

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007948.D
 Acq On : 21 Mar 2022 12:41
 Operator : SY/MD
 Sample : N1951-05RE
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-14-(13-15)-3-12-22RE

Quant Time: Mar 21 16:21:02 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	81525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	137279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	91795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23615	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	38332	41.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.480%
35) Dibromofluoromethane	7.722	113	39697	41.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.360%
50) Toluene-d8	10.179	98	150581	51.978	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.960%
62) 4-Bromofluorobenzene	12.483	95	35258	25.482	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	50.960%

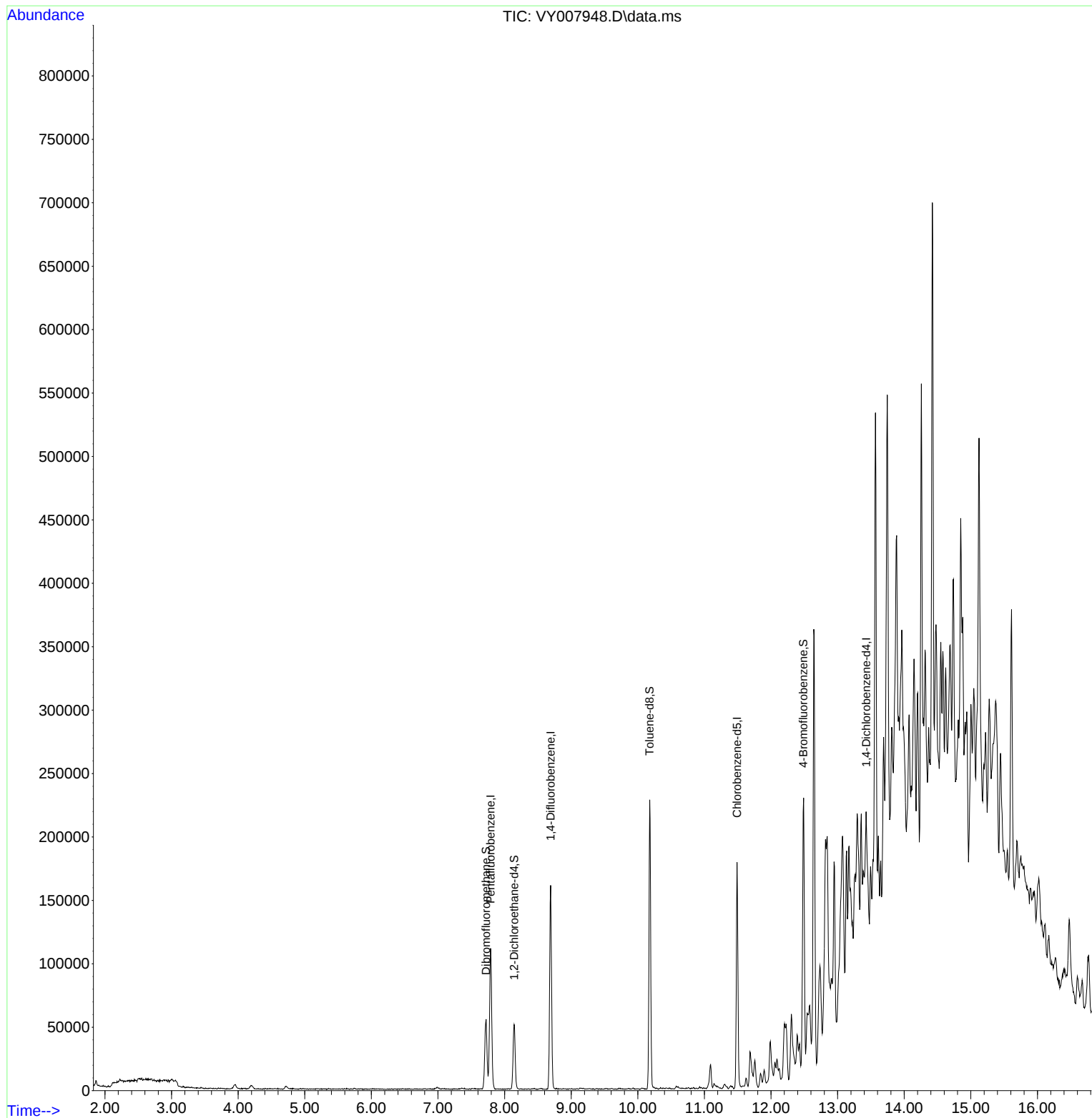
Target Compounds	Qvalue

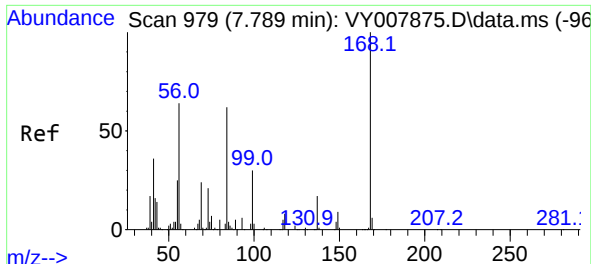
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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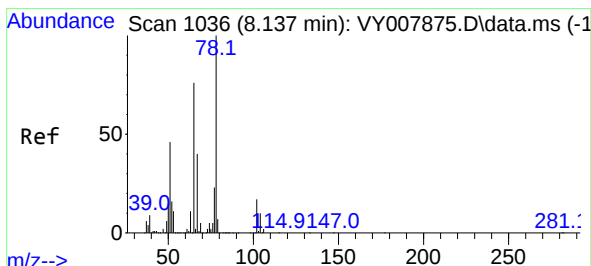
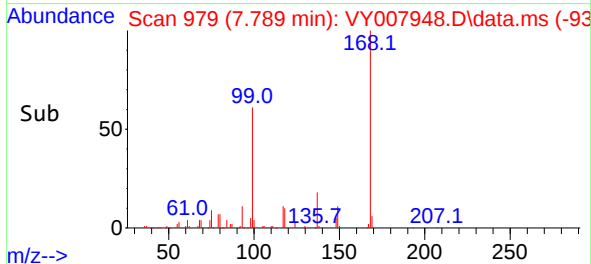
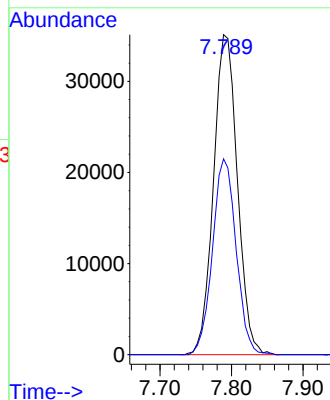
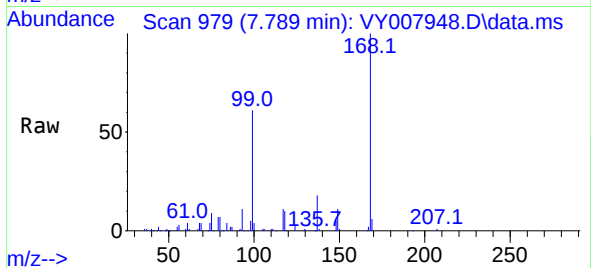




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

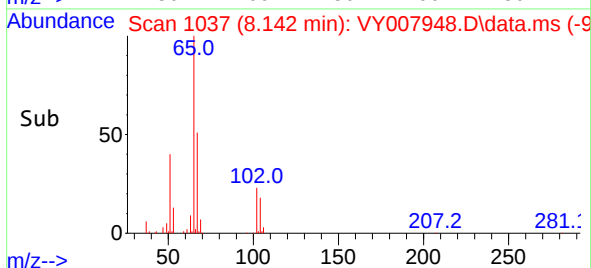
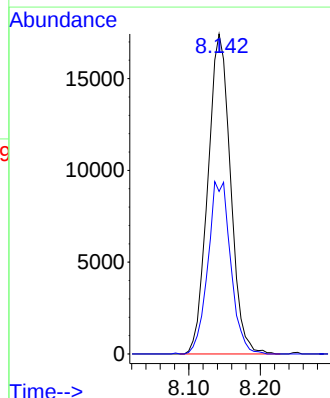
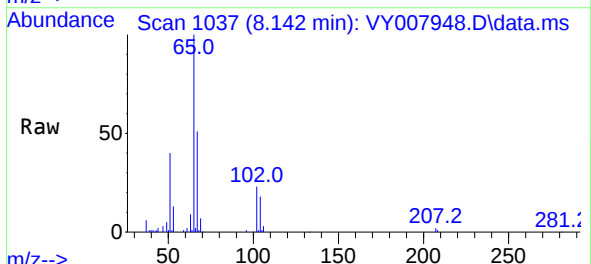
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22RE

