

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015670.D
 Acq On : 21 Sep 2023 12:29
 Operator : SY/MD
 Sample : 04499-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20001

Quant Time: Sep 21 13:00:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

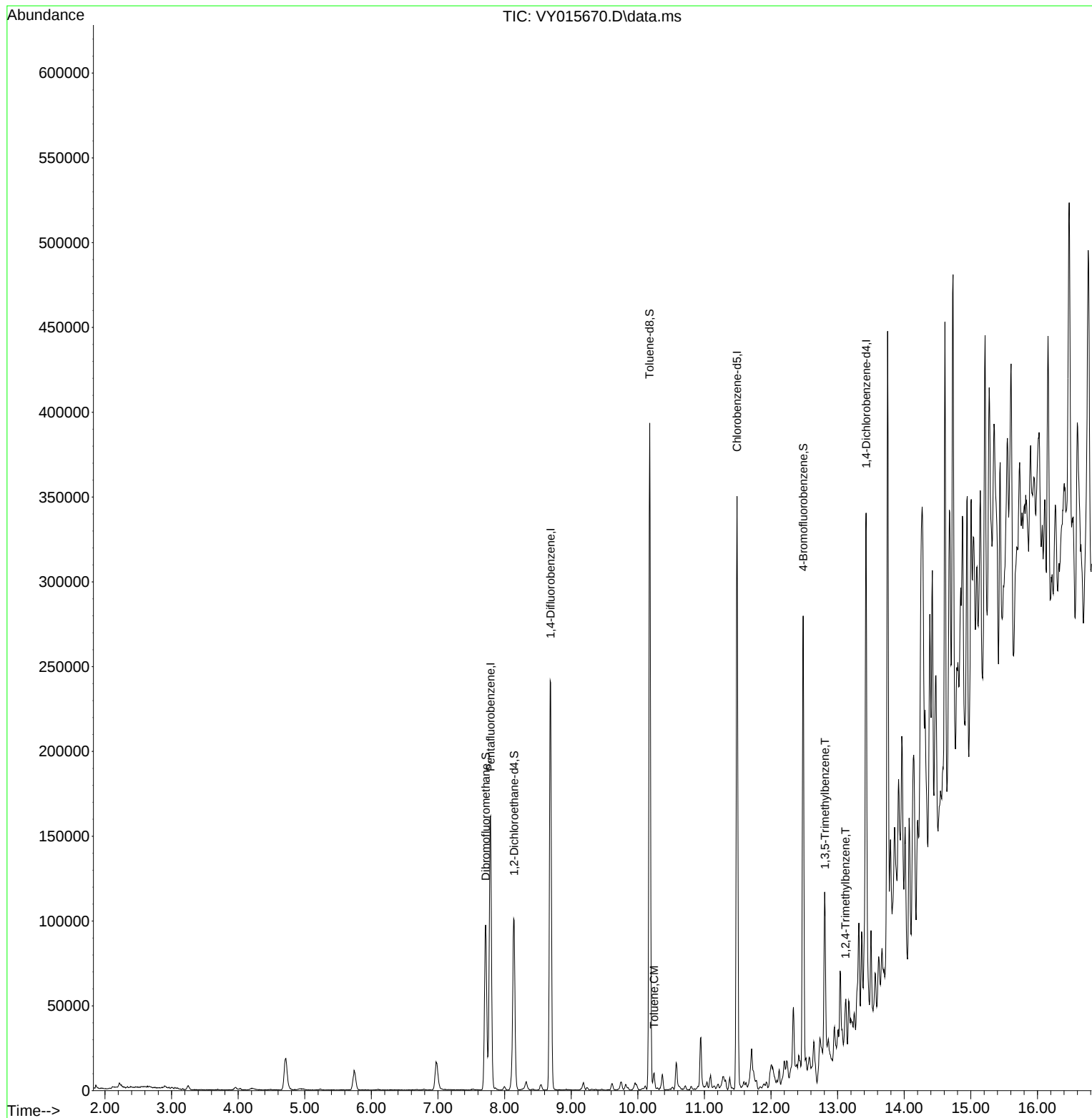
Internal Standards						
1) Pentafluorobenzene	7.789	168	125624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77370	55.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.960%			
35) Dibromofluoromethane	7.716	113	69437	54.092	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.180%			
50) Toluene-d8	10.179	98	250871	57.638	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.280%			
62) 4-Bromofluorobenzene	12.483	95	76569	44.828	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.660%			
Target Compounds						Qvalue
52) Toluene	10.246	92	3996	1.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	9325	2.039	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	13140	2.871	ug/l	97

