

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007914.D
 Acq On : 18 Mar 2022 19:51
 Operator : SY/MD
 Sample : N1951-04
 Misc : 7.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-15-(20-25)-3-12-22

Quant Time: Mar 19 01:39:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

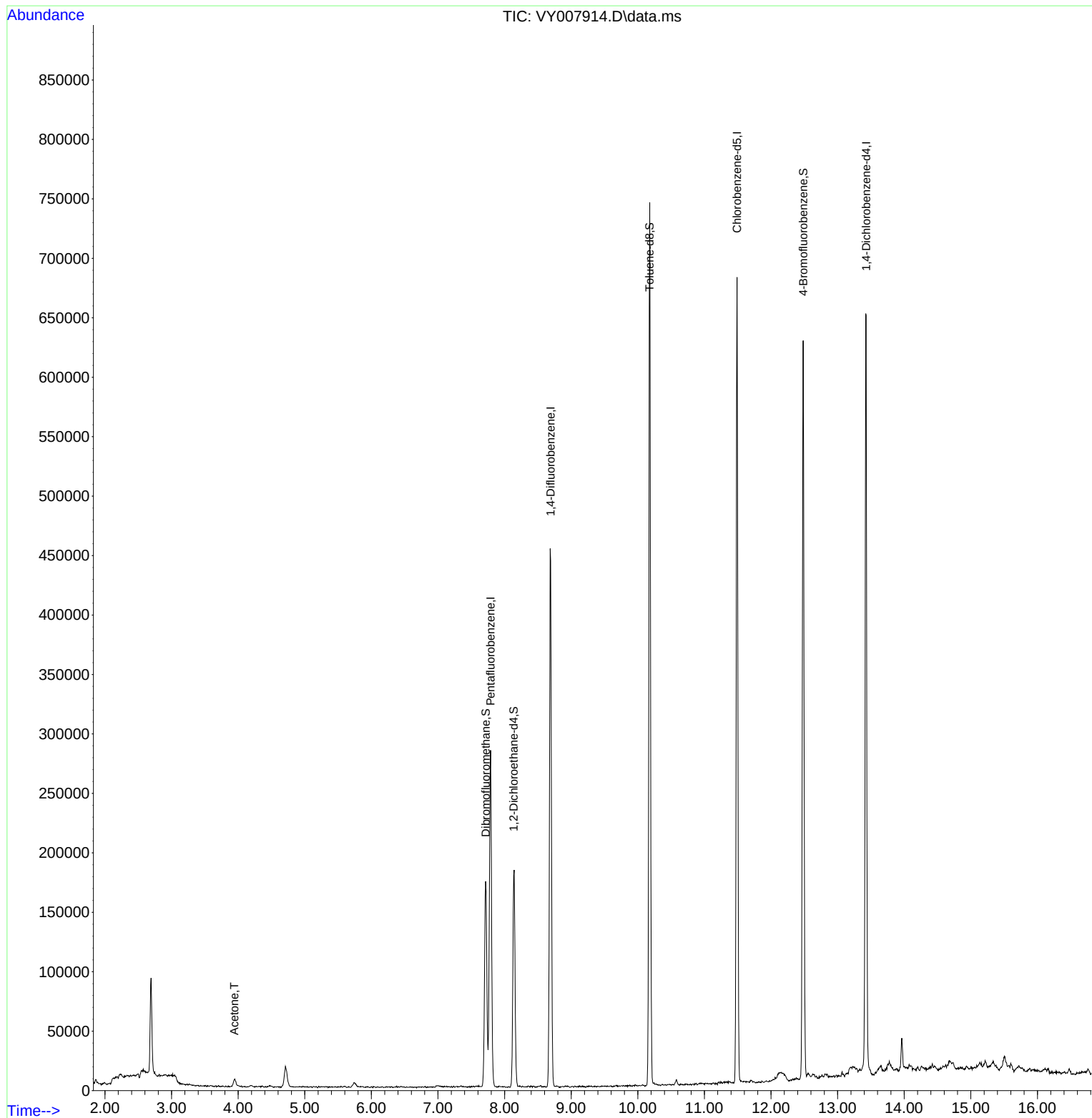
Internal Standards						
1) Pentafluorobenzene	7.789	168	213339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	397693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	368128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139570	57.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.760%
35) Dibromofluoromethane	7.716	113	126585	45.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.640%
50) Toluene-d8	10.179	98	478280	57.609	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.220%
62) 4-Bromofluorobenzene	12.483	95	173487	43.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.560%
Target Compounds						
16) Acetone	3.942	43	10767	16.685	ug/l	Qvalue 92