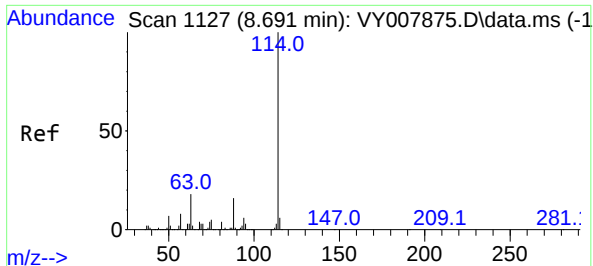
Tgt Ion:168 Resp: 81525
Ion Ratio Lower Upper
168 100
99 61.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 41.238 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 65 Resp: 38332
Ion Ratio Lower Upper
65 100
67 54.2 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: VY007948.D

Acq: 21 Mar 2022 12:41

Instrument :

MSVOA_Y

ClientSampleId :

DB-14-(13-15)-3-12-22RE

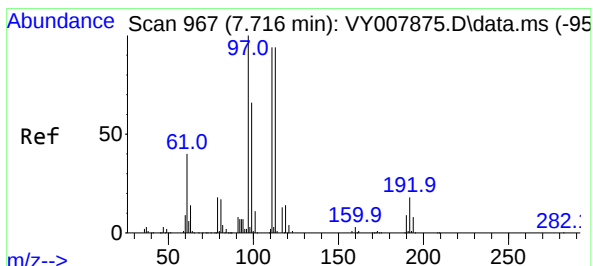
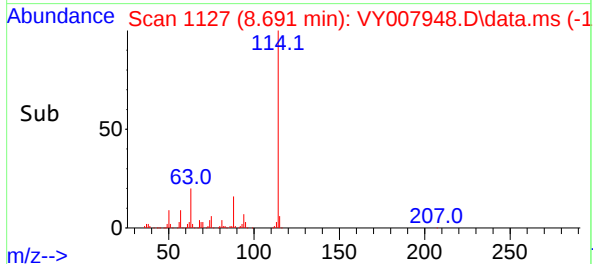
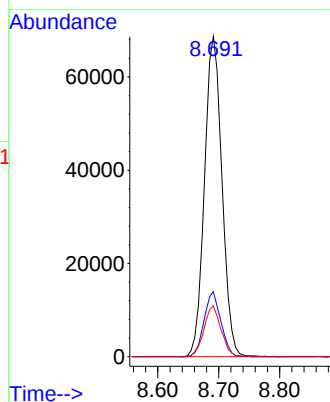
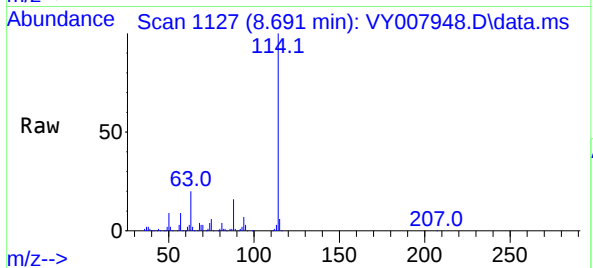
Tgt Ion:114 Resp: 137279

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.175 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007948.D

