

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013883.D
 Acq On : 25 May 2023 19:07
 Operator : KP/MD
 Sample : 02920-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-400027

Quant Time: May 26 04:35:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

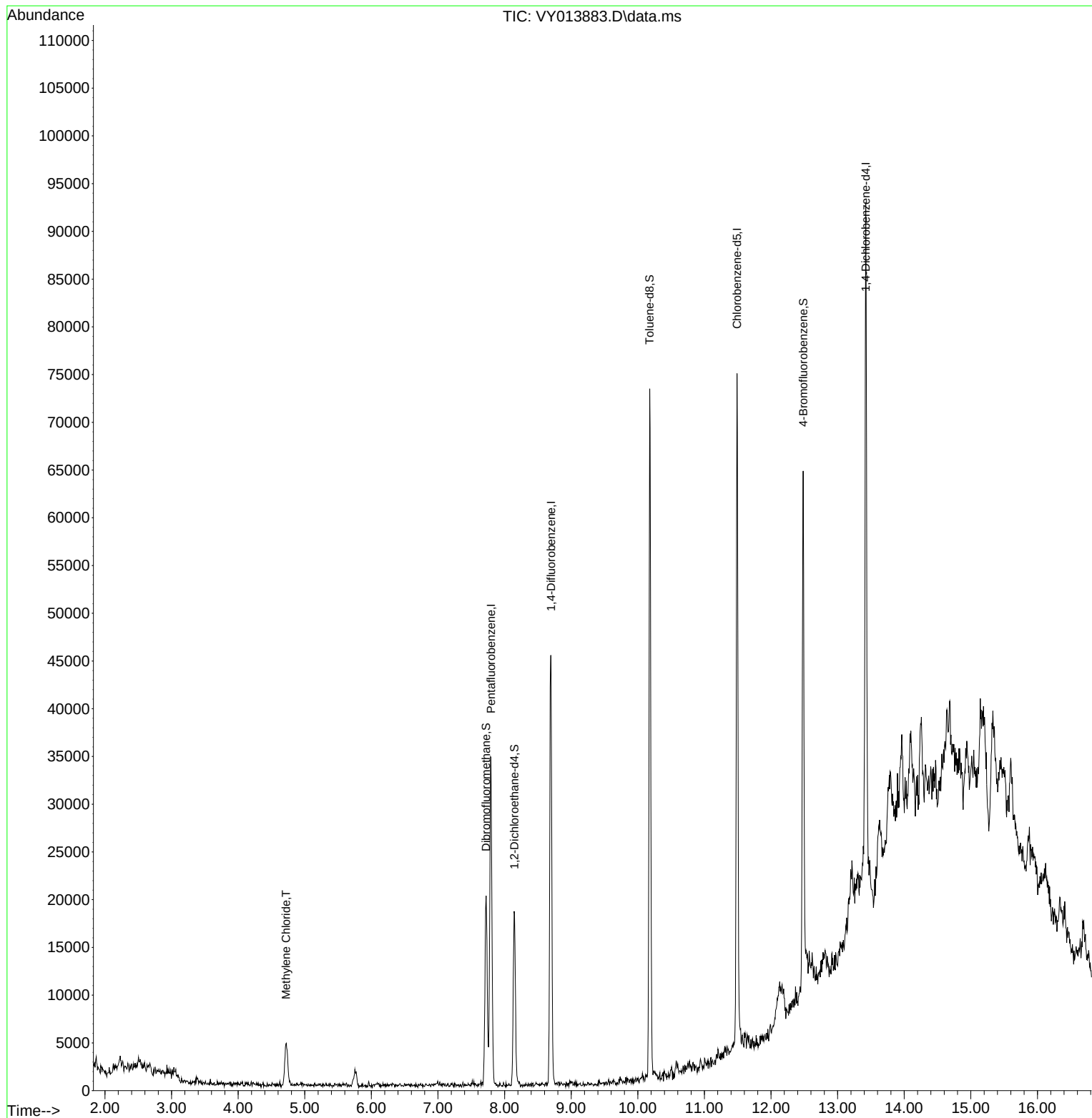
Internal Standards						
1) Pentafluorobenzene	7.795	168	26414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	39013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	36949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	17083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15140	49.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.722	113	13846	54.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.920%
50) Toluene-d8	10.179	98	47487	49.591	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.483	95	16195	50.880	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.760%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	3069	7.378	ug/l	88

