

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013683.D
 Acq On : 10 May 2023 13:23
 Operator : KP/MD
 Sample : 02690-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-050823RE

Quant Time: May 11 03:26:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	17678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	25163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7351	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	11389	58.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.540%
35) Dibromofluoromethane	7.716	113	9448	59.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.400%
50) Toluene-d8	10.179	98	28402	50.447	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.477	95	7284	38.376	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.760%

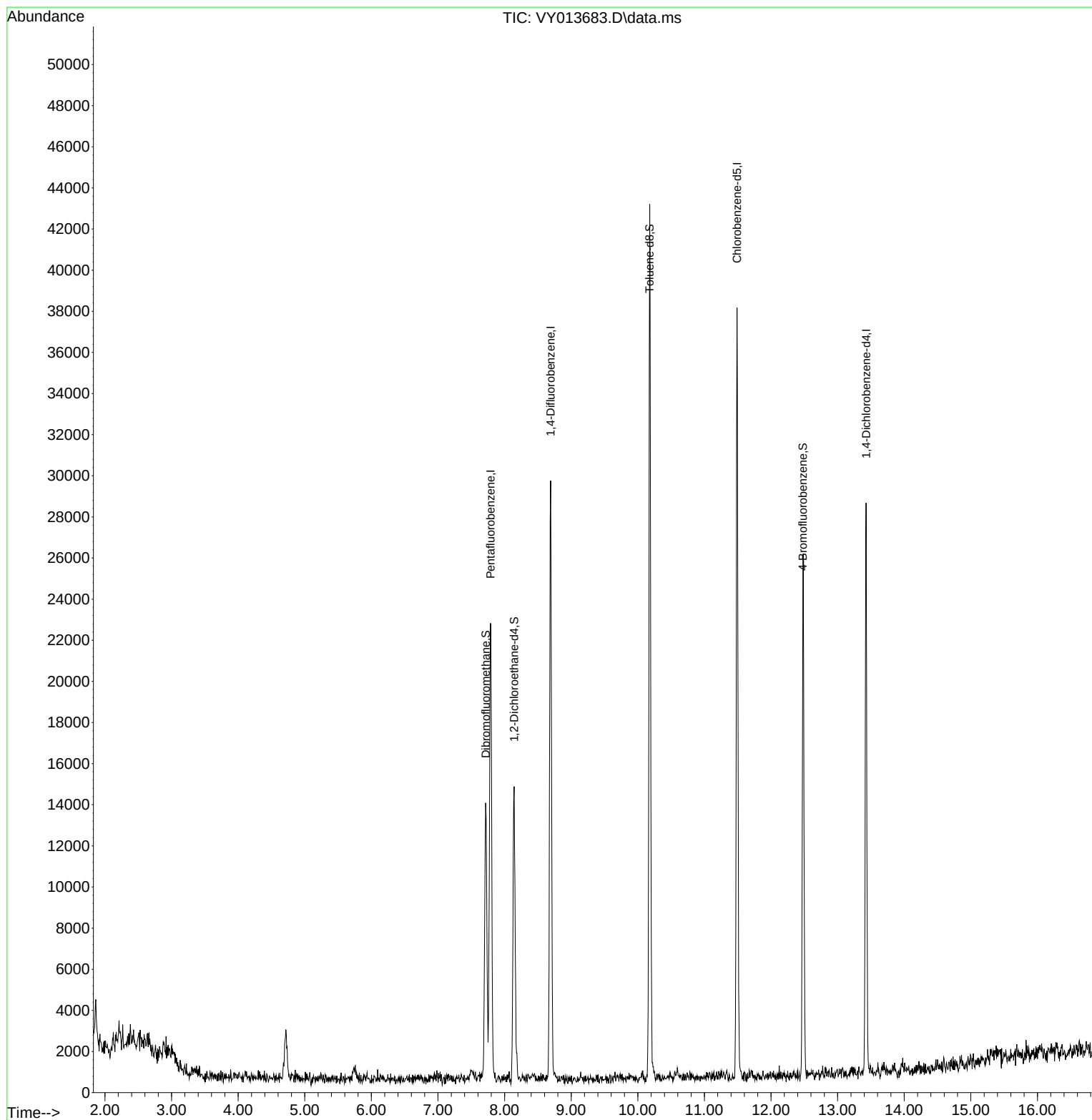
Target Compounds	Qvalue

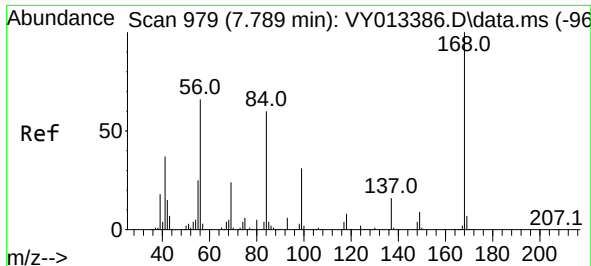
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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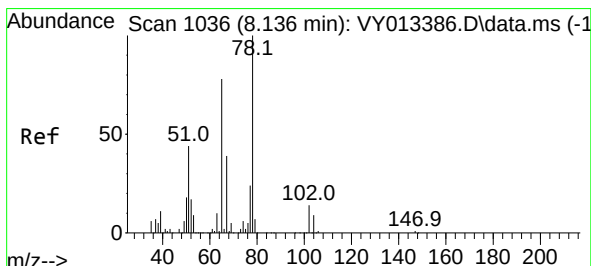
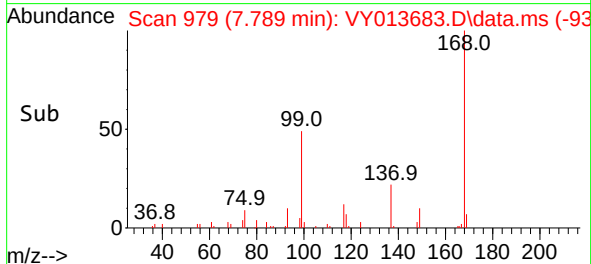
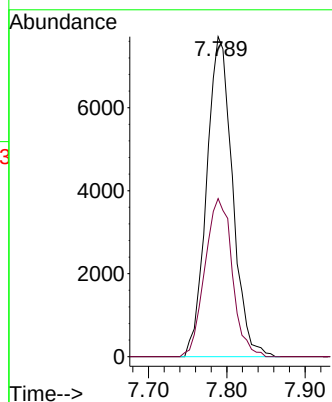
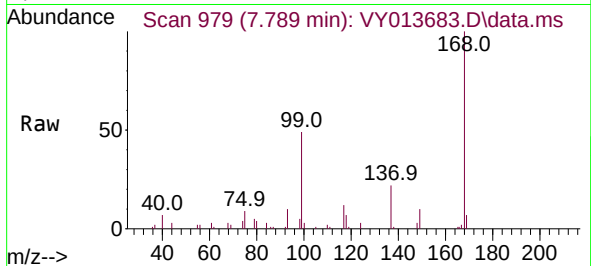




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013683.D
Acq: 10 May 2023 13:23

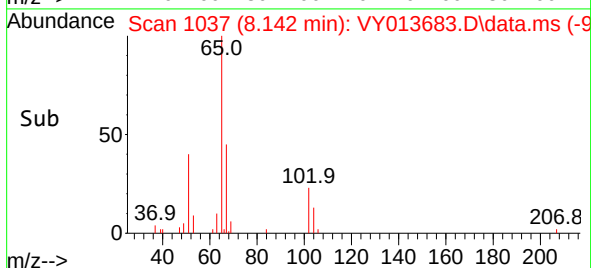
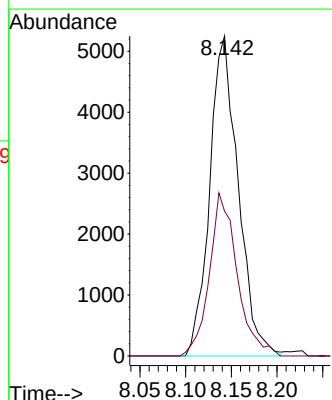
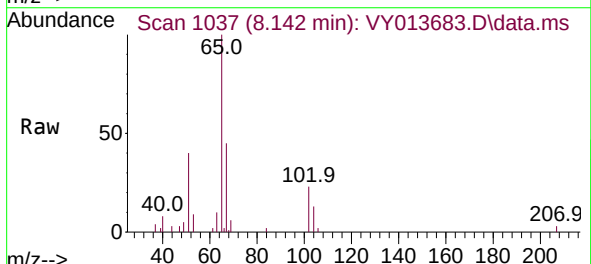
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-050823RE