Acq: 21 Mar 2022 12:41

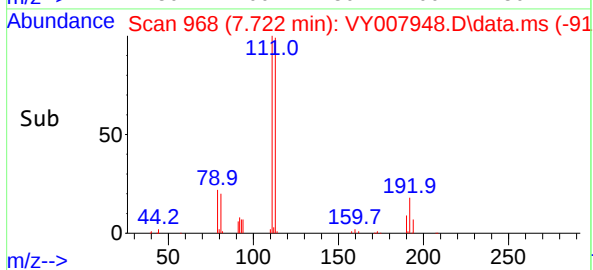
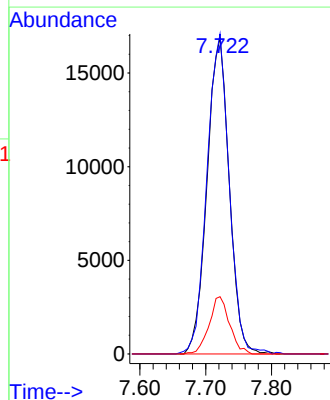
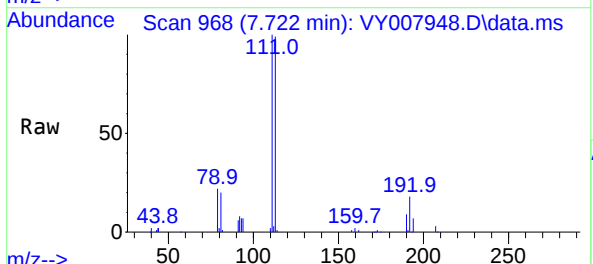
Tgt Ion:113 Resp: 39697

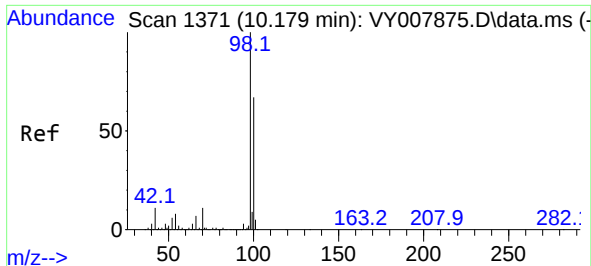
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 16.7 17.6 26.4#

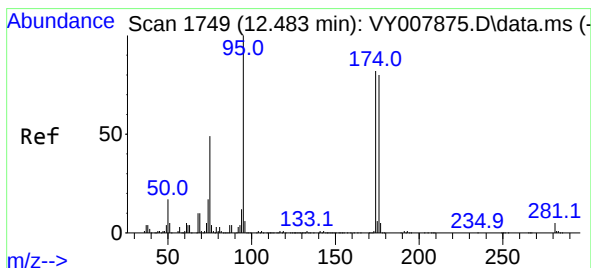
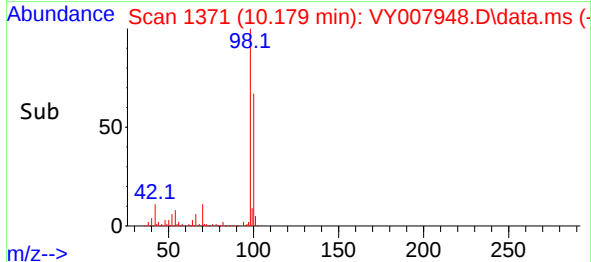
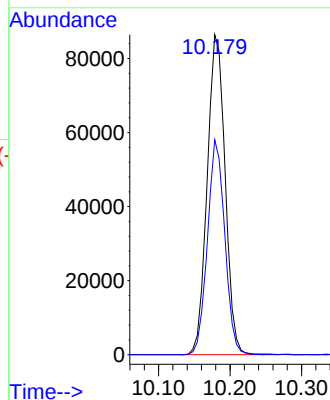
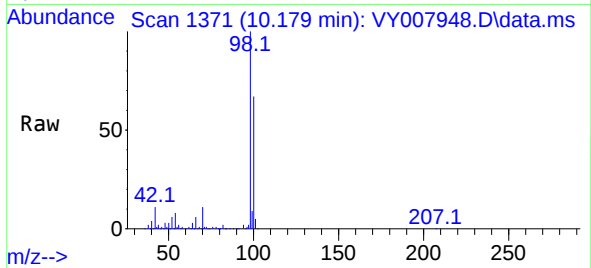




#50
Toluene-d8
Concen: 51.978 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