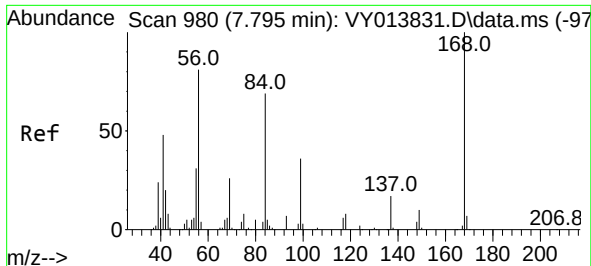
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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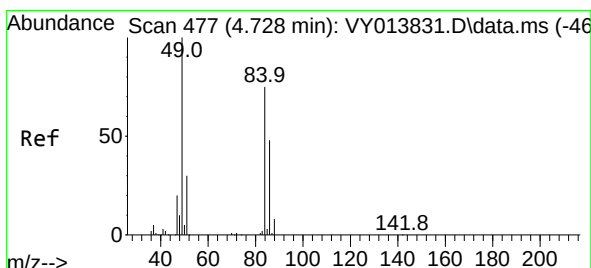
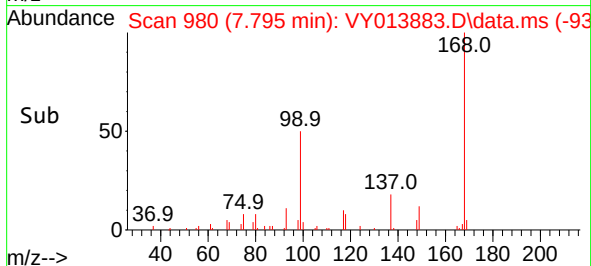
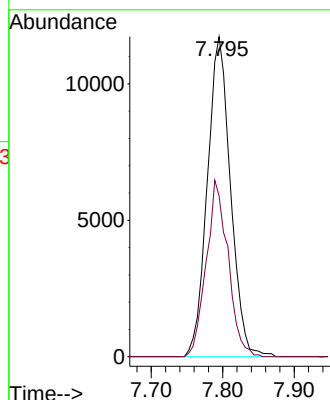
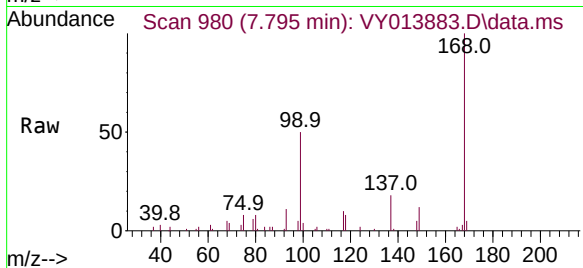




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013883.D
Acq: 25 May 2023 19:07