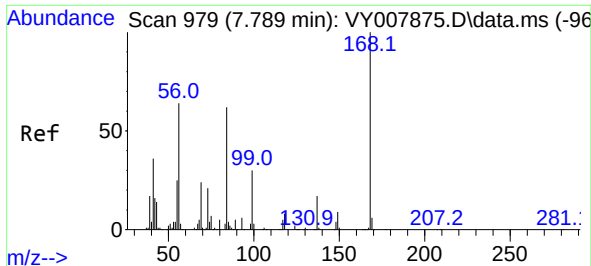
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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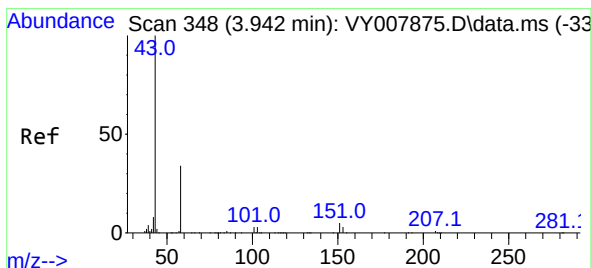
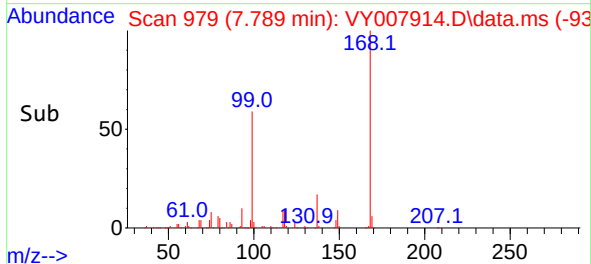
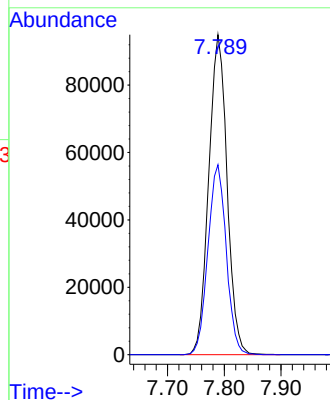
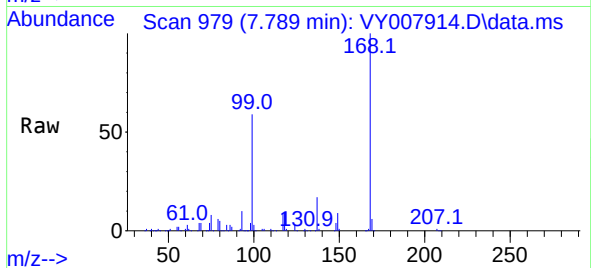




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007914.D
Acq: 18 Mar 2022 19:51

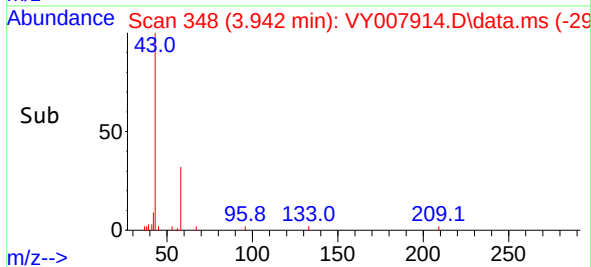
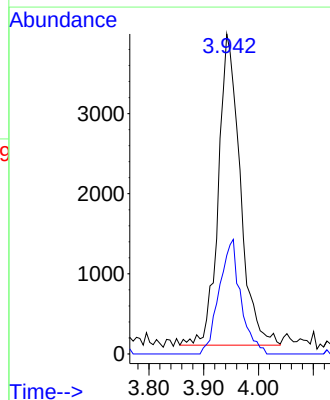
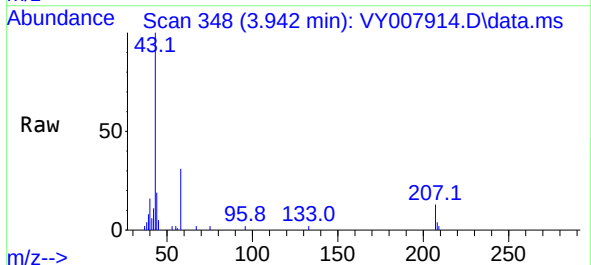
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(20-25)-3-12-22