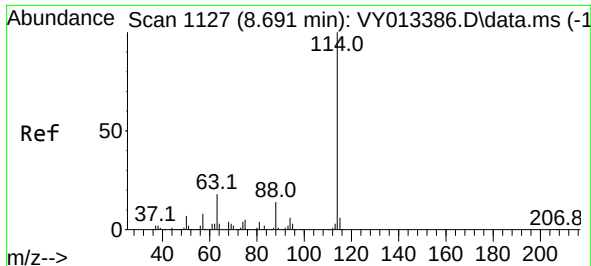
Tgt Ion:168 Resp: 17678
Ion Ratio Lower Upper
168 100
99 49.4 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 58.770 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013683.D
Acq: 10 May 2023 13:23

Tgt Ion: 65 Resp: 11389
Ion Ratio Lower Upper
65 100
67 49.6 0.0 103.4

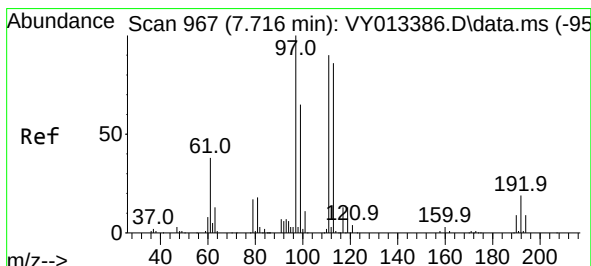
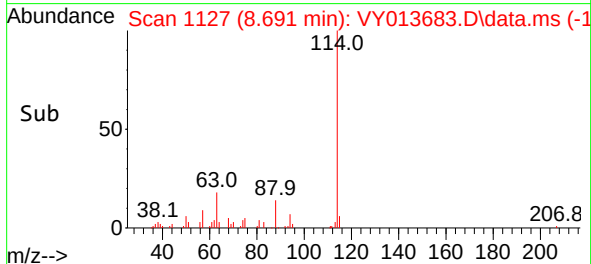
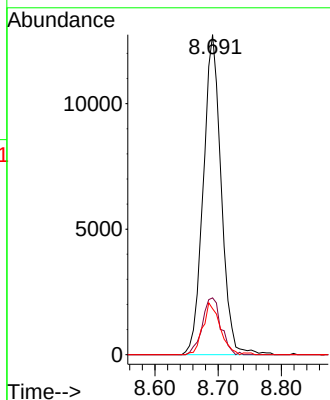
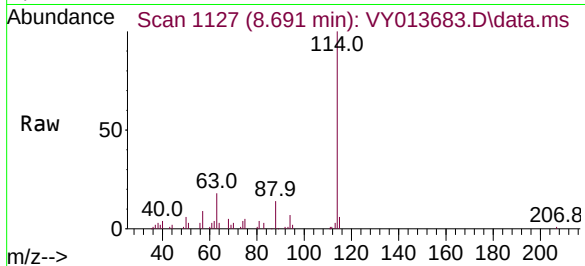




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013683.D
Acq: 10 May 2023 13:23

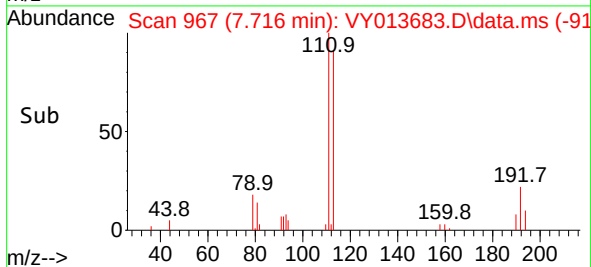
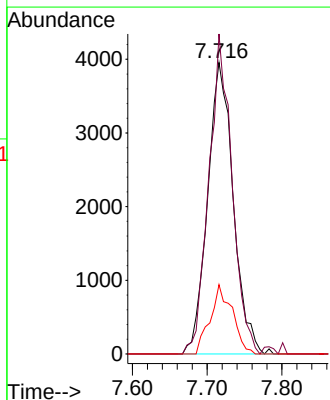
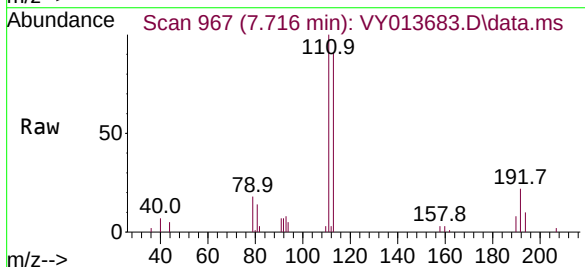
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-050823RE

