

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010064.D
 Acq On : 17 Aug 2022 13:30
 Operator : KP/MD
 Sample : N4143-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26414

Quant Time: Aug 17 14:57:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

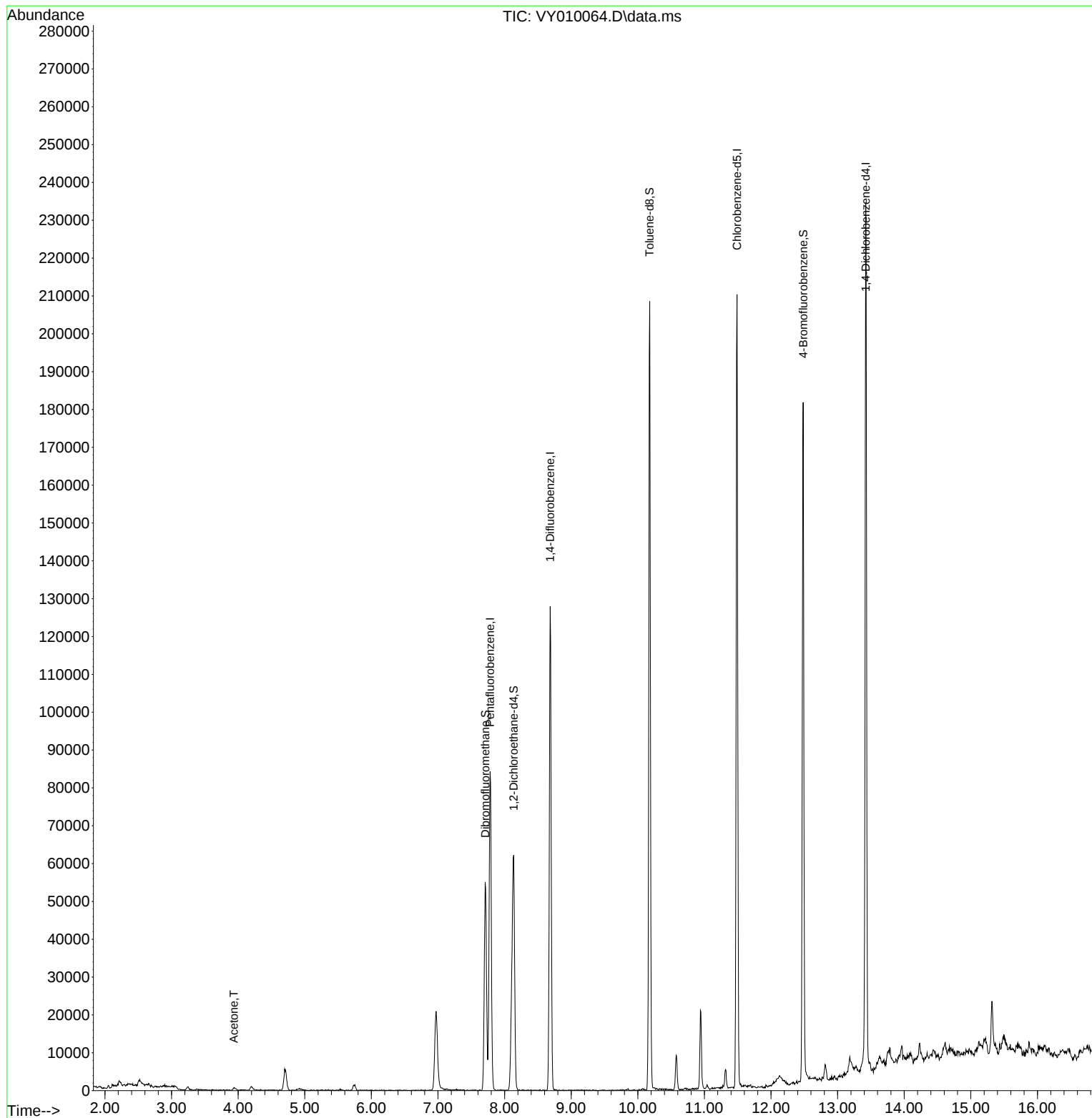
Internal Standards						
1) Pentafluorobenzene	7.783	168	69477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	110210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40979	58.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.980%
35) Dibromofluoromethane	7.709	113	37784	52.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.740%
50) Toluene-d8	10.178	98	136245	51.525	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.483	95	51307	55.243	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.480%
Target Compounds						
16) Acetone	3.936	43	1277	8.582	ug/l	Qvalue 100