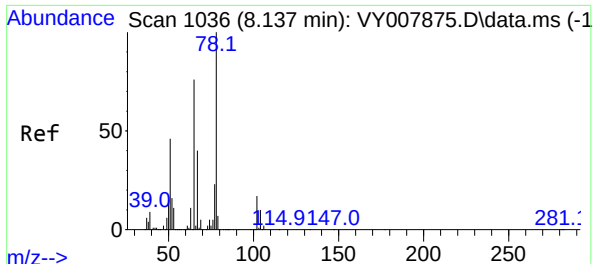
Tgt Ion:168 Resp: 213339
Ion Ratio Lower Upper
168 100
99 59.4 46.9 70.3



#16
Acetone
Concen: 16.685 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007914.D
Acq: 18 Mar 2022 19:51

Tgt Ion: 43 Resp: 10767
Ion Ratio Lower Upper
43 100
58 31.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 57.378 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY007914.D

Acq: 18 Mar 2022 19:51

Instrument :

MSVOA_Y

ClientSampleId :

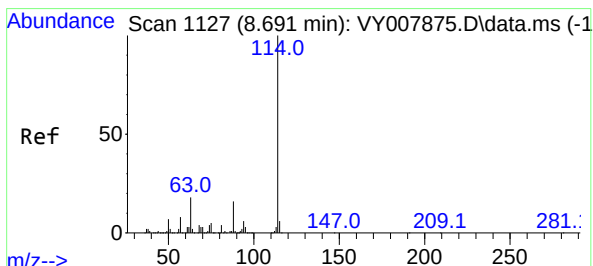
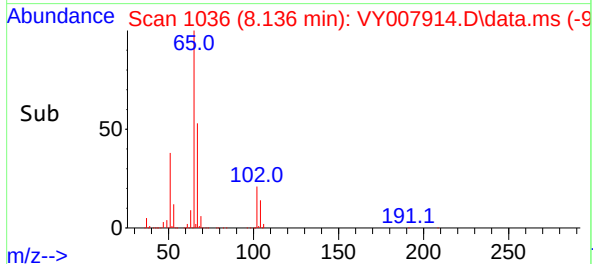
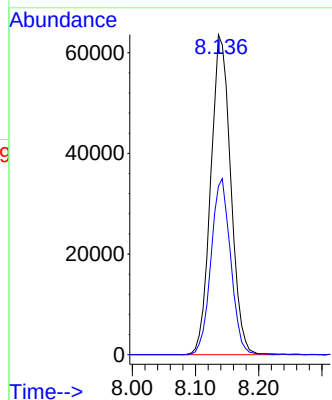
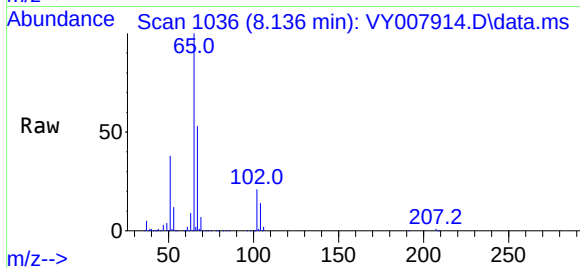
DB-15-(20-25)-3-12-22

