

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015147.D
 Acq On : 16 Aug 2023 14:07
 Operator : SY/MD
 Sample : 04016-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-PP12

Quant Time: Aug 16 16:17:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

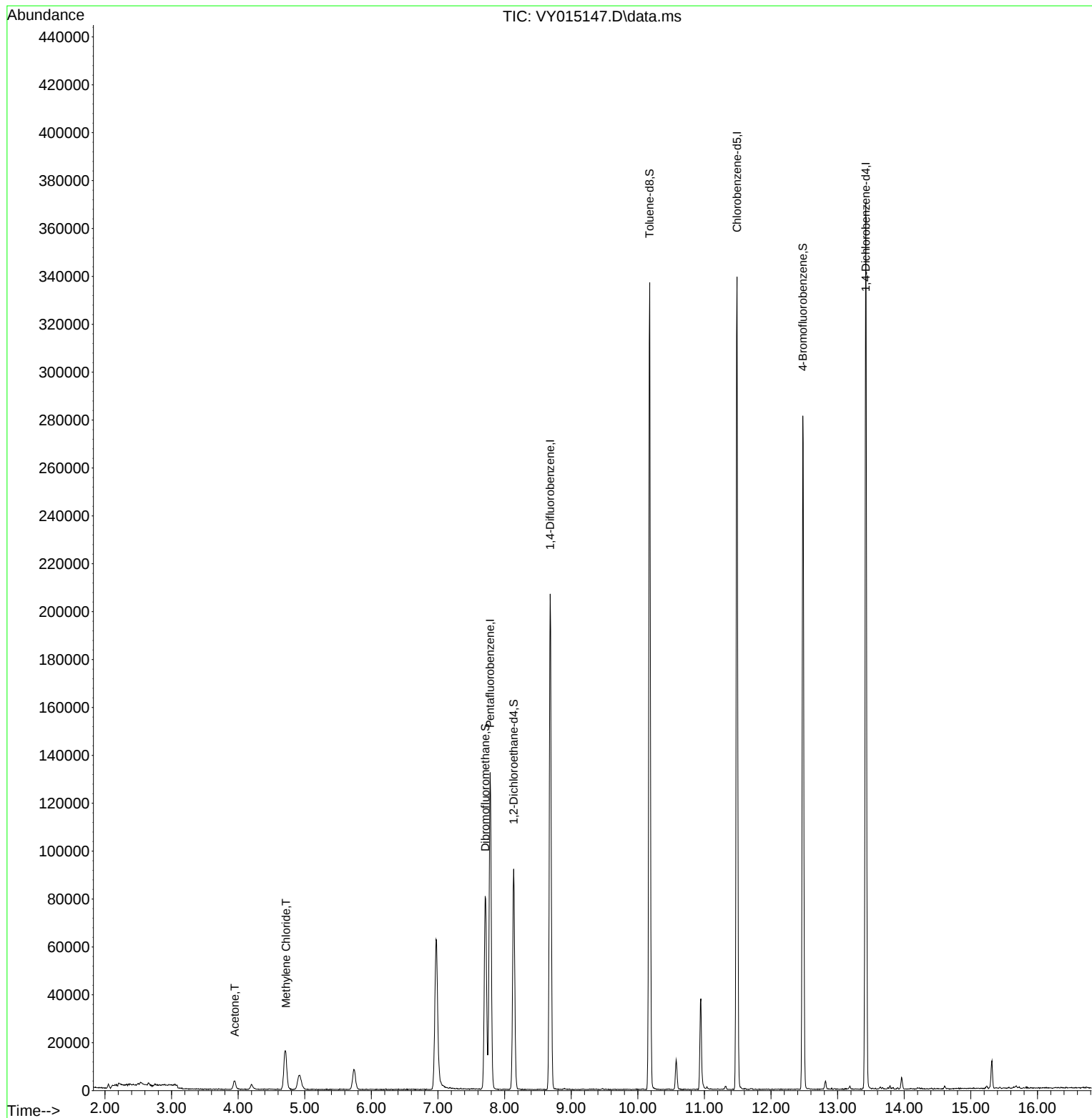
Internal Standards						
1) Pentafluorobenzene	7.783	168	102004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	179179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	180302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71574	58.453	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.900%
35) Dibromofluoromethane	7.710	113	58909	51.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.200%
50) Toluene-d8	10.179	98	215121	50.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.260%
62) 4-Bromofluorobenzene	12.477	95	81125	51.761	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.520%
Target Compounds						
16) Acetone	3.948	43	6246	15.615	ug/l #	88
20) Methylene Chloride	4.716	84	12893	9.985	ug/l #	82