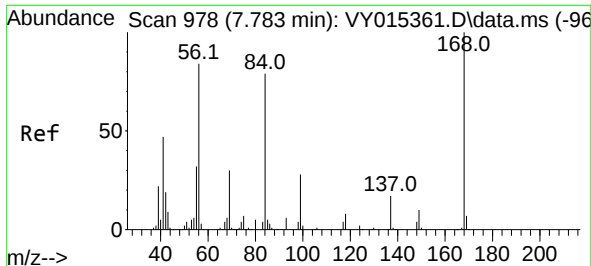
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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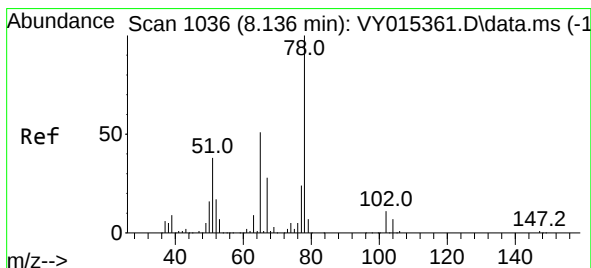
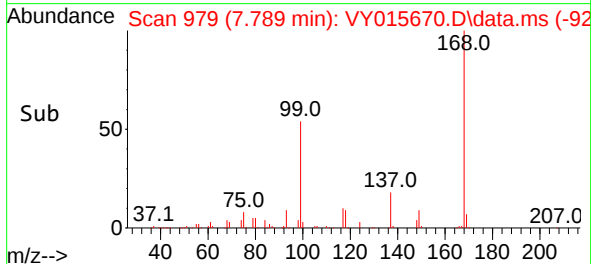
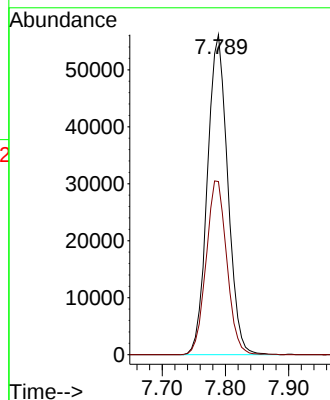
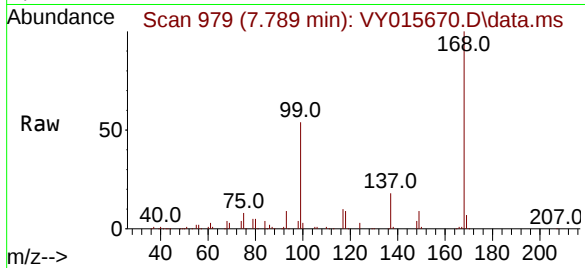




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015670.D
Acq: 21 Sep 2023 12:29