Tgt Ion: 65 Resp: 139570

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007914.D

Acq: 18 Mar 2022 19:51

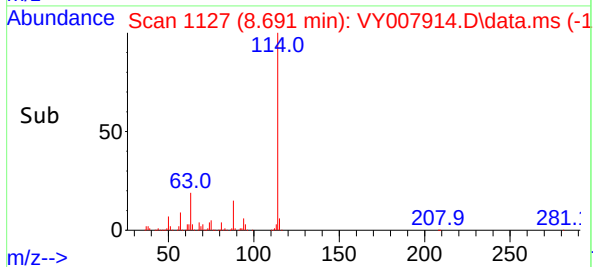
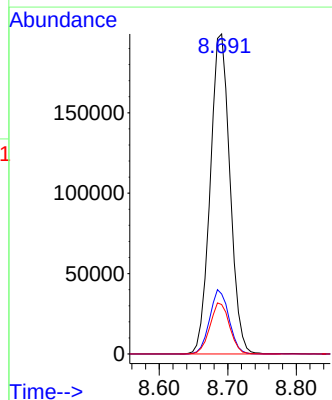
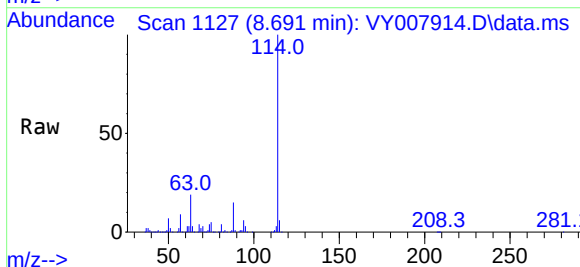
Tgt Ion: 114 Resp: 397693

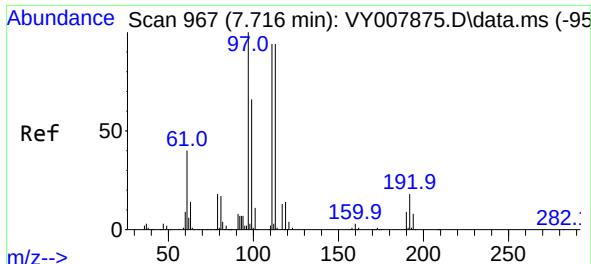
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.5 0.0 31.8

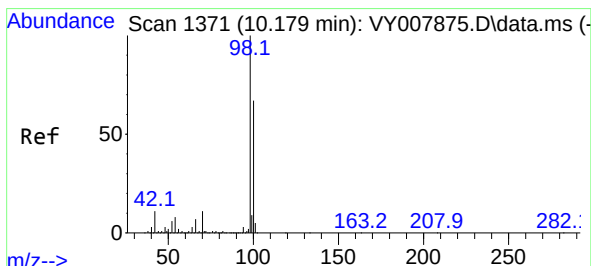
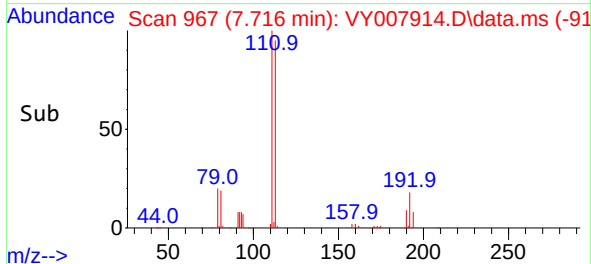
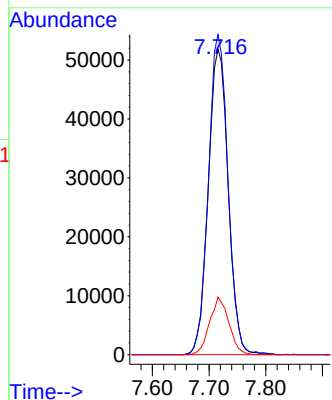
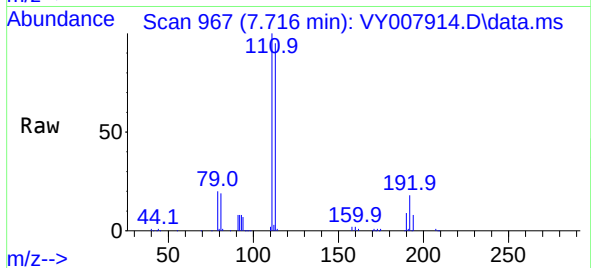