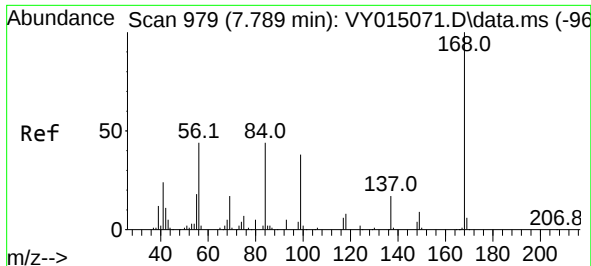
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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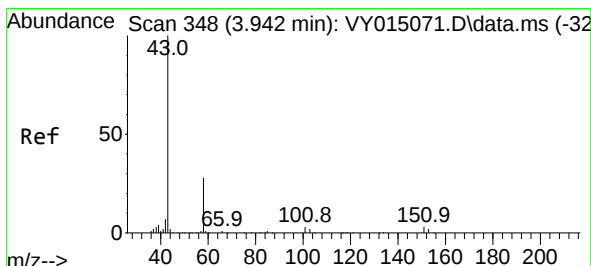
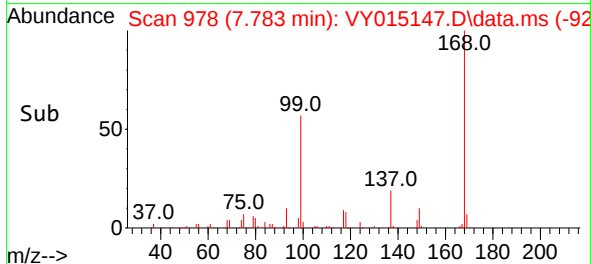
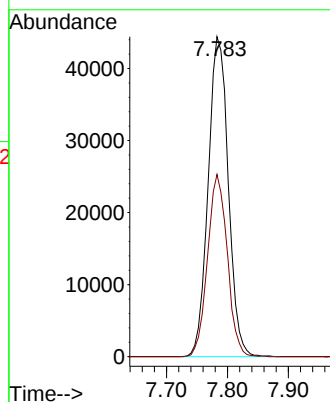
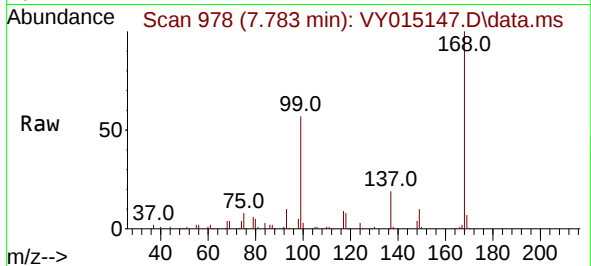




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015147.D
Acq: 16 Aug 2023 14:07

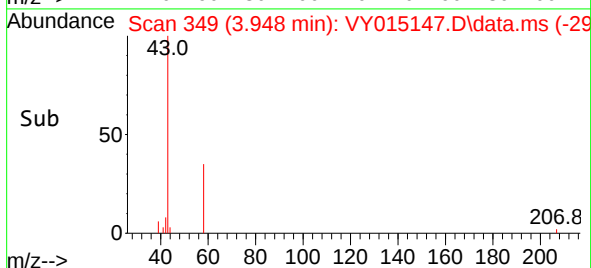
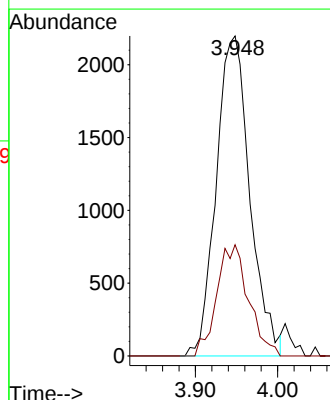
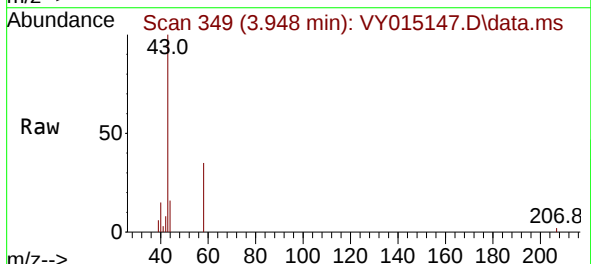
Instrument :
MSVOA_Y
ClientSampleId :
P-PP12