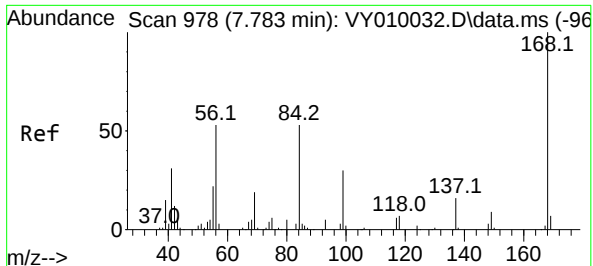
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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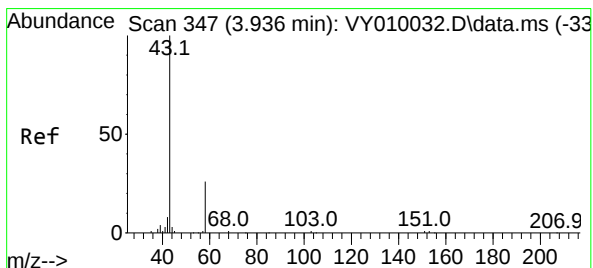
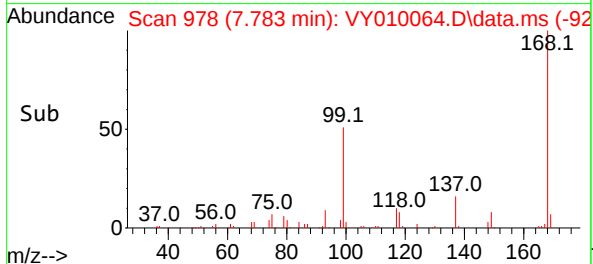
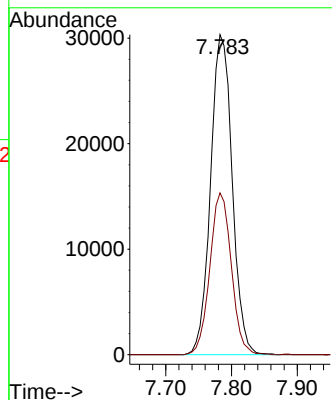
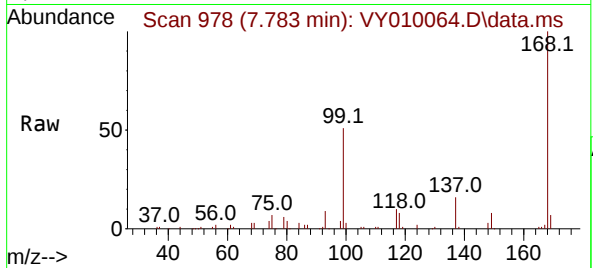




