

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013250.D
 Acq On : 11 Apr 2023 18:10
 Operator : KP/MD
 Sample : 02269-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20424

Quant Time: Apr 12 01:37:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

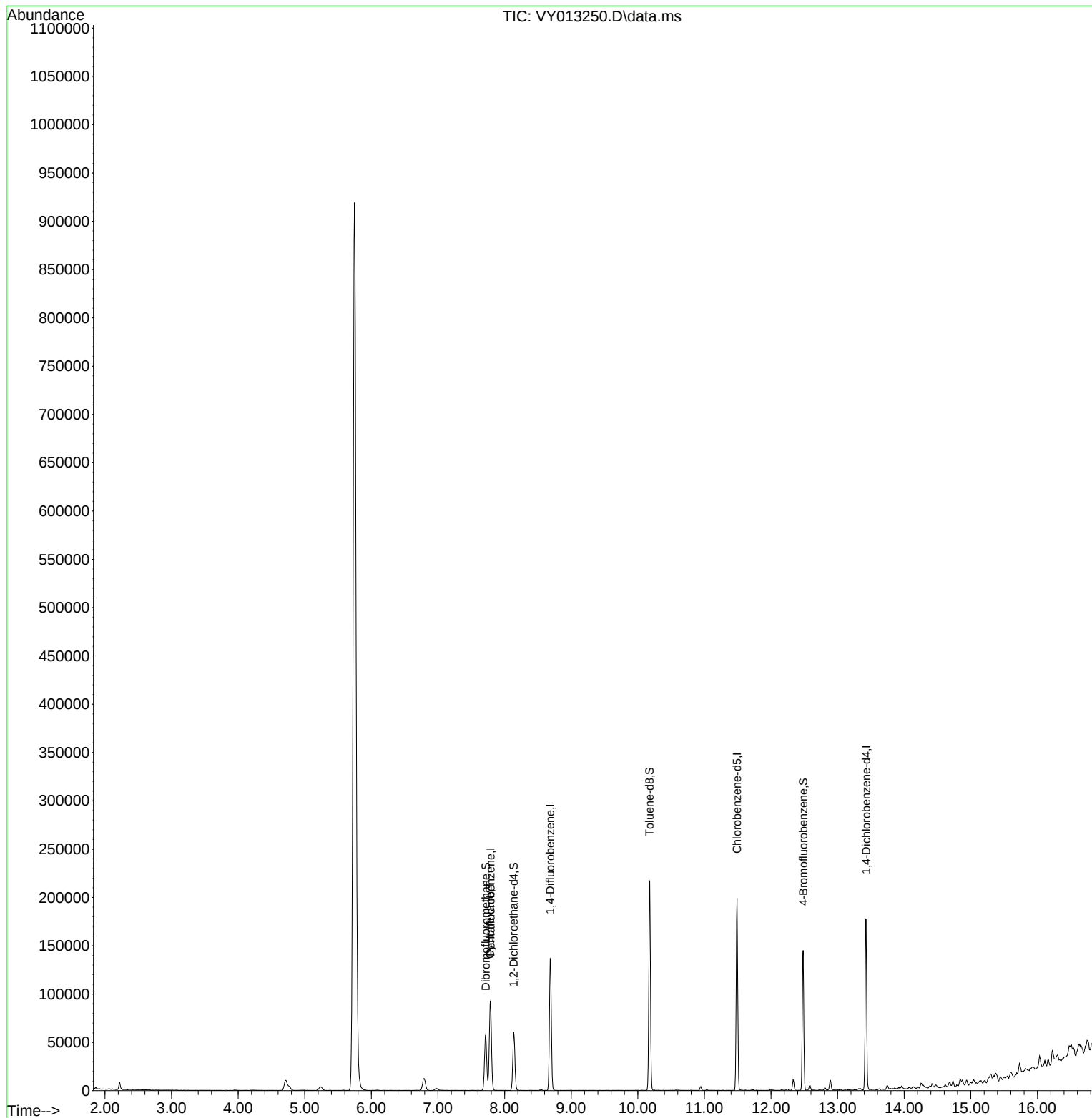
Internal Standards						
1) Pentafluorobenzene	7.789	168	66513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	112515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	100804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46732	62.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.960%
35) Dibromofluoromethane	7.716	113	38928	57.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.760%
50) Toluene-d8	10.179	98	136248	57.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.720%
62) 4-Bromofluorobenzene	12.483	95	41316	49.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.280%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.783	56	4219	4.437	ug/l #	70