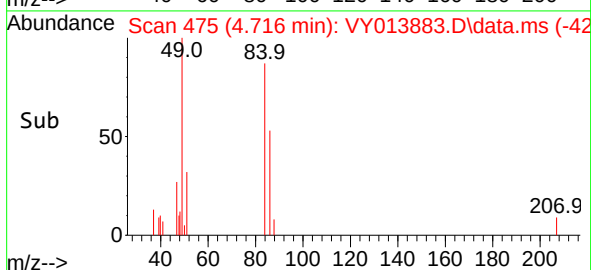
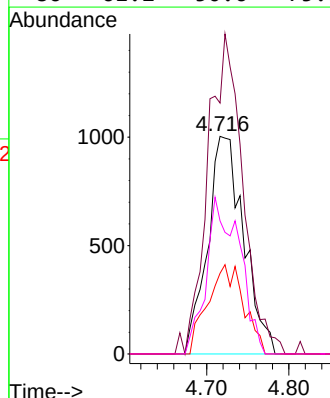
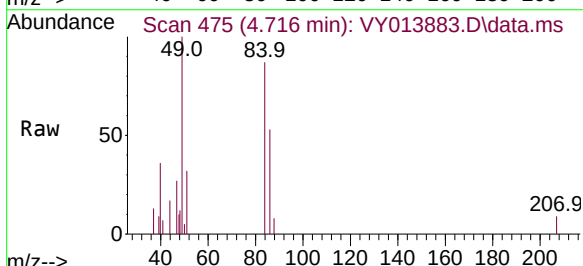
Instrument :
MSVOA_Y
ClientSampleId :
RBR-400027

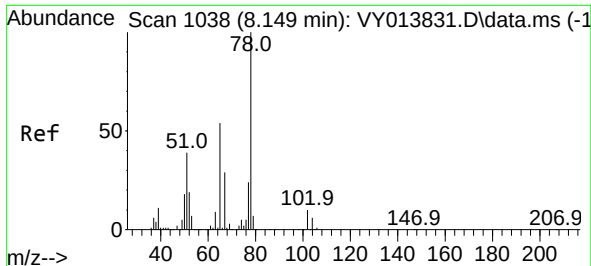
Tgt Ion:168 Resp: 26414
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.2



#20
Methylene Chloride
Concen: 7.378 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013883.D
Acq: 25 May 2023 19:07

Tgt Ion: 84 Resp: 3069
Ion Ratio Lower Upper
84 100
49 109.7 106.2 159.2
51 37.1 31.4 47.0
86 61.2 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 49.544 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY013883.D

Acq: 25 May 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

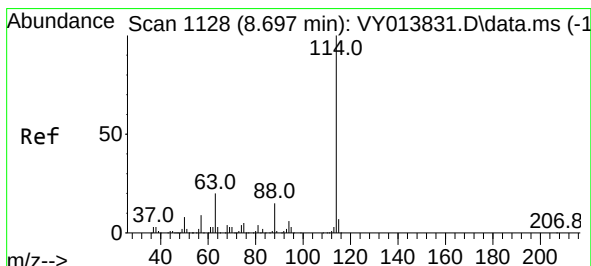
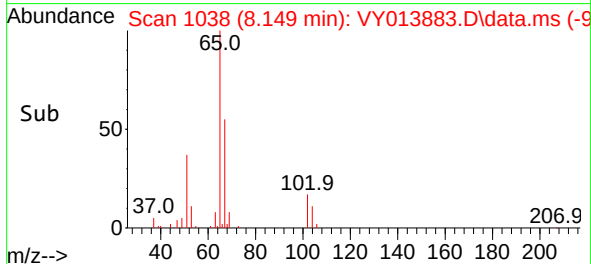
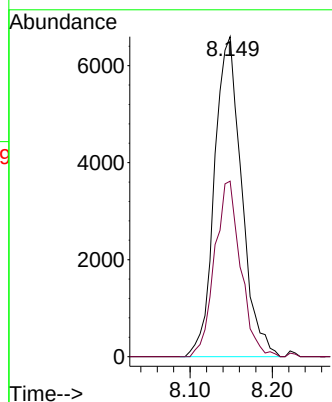
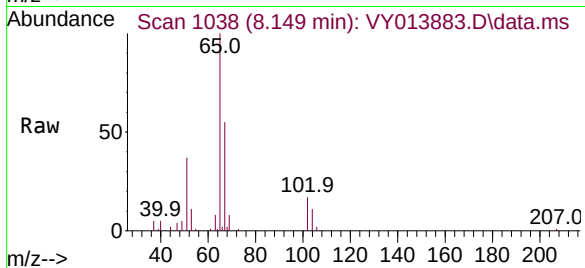
RBR-400027