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

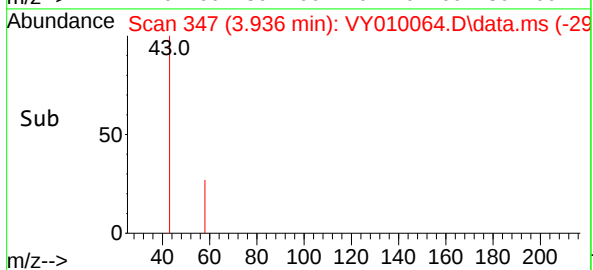
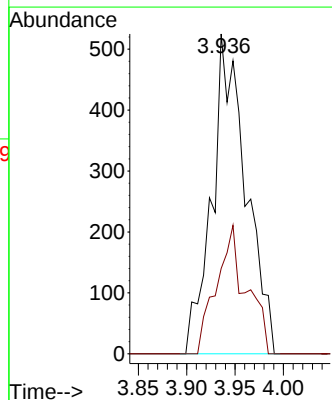
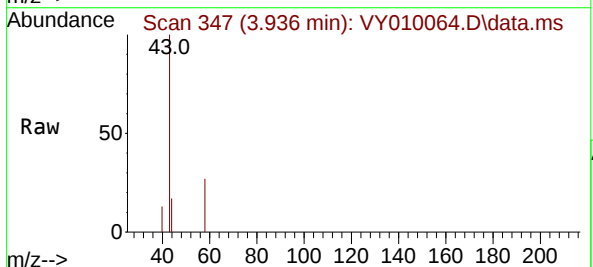
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

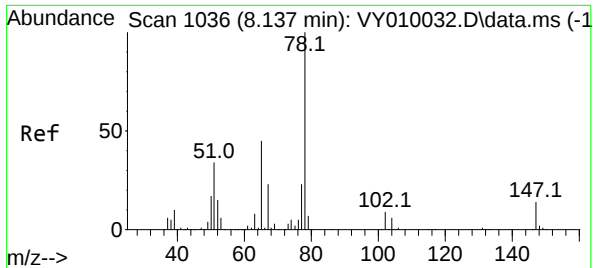
Tgt Ion:168 Resp: 69477
Ion Ratio Lower Upper
168 100
99 50.5 37.7 56.5



#16
Acetone
Concen: 8.582 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 26.7 21.4 32.0

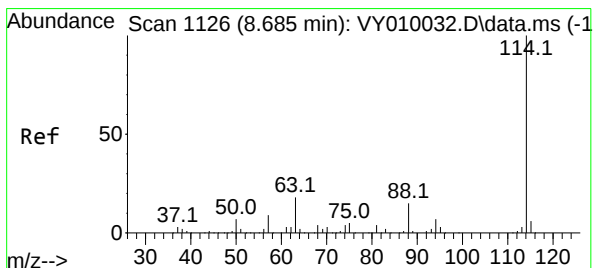
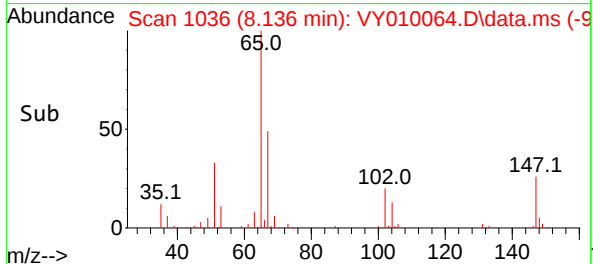
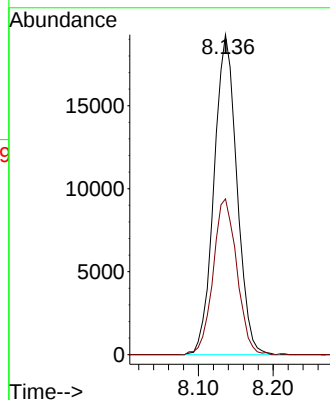
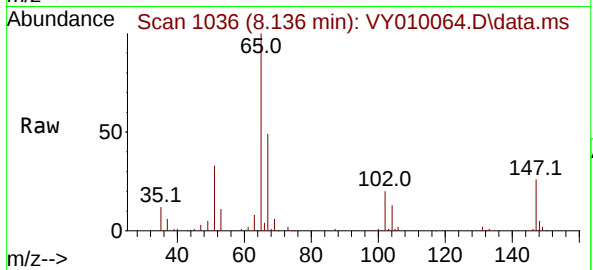




#33
 1,2-Dichloroethane-d4
 Concen: 58.990 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.001 min
 Lab File: VY010064.D
 Acq: 17 Aug 2022 13:30