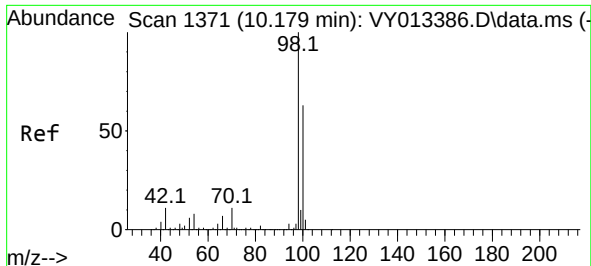
Tgt Ion:	114	Resp:	25163
Ion Ratio	Lower	Upper	
114	100		
63	17.8	0.0	36.6
88	14.4	0.0	28.8



#35
Dibromofluoromethane
Concen: 59.698 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013683.D
Acq: 10 May 2023 13:23

Tgt Ion:	113	Resp:	9448
Ion Ratio	Lower	Upper	
113	100		
111	99.3	82.2	123.2
192	20.5	16.7	25.1

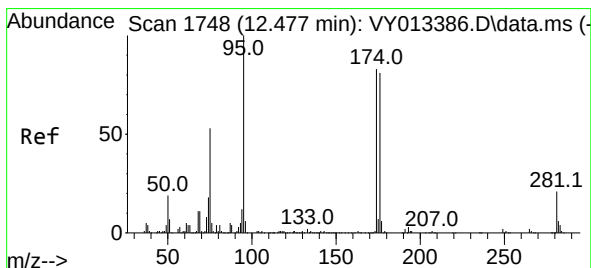
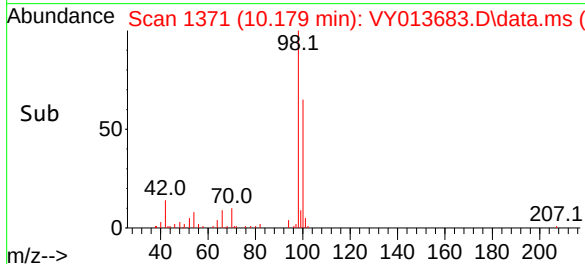
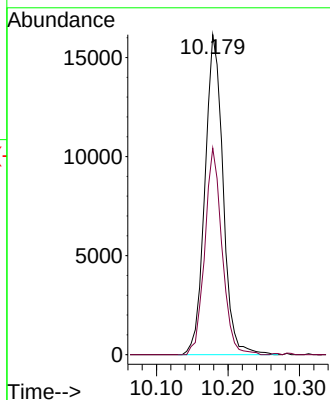
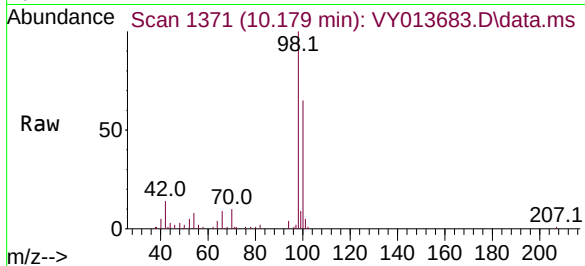




#50
Toluene-d8
Concen: 50.447 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013683.D
Acq: 10 May 2023 13:23