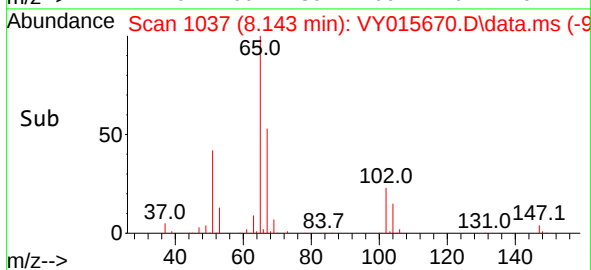
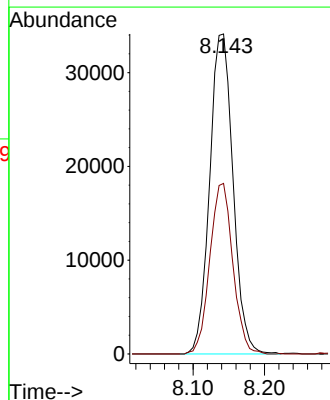
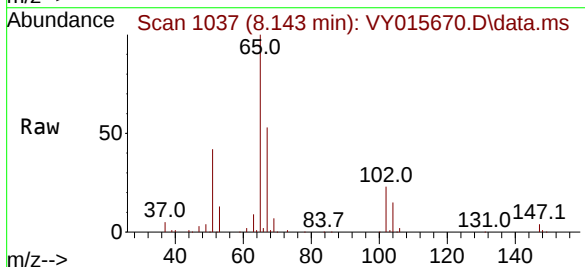
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20001

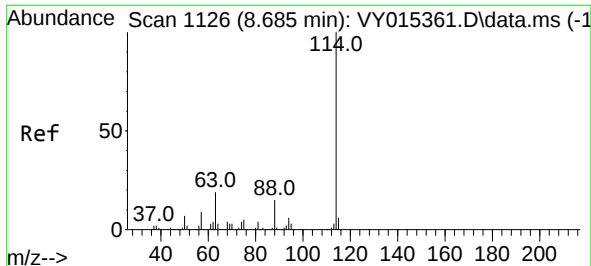
Tgt Ion:168 Resp: 125624
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.975 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015670.D
Acq: 21 Sep 2023 12:29

Tgt Ion: 65 Resp: 77370
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015670.D

Acq: 21 Sep 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-20001

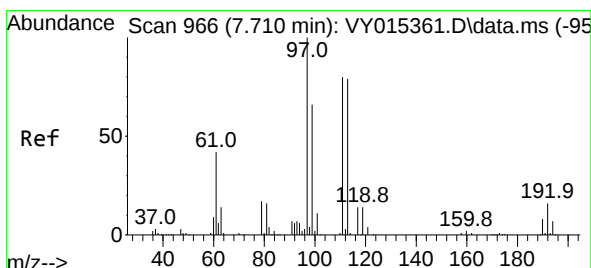
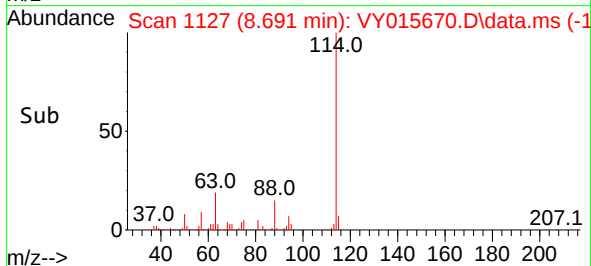
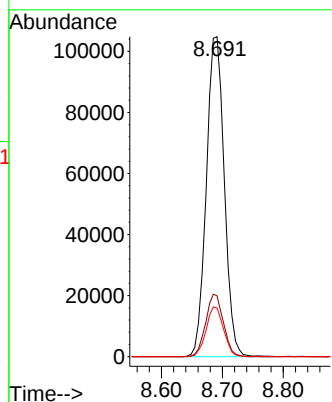
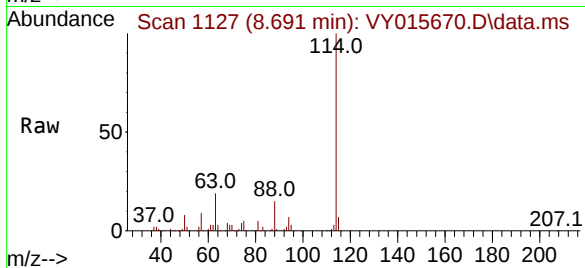
Tgt Ion:114 Resp: 214472

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.092 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015670.D