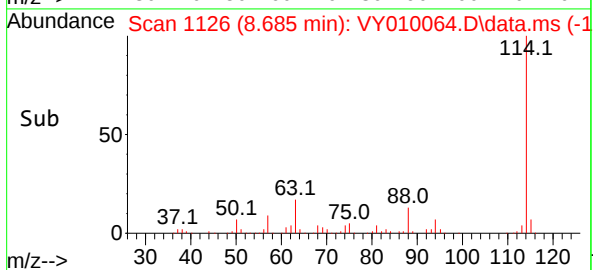
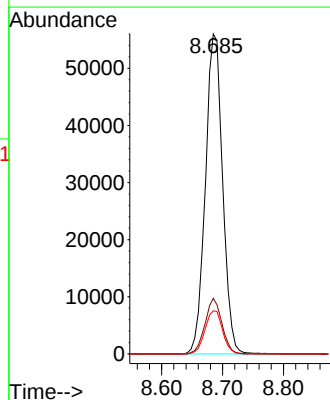
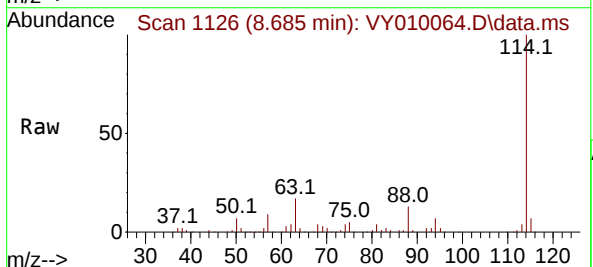
Instrument :
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 CHRT-26414

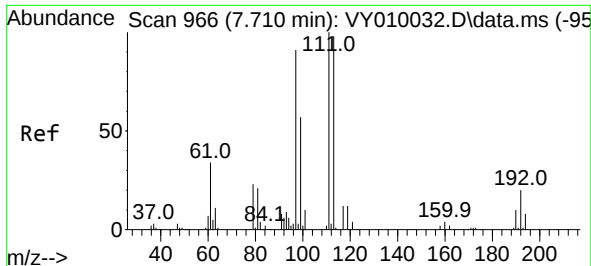
Tgt Ion: 65 Resp: 40979
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY010064.D
 Acq: 17 Aug 2022 13:30

Tgt Ion: 114 Resp: 110210
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 13.5 0.0 30.2

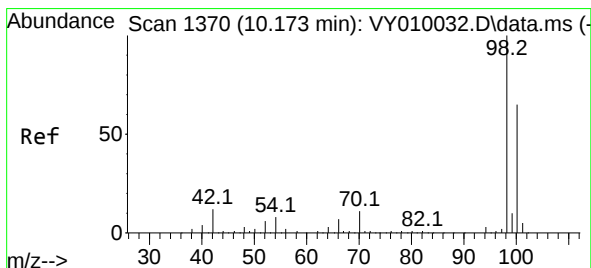
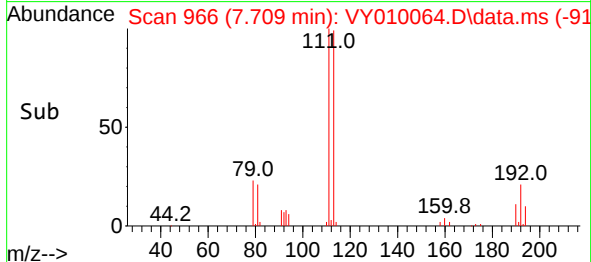
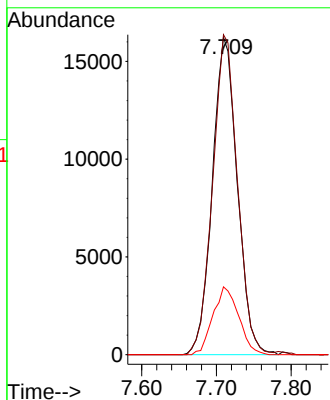
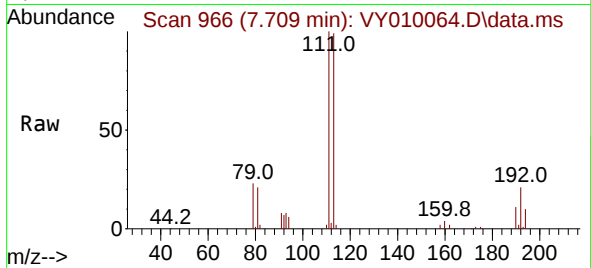