#35
Dibromofluoromethane
Concen: 45.323 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007914.D
Acq: 18 Mar 2022 19:51

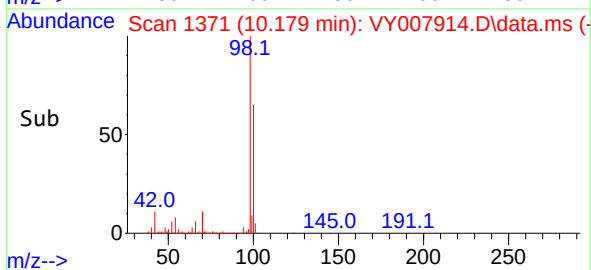
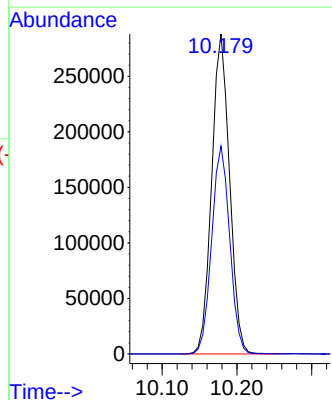
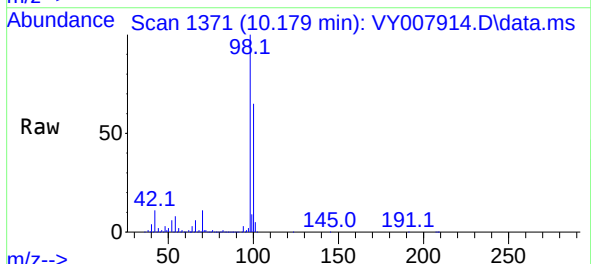
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(20-25)-3-12-22

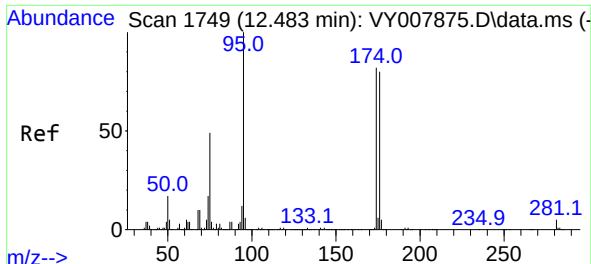
Tgt Ion:113 Resp: 126585
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 18.1 17.6 26.4



#50
Toluene-d8
Concen: 57.609 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007914.D
Acq: 18 Mar 2022 19:51

Tgt Ion: 98 Resp: 478280
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

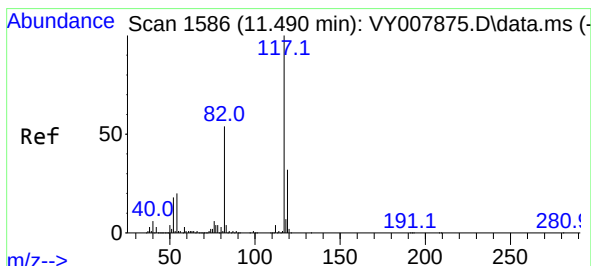
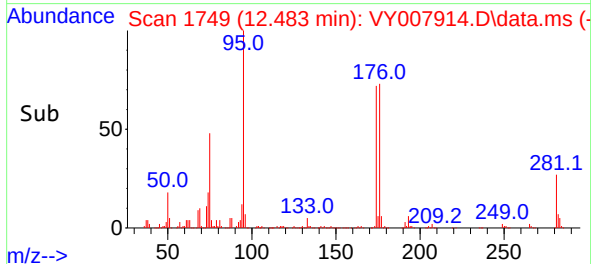
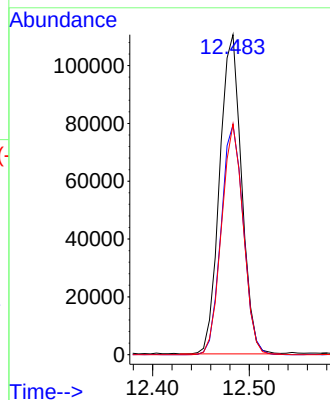
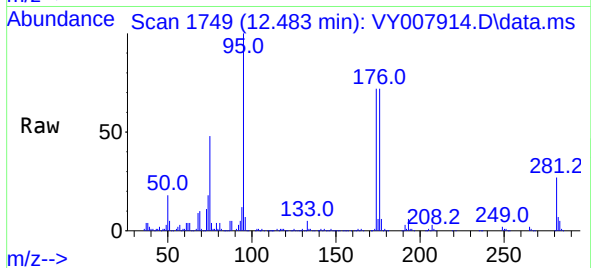