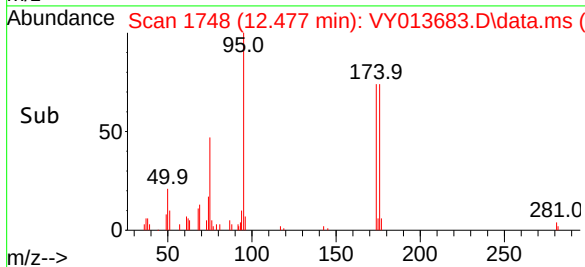
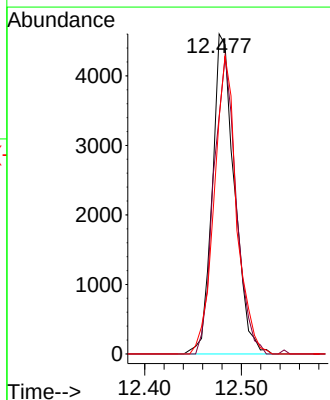
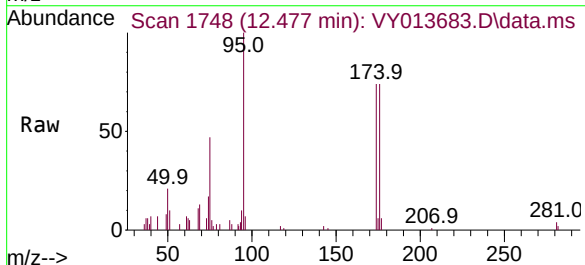
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ClientSampleId :
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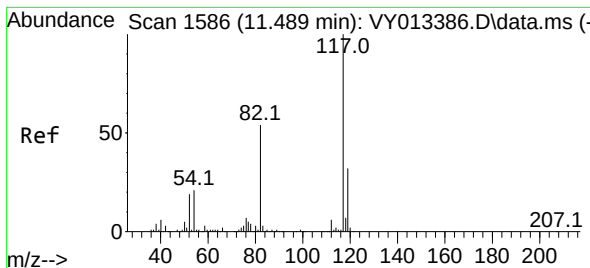
Tgt Ion: 98 Resp: 28402
Ion Ratio Lower Upper
98 100
100 61.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 38.376 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013683.D
Acq: 10 May 2023 13:23

Tgt Ion: 95 Resp: 7284
Ion Ratio Lower Upper
95 100
174 94.9 0.0 182.0
176 94.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013683.D

Acq: 10 May 2023 13:23

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-050823RE

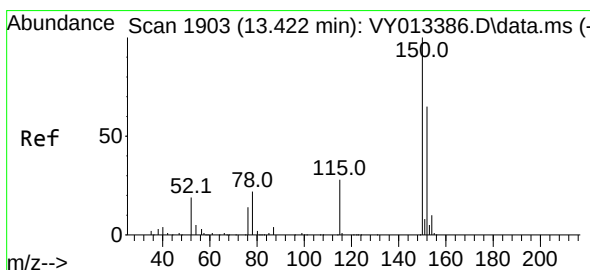
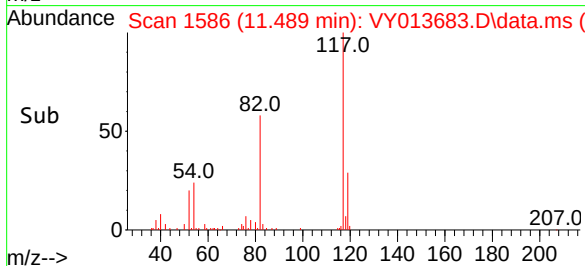
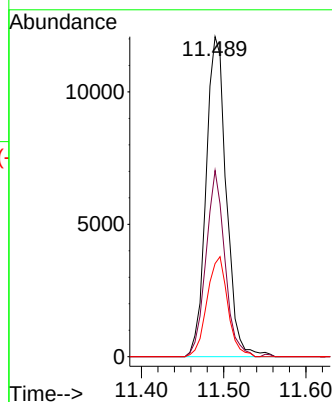
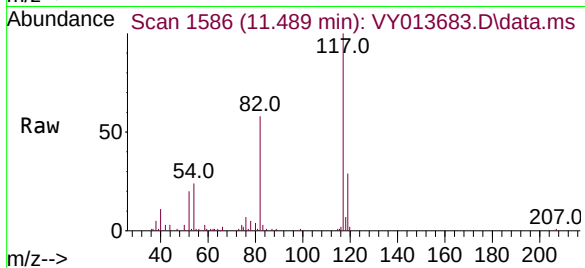
Tgt Ion:117 Resp: 20701

Ion Ratio Lower Upper

117 100

82 58.2 43.0 64.6

119 29.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013683.D

Acq: 10 May 2023 13:23

Tgt Ion:152 Resp: 7351

Ion Ratio Lower Upper

152 100

115 57.7 28.1 84.2

150 152.0 0.0 352.0