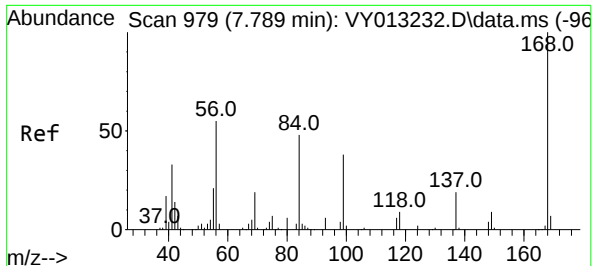
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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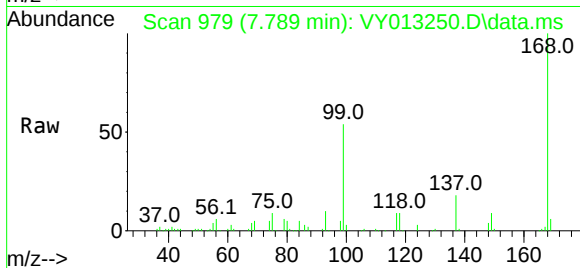
Quant Time: Apr 12 01:37:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
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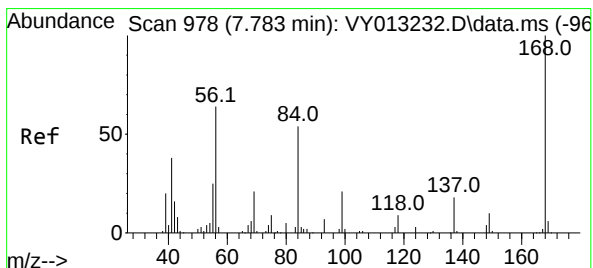
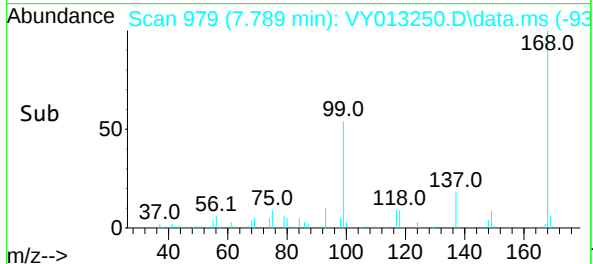
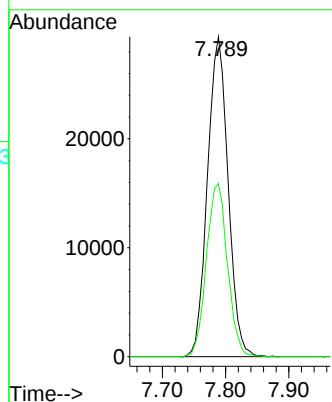