Tgt Ion: 65 Resp: 15140

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY013883.D

Acq: 25 May 2023 19:07

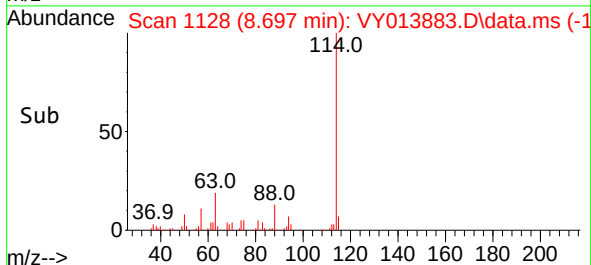
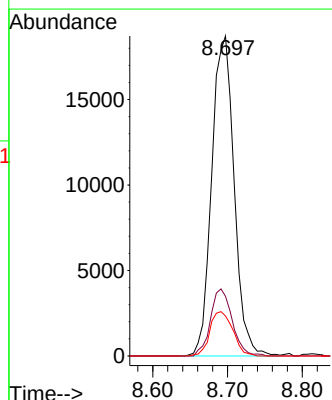
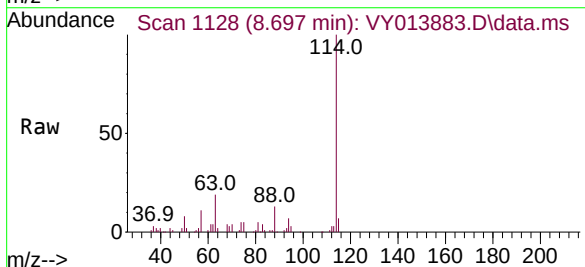
Tgt Ion: 114 Resp: 39013

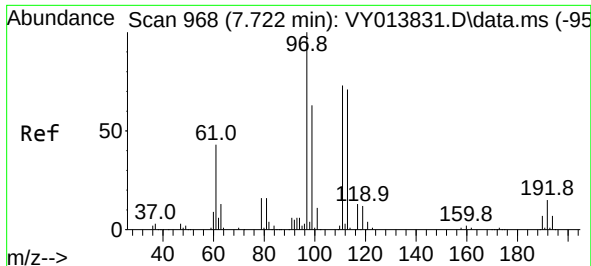
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.2

88 12.5 0.0 30.0

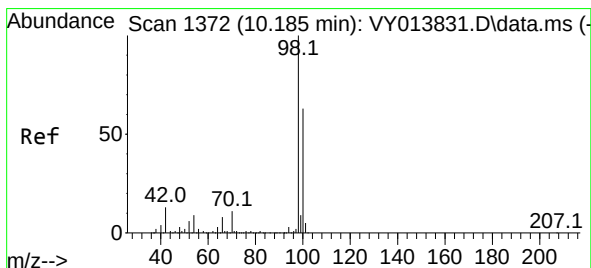
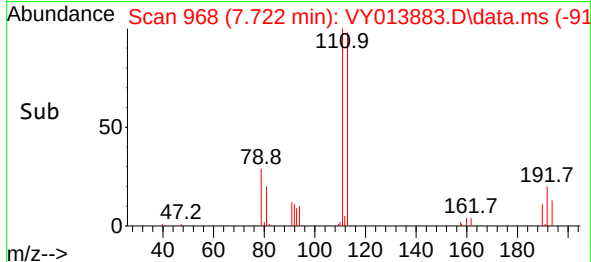
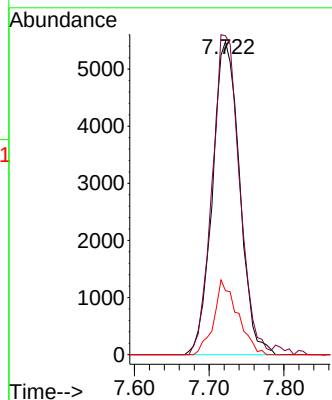
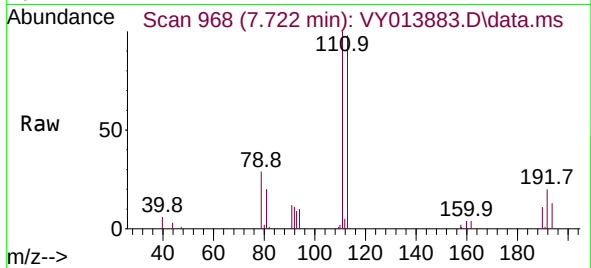