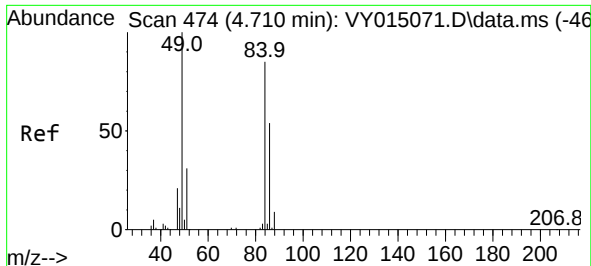
Tgt Ion:168 Resp: 102004
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#16
Acetone
Concen: 15.615 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015147.D
Acq: 16 Aug 2023 14:07

Tgt Ion: 43 Resp: 6246
Ion Ratio Lower Upper
43 100
58 34.8 22.7 34.1#

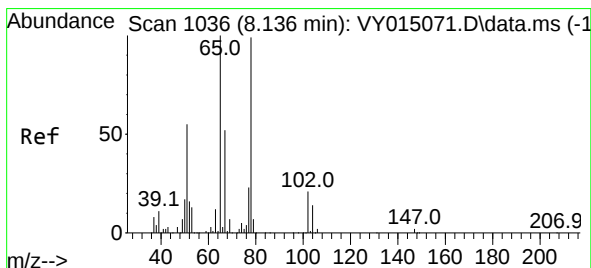
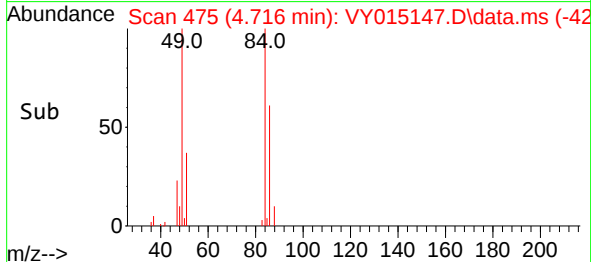
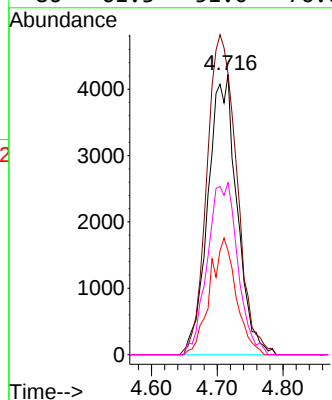
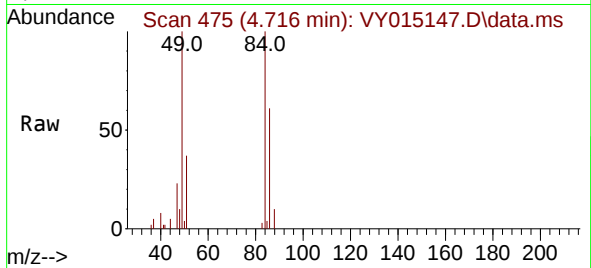




#20
Methylene Chloride
Concen: 9.985 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015147.D
Acq: 16 Aug 2023 14:07

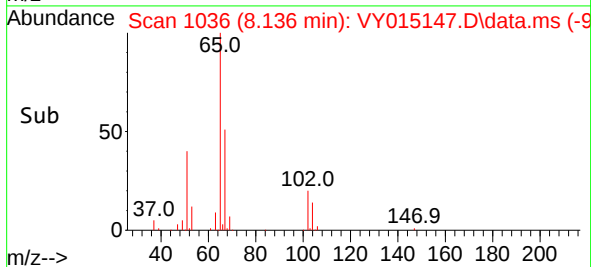
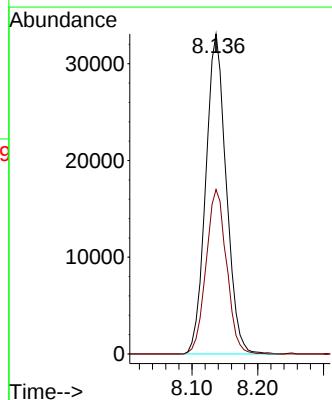
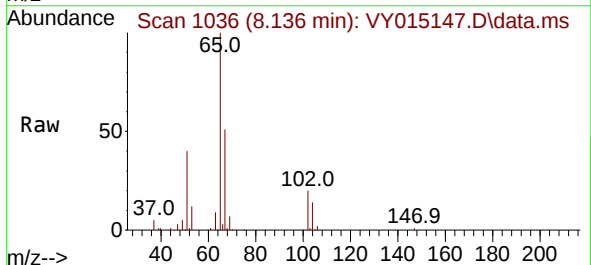
Instrument :
MSVOA_Y
ClientSampleId :
P-PP12