#35
Dibromofluoromethane
Concen: 52.866 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

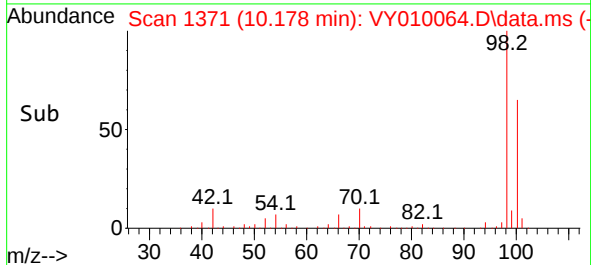
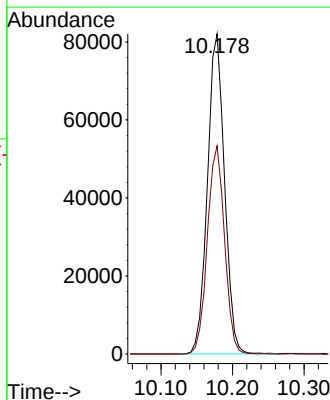
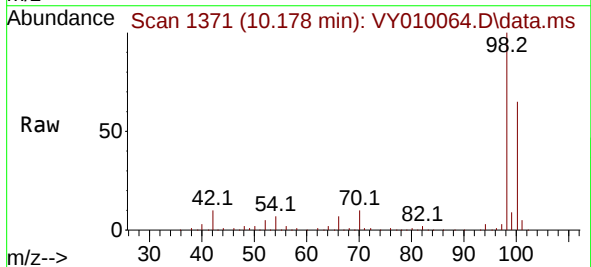
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

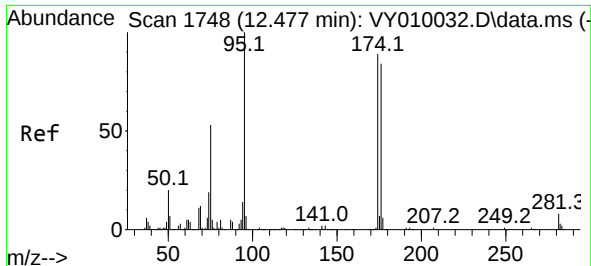
Tgt Ion:113	Resp:	37784	
Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.7	124.1
192	22.0	17.2	25.8



#50
Toluene-d8
Concen: 51.525 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.005 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