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20424

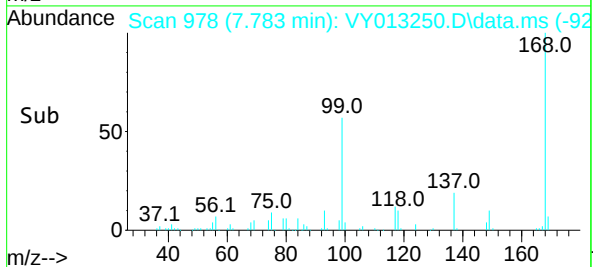
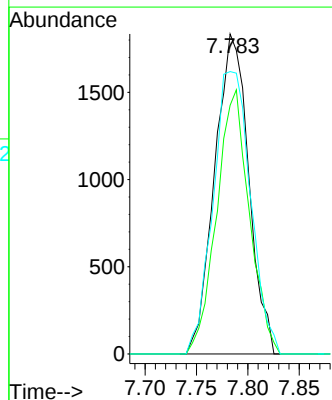
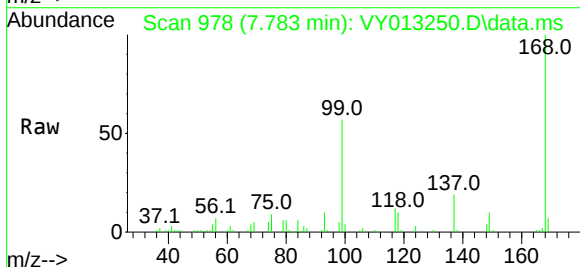


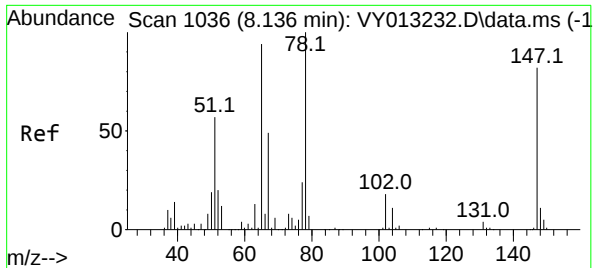
Tgt Ion:168 Resp: 66513
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#31
Cyclohexane
Concen: 4.437 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Tgt Ion: 56 Resp: 4219
Ion Ratio Lower Upper
56 100
69 77.7 25.7 38.5#
84 88.2 64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 62.479 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY013250.D

Acq: 11 Apr 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

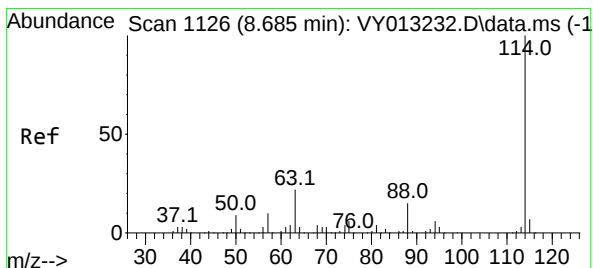
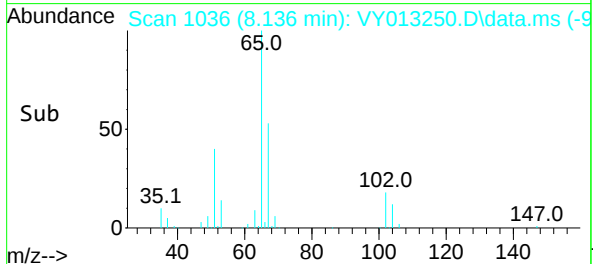
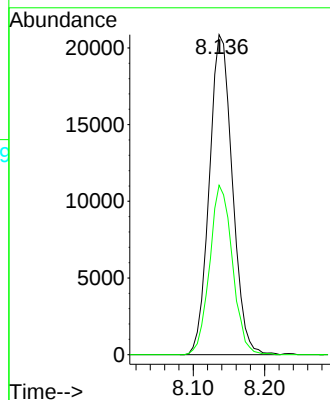
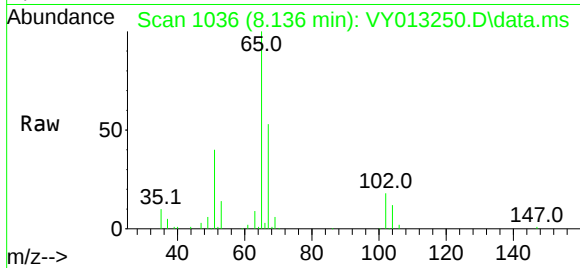
CHRT-20424