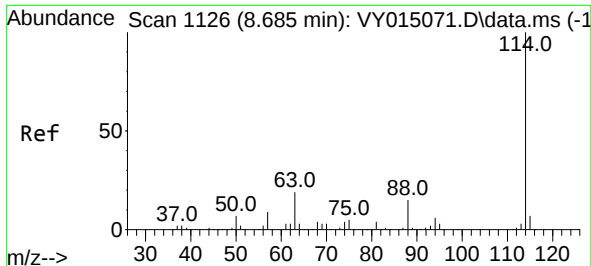
Tgt Ion: 84 Resp: 12893
Ion Ratio Lower Upper
84 100
49 100.2 106.9 160.3#
51 37.0 33.2 49.8
86 61.3 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 58.453 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015147.D
Acq: 16 Aug 2023 14:07

Tgt Ion: 65 Resp: 71574
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

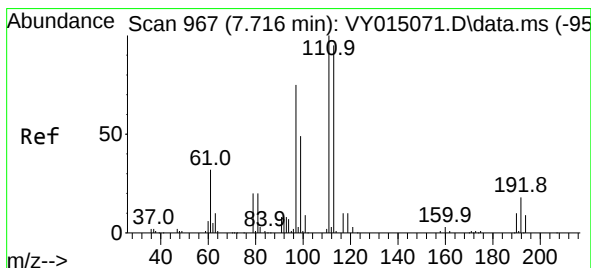
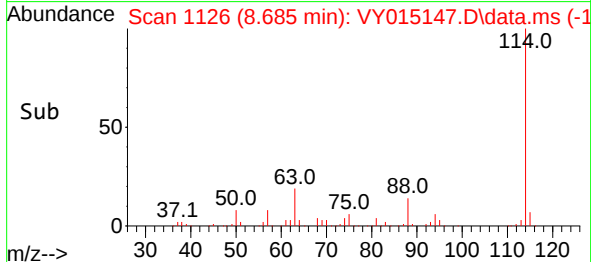
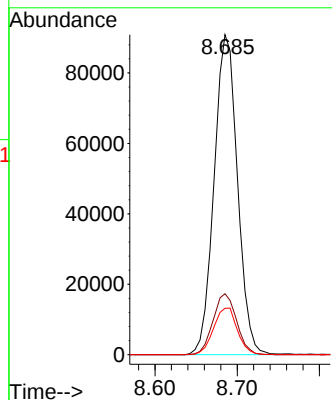
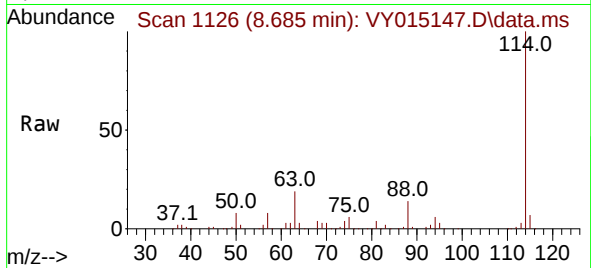




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015147.D
Acq: 16 Aug 2023 14:07