#62
4-Bromofluorobenzene
Concen: 43.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007914.D
Acq: 18 Mar 2022 19:51

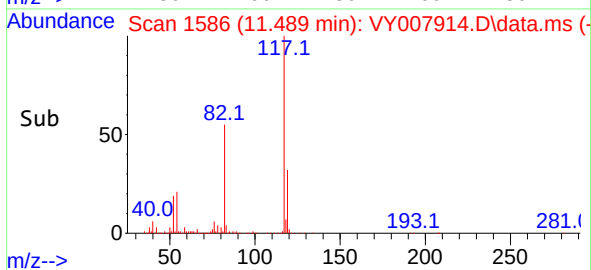
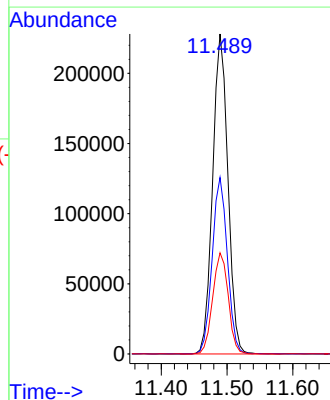
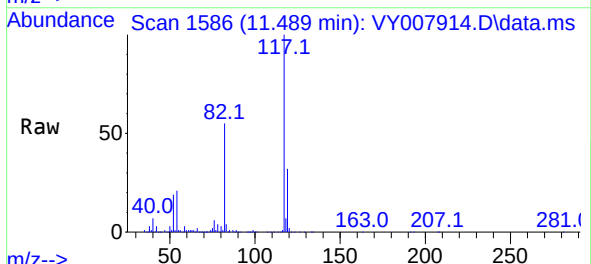
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(20-25)-3-12-22

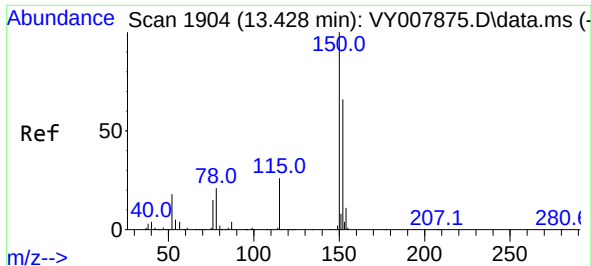
Tgt Ion: 95 Resp: 173487
Ion Ratio Lower Upper
95 100
174 73.0 0.0 177.0
176 71.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007914.D
Acq: 18 Mar 2022 19:51

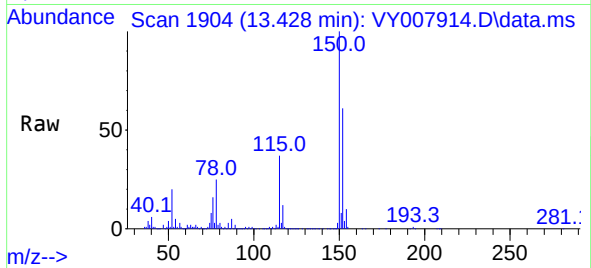
Tgt Ion: 117 Resp: 368128
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007914.D
 Acq: 18 Mar 2022 19:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-15-(20-25)-3-12-22



Tgt Ion:	152	Resp:	156806
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	161.6	0.0	347.6