#35
Dibromofluoromethane
Concen: 54.956 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013883.D
Acq: 25 May 2023 19:07

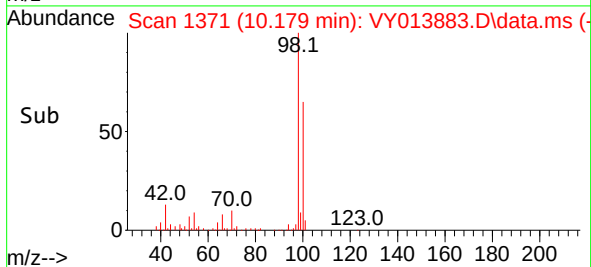
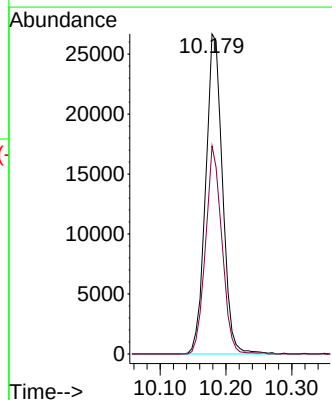
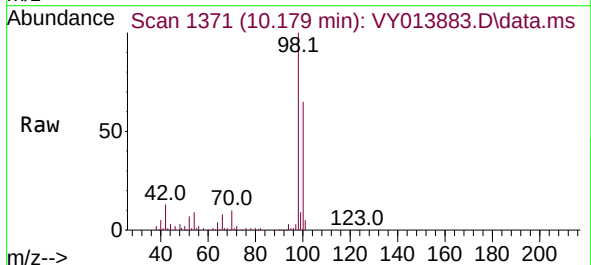
Instrument :
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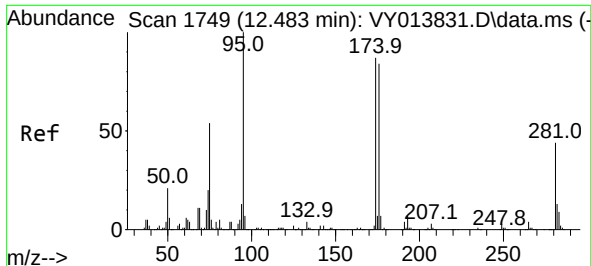
Tgt Ion:113 Resp: 13846
Ion Ratio Lower Upper
113 100
111 103.0 80.4 120.6
192 20.9 16.6 25.0



#50
Toluene-d8
Concen: 49.591 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013883.D
Acq: 25 May 2023 19:07