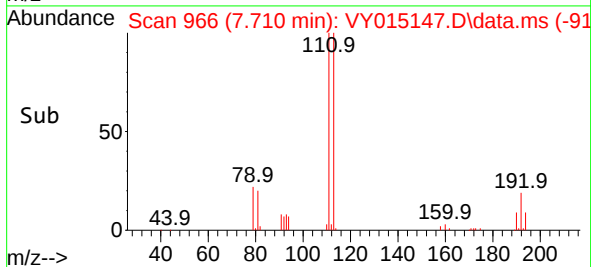
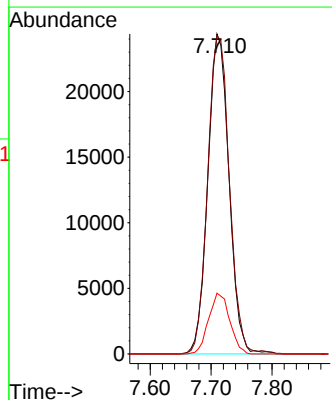
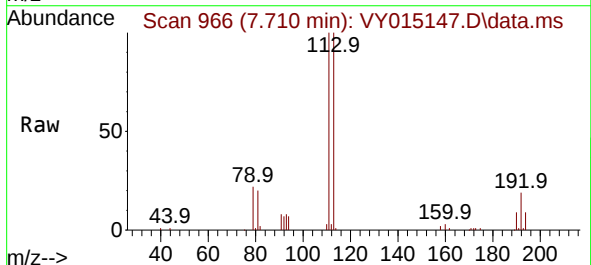
Instrument :
MSVOA_Y
ClientSampleId :
P-PP12

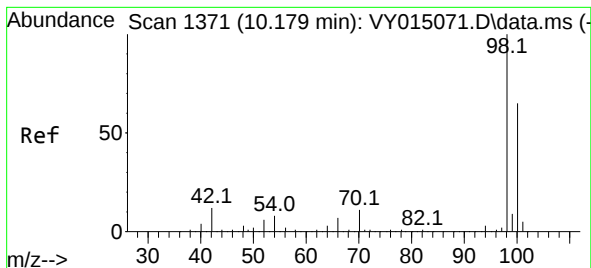
Tgt Ion:114 Resp: 179179
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.104 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015147.D
Acq: 16 Aug 2023 14:07

Tgt Ion:113 Resp: 58909
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 18.9 16.9 25.3





#50

Toluene-d8

Concen: 50.132 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015147.D

Acq: 16 Aug 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

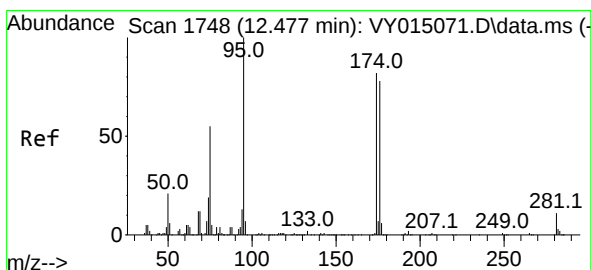
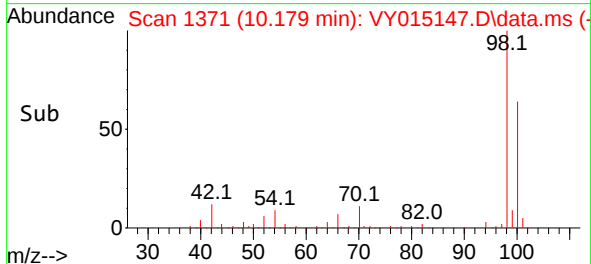
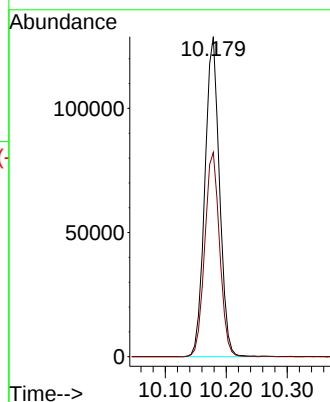
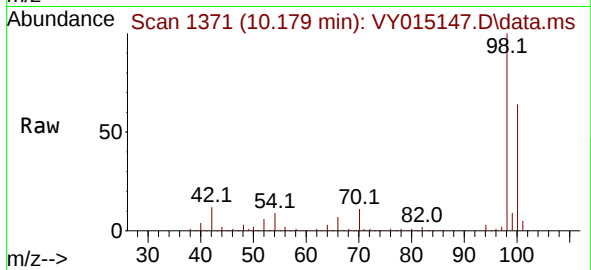
P-PP12

Tgt Ion: 98 Resp: 215121

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.761 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015147.D