Tgt Ion: 65 Resp: 46732

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013250.D

Acq: 11 Apr 2023 18:10

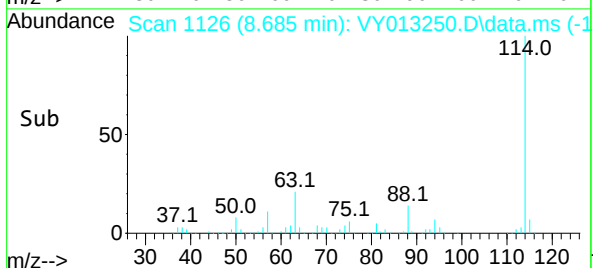
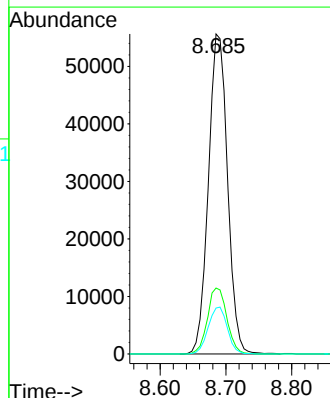
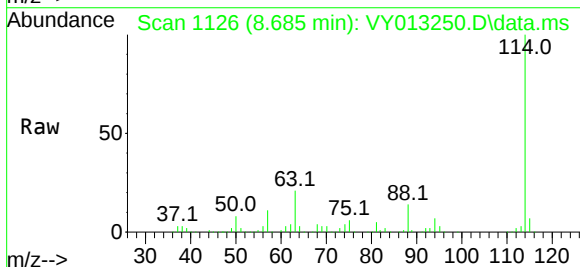
Tgt Ion: 114 Resp: 112515

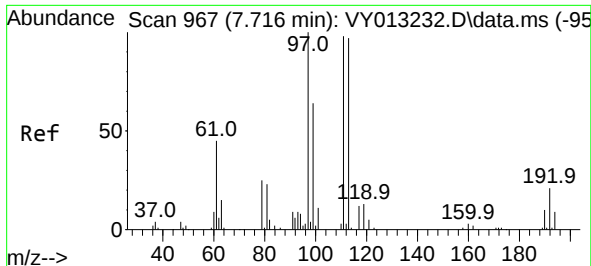
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 14.3 0.0 28.6

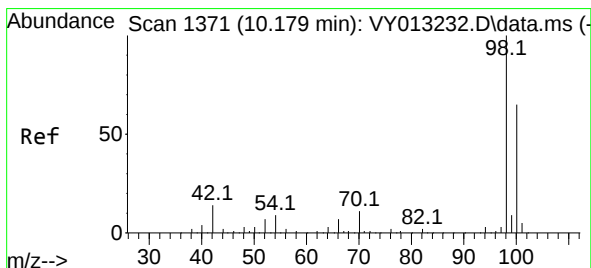
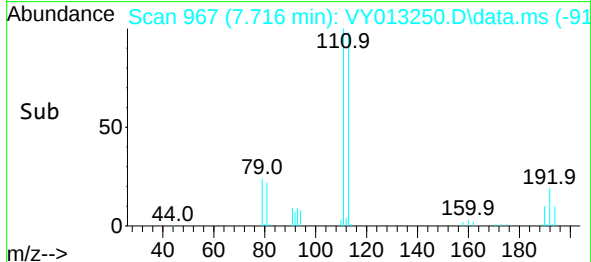
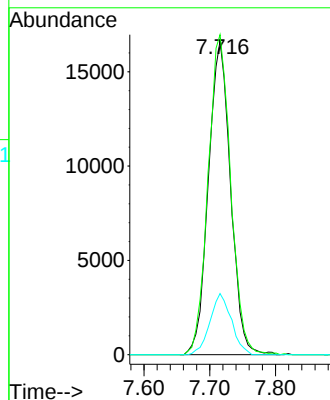
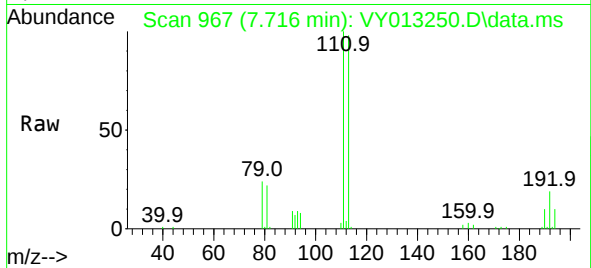