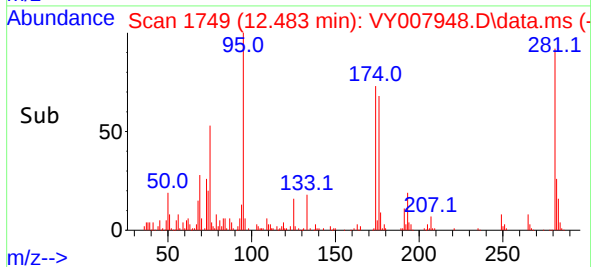
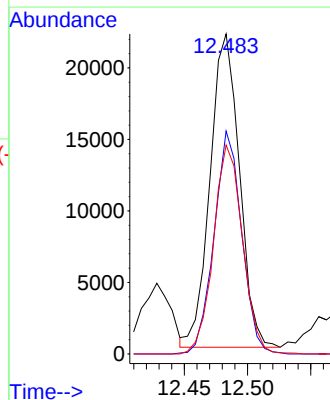
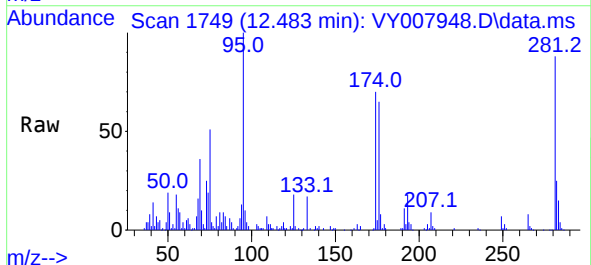
Instrument : MSVOA_Y
ClientSampleId : DB-14-(13-15)-3-12-22RE

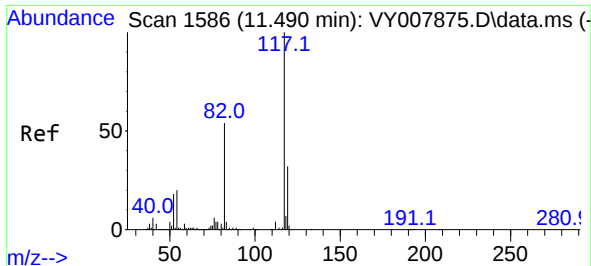
Tgt Ion: 98 Resp: 150581
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 25.482 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 95 Resp: 35258
Ion Ratio Lower Upper
95 100
174 67.1 0.0 177.0
176 66.0 0.0 175.8

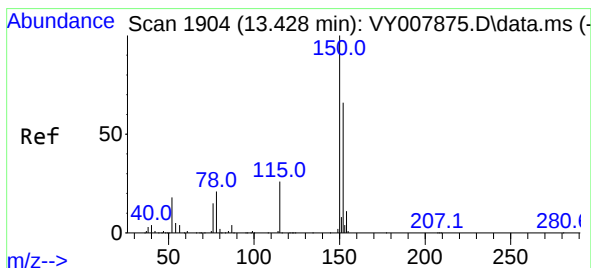
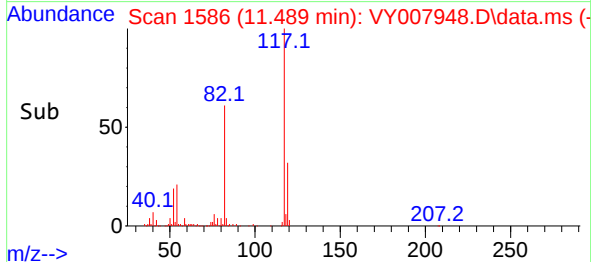
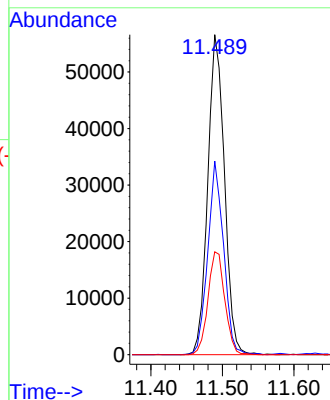
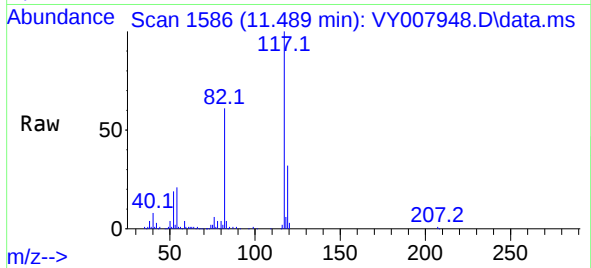




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22RE

Tgt Ion:	117	Resp:	91795
Ion	Ratio	Lower	Upper
117	100		
82	60.5	43.0	64.4
119	32.2	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: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion:	152	Resp:	23615
Ion	Ratio	Lower	Upper
152	100		
115	51.4	28.2	84.7
150	122.6	0.0	347.6