Tgt Ion: 98 Resp: 47487
Ion Ratio Lower Upper
98 100
100 63.0 50.8 76.2

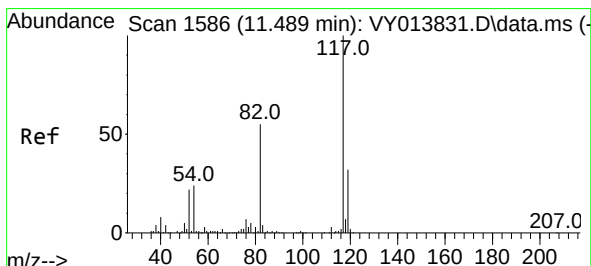
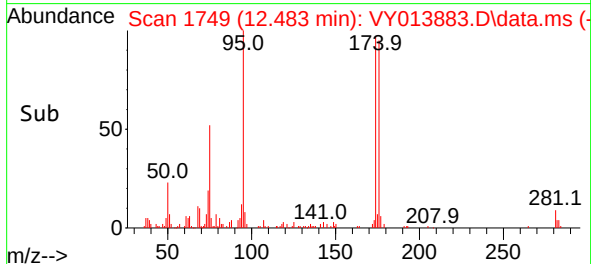
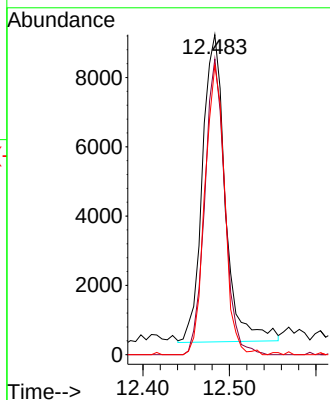
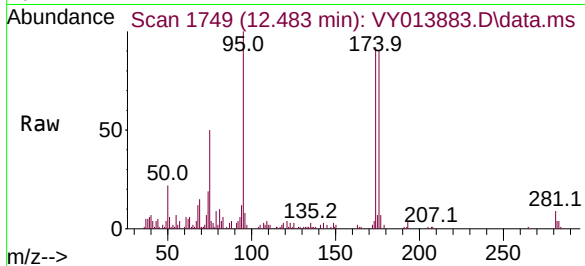




#62
4-Bromofluorobenzene
Concen: 50.880 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013883.D
Acq: 25 May 2023 19:07

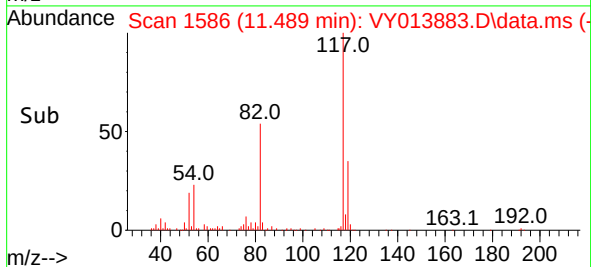
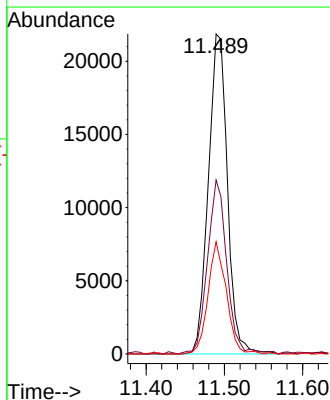
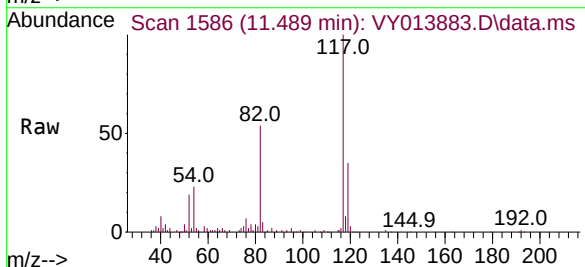
Instrument :
MSVOA_Y
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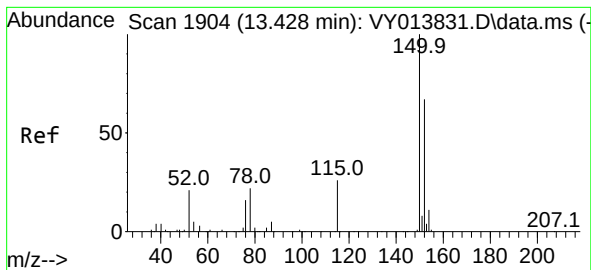
Tgt Ion: 95 Resp: 16195
Ion Ratio Lower Upper
95 100
174 84.9 0.0 176.0
176 81.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013883.D
Acq: 25 May 2023 19:07

Tgt Ion: 117 Resp: 36949
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.4
119 35.0 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013883.D
 Acq: 25 May 2023 19:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-400027

Tgt Ion:152 Resp: 17083
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.8 86.5
 150 150.0 0.0 353.4