#35
Dibromofluoromethane
Concen: 57.880 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

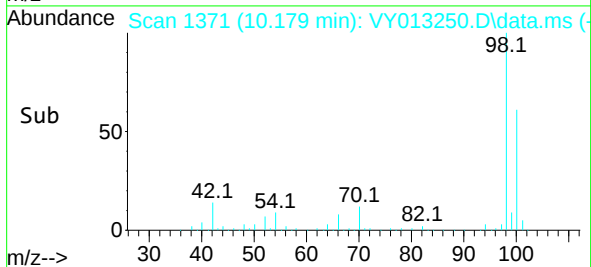
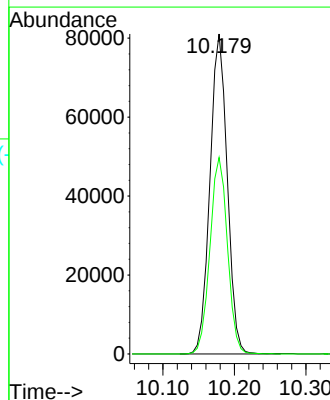
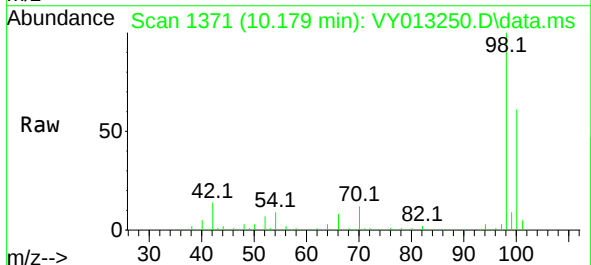
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20424

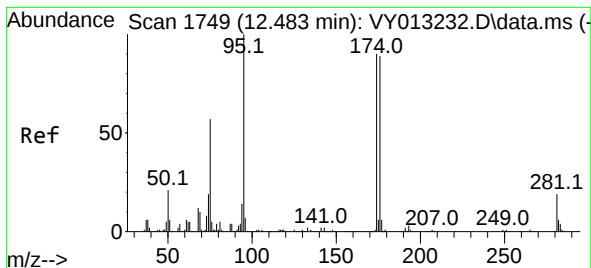
Tgt Ion:113 Resp: 38928
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 18.9 16.8 25.2



#50
Toluene-d8
Concen: 57.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Tgt Ion: 98 Resp: 136248
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3

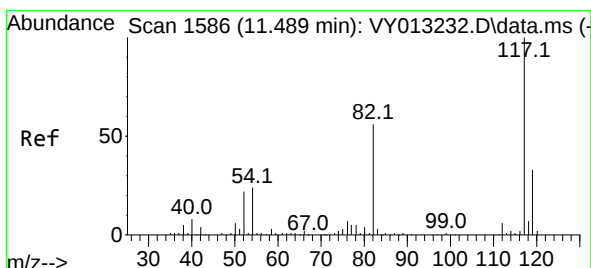
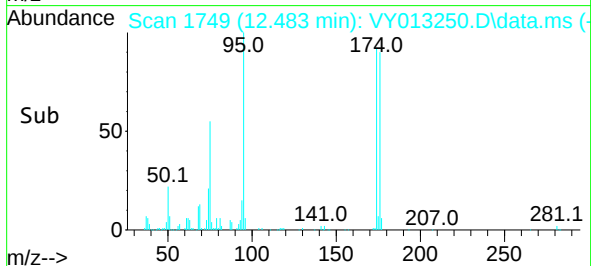
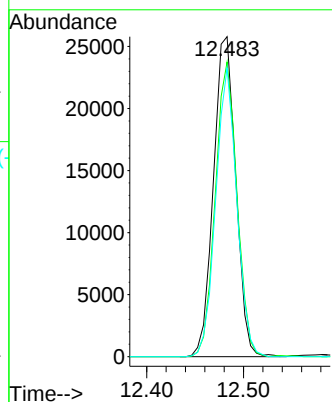
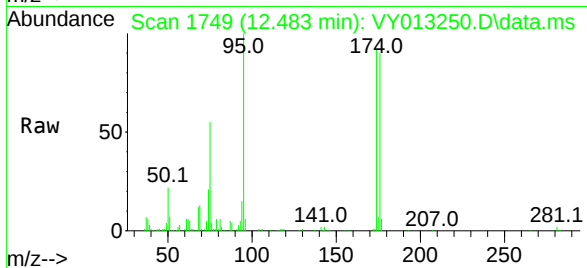