Acq: 21 Sep 2023 12:29

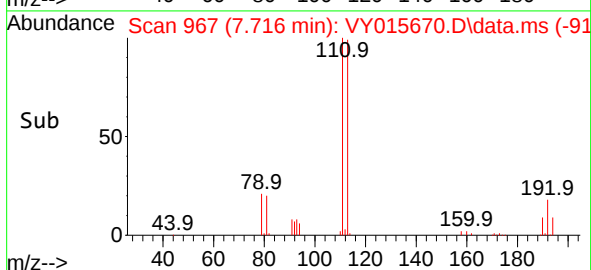
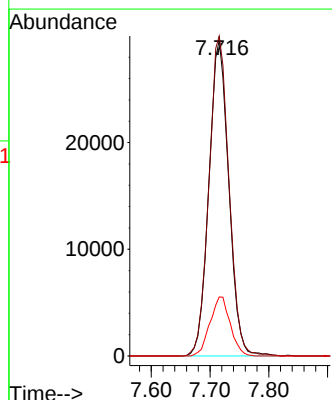
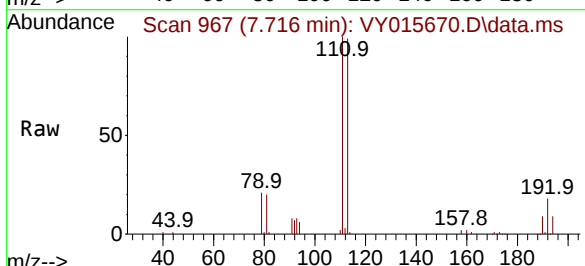
Tgt Ion:113 Resp: 69437

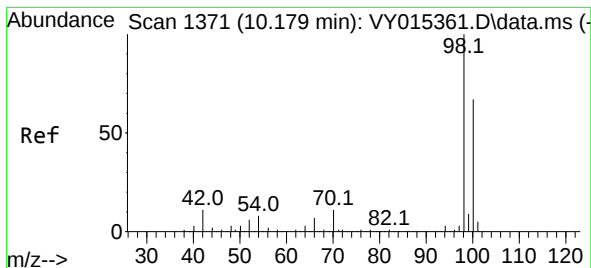
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 19.1 16.9 25.3

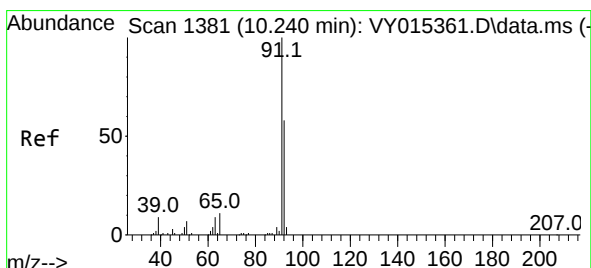
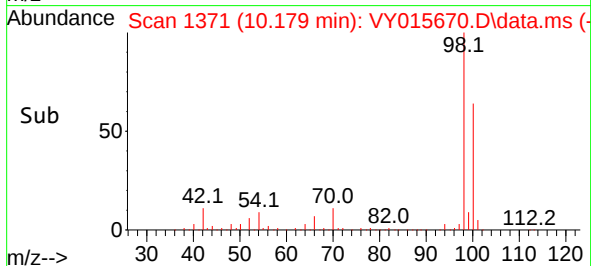
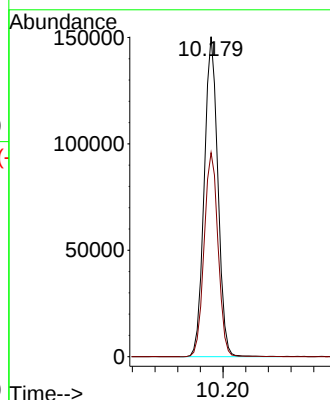
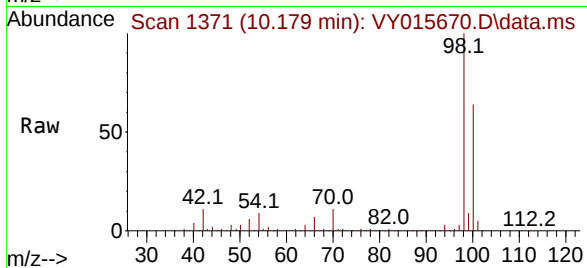




