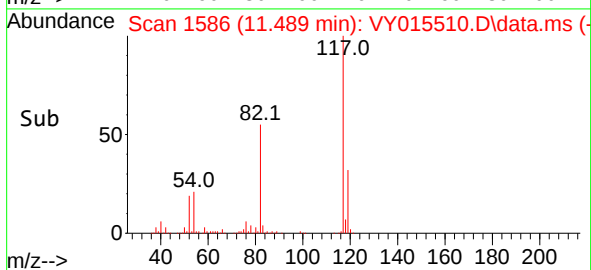
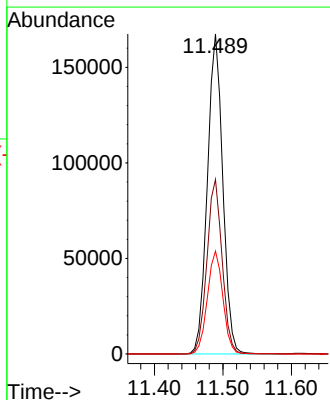
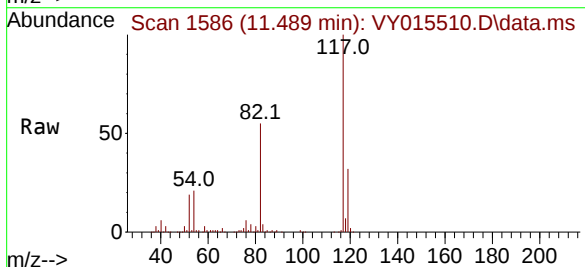
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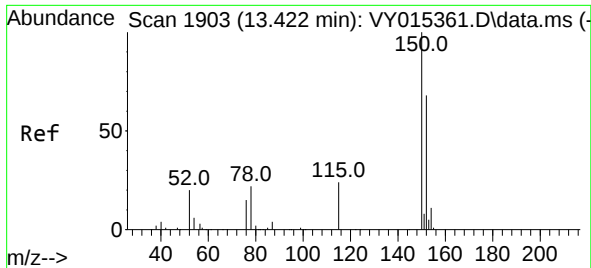
Tgt Ion: 95 Resp: 113330
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 83.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015510.D
Acq: 12 Sep 2023 16:11

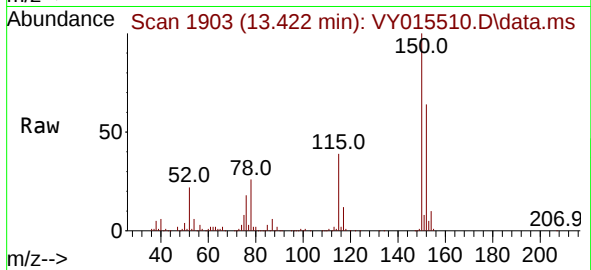
Tgt Ion: 117 Resp: 262187
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015510.D
 Acq: 12 Sep 2023 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-91123



Tgt Ion:152 Resp: 119160
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.8 86.5
 150 157.0 0.0 348.8