#62
4-Bromofluorobenzene
Concen: 49.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

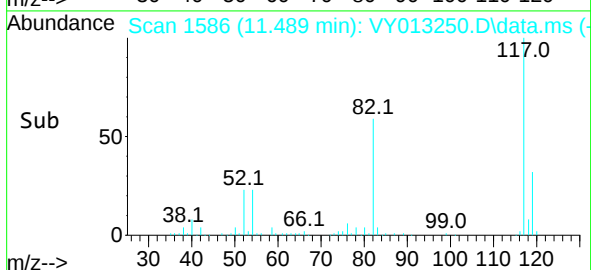
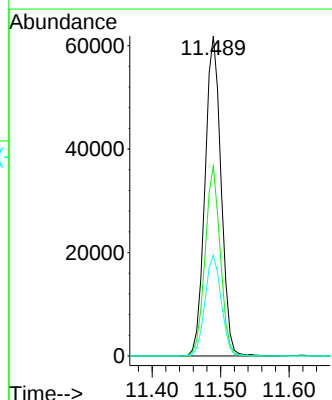
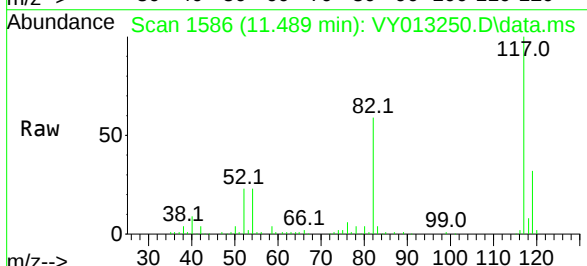
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20424

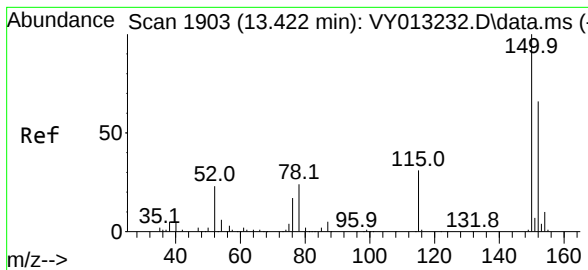
Tgt Ion: 95 Resp: 41316
Ion Ratio Lower Upper
95 100
174 89.4 0.0 176.6
176 84.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

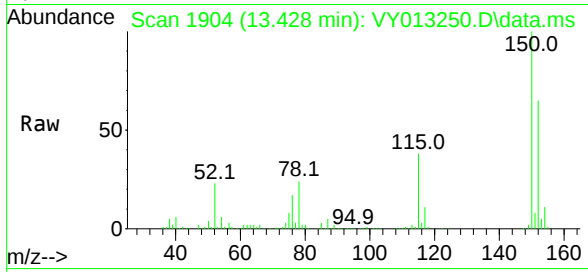
Tgt Ion: 117 Resp: 100804
Ion Ratio Lower Upper
117 100
82 59.2 45.4 68.0
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY013250.D
 Acq: 11 Apr 2023 18:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20424



Tgt Ion:	152	Resp:	44095
Ion Ratio	Lower	Upper	
152	100		
115	58.3	27.1	81.3
150	157.4	0.0	347.8