#50
Toluene-d8
Concen: 57.638 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015670.D
Acq: 21 Sep 2023 12:29

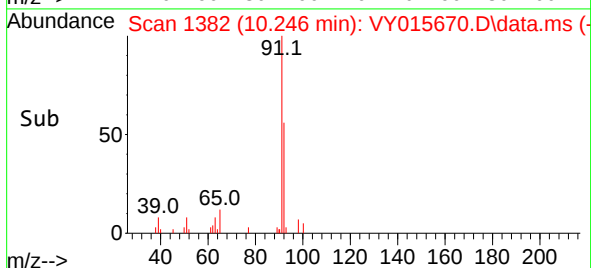
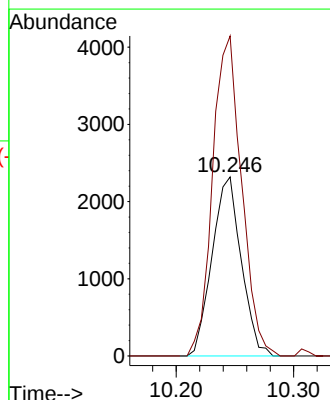
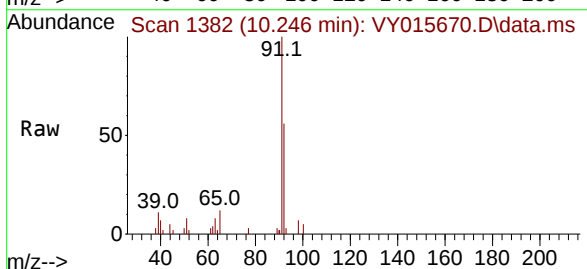
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20001

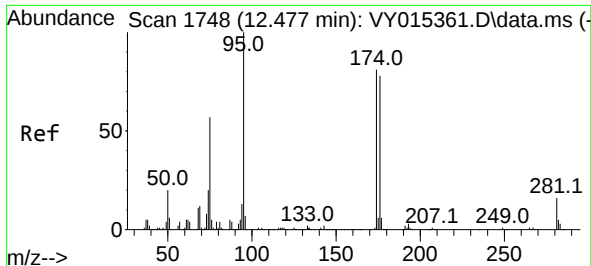
Tgt Ion: 98 Resp: 250871
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#52
Toluene
Concen: 1.071 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015670.D
Acq: 21 Sep 2023 12:29

Tgt Ion: 92 Resp: 3996
Ion Ratio Lower Upper
92 100
91 177.9 143.8 215.6

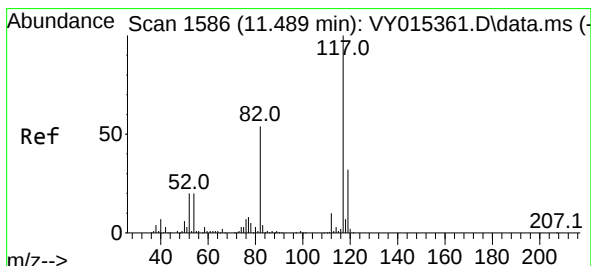
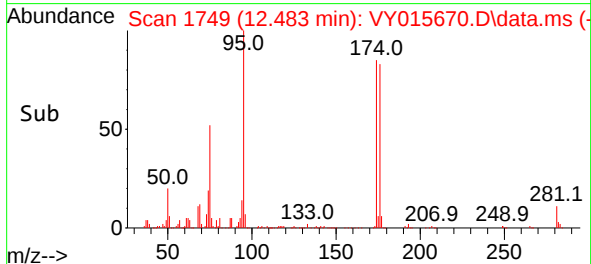
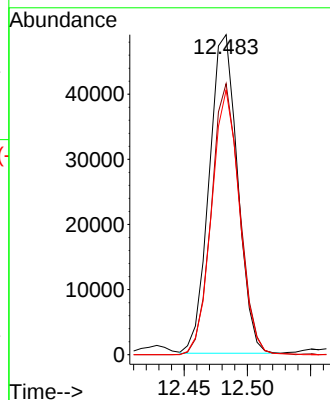
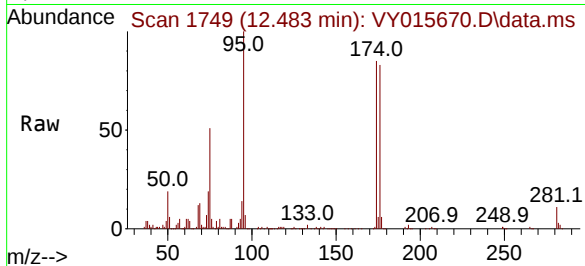