Acq: 16 Aug 2023 14:07

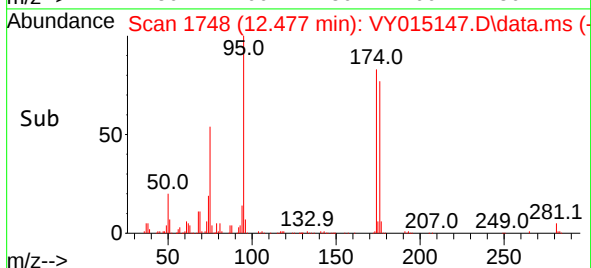
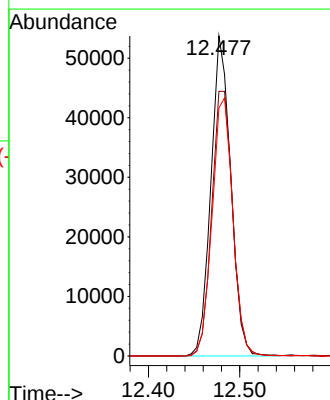
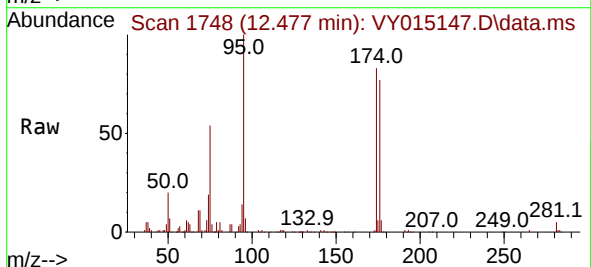
Tgt Ion: 95 Resp: 81125

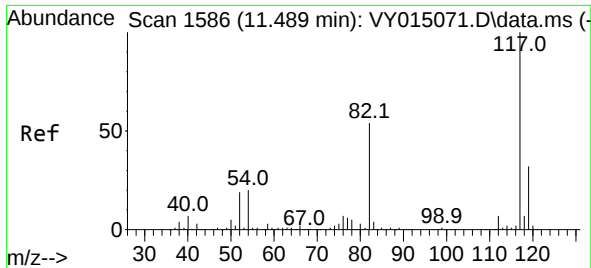
Ion Ratio Lower Upper

95 100

174 87.4 0.0 178.2

176 84.1 0.0 173.8

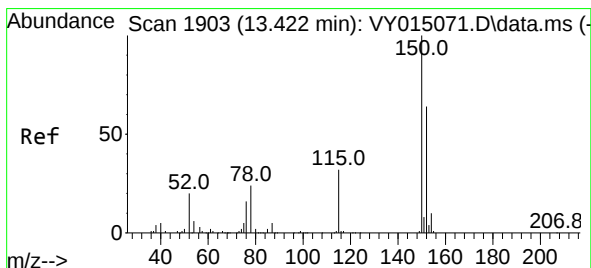
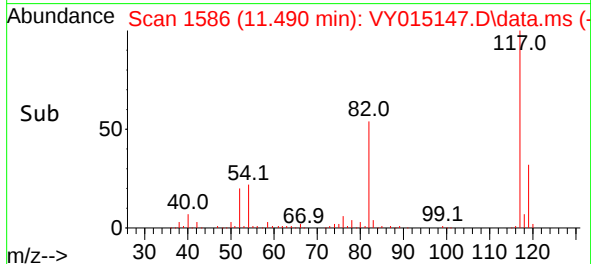
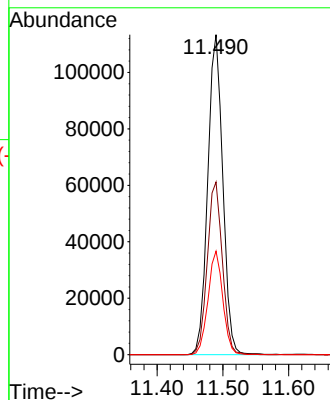
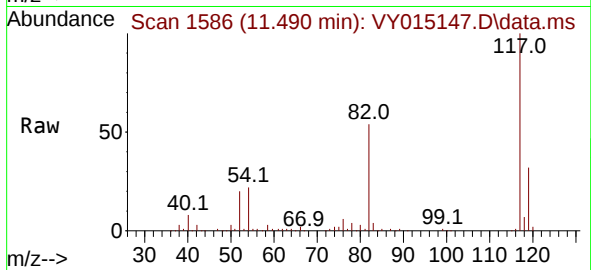




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015147.D
Acq: 16 Aug 2023 14:07

Instrument :
MSVOA_Y
ClientSampleId :
P-PP12

Tgt Ion:117 Resp: 180302
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.3 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: VY015147.D
Acq: 16 Aug 2023 14:07

Tgt Ion:152 Resp: 93346
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 155.3 0.0 348.8