#62
4-Bromofluorobenzene
Concen: 44.828 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015670.D
Acq: 21 Sep 2023 12:29

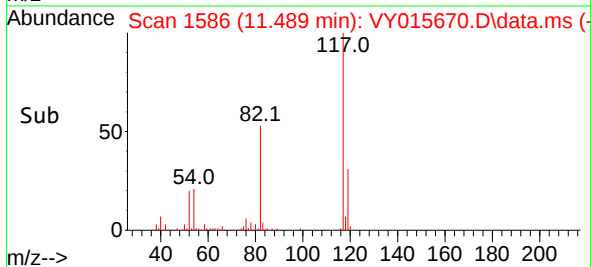
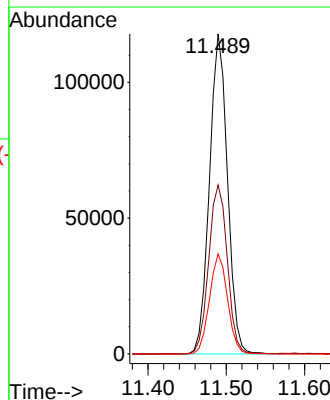
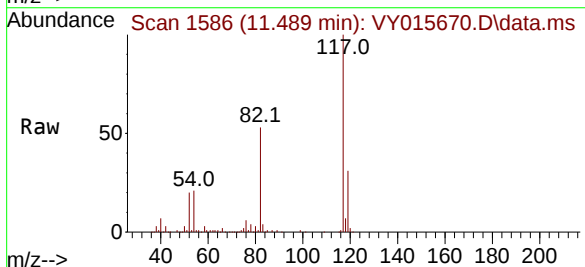
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20001

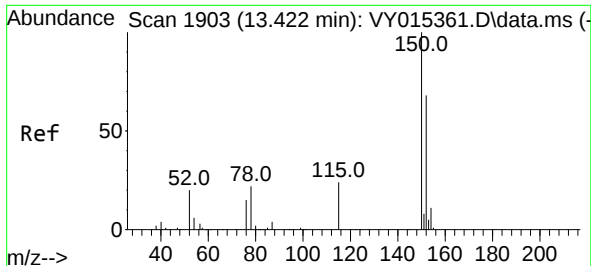
Tgt Ion: 95 Resp: 76569
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015670.D
Acq: 21 Sep 2023 12:29

Tgt Ion: 117 Resp: 188102
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 31.3 26.3 39.5

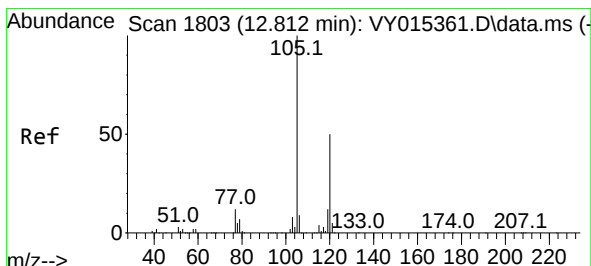
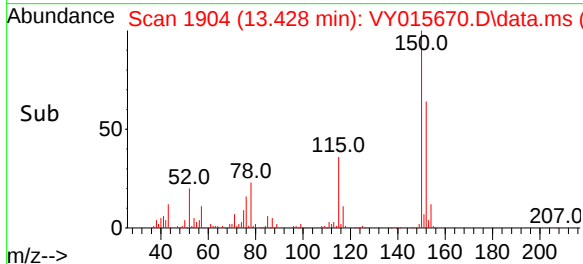
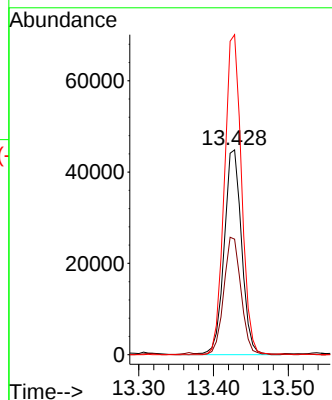
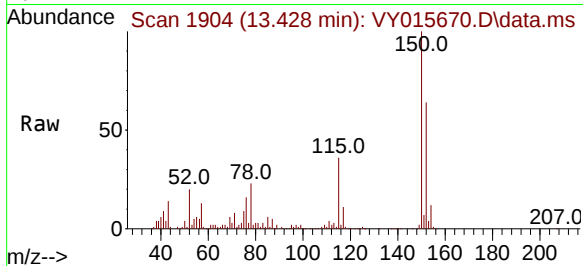




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015670.D
 Acq: 21 Sep 2023 12:29

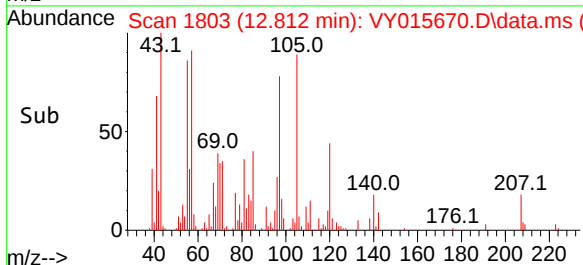
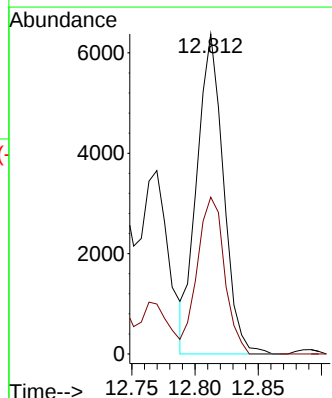
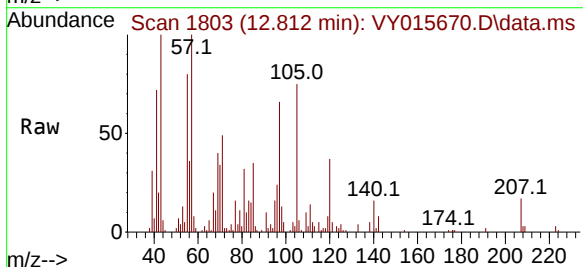
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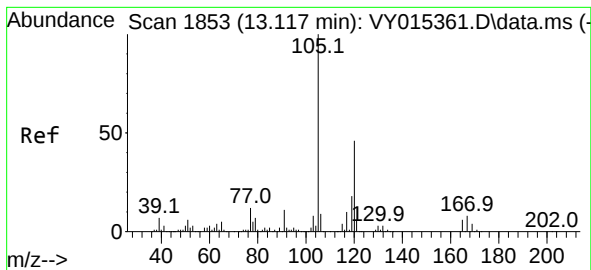
Tgt Ion:152 Resp: 72829
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.8 86.5
 150 153.1 0.0 348.8



#80
 1,3,5-Trimethylbenzene
 Concen: 2.039 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY015670.D
 Acq: 21 Sep 2023 12:29

Tgt Ion:105 Resp: 9325
 Ion Ratio Lower Upper
 105 100
 120 50.2 23.9 71.7





#84
 1,2,4-Trimethylbenzene
 Concen: 2.871 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015670.D
 Acq: 21 Sep 2023 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20001

Tgt Ion:105 Resp: 13140
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.2 66.6