Tgt Ion: 98	Resp: 136245
Ion Ratio	Lower Upper
98 100	
100 65.3	52.1 78.1





#62

4-Bromofluorobenzene

Concen: 55.243 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010064.D

Acq: 17 Aug 2022 13:30

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26414

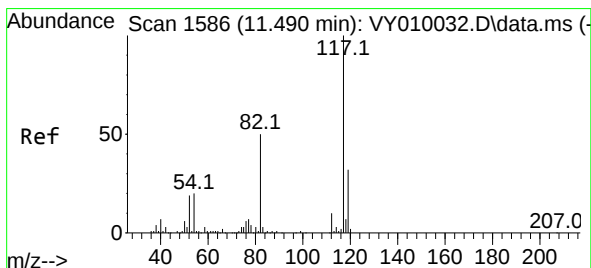
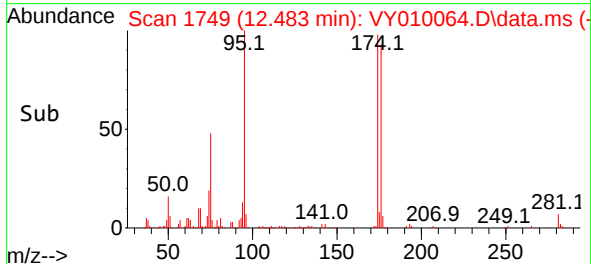
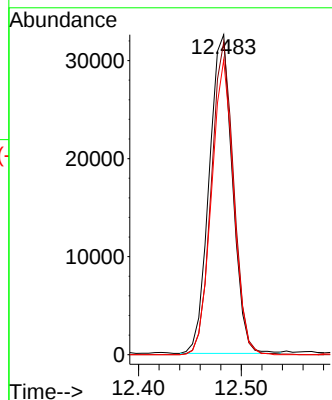
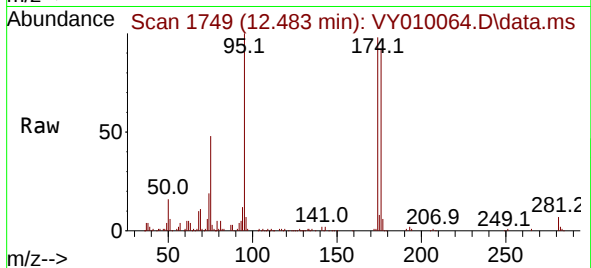
Tgt Ion: 95 Resp: 51307

Ion Ratio Lower Upper

95 100

174 94.2 0.0 184.2

176 88.3 0.0 178.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010064.D

Acq: 17 Aug 2022 13:30

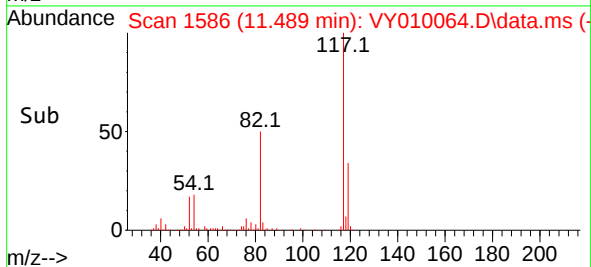
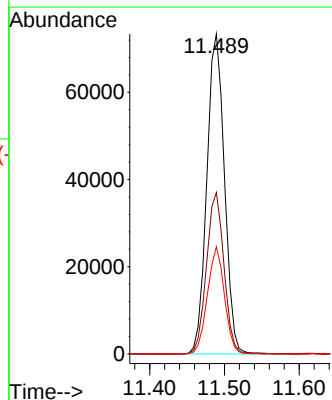
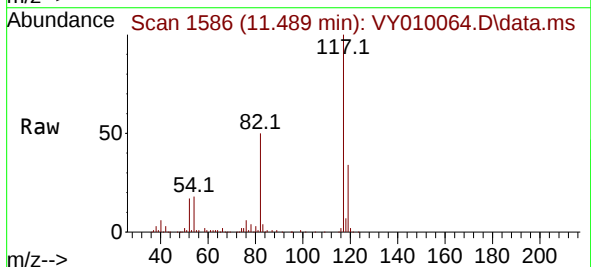
Tgt Ion: 117 Resp: 119946

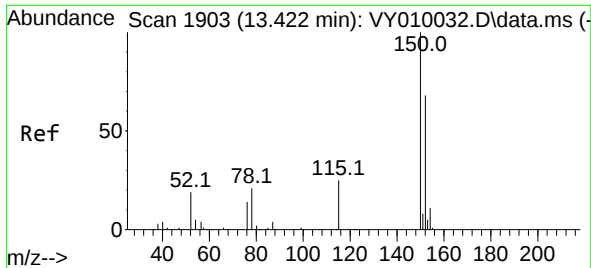
Ion Ratio Lower Upper

117 100

82 50.5 39.8 59.6

119 33.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010064.D

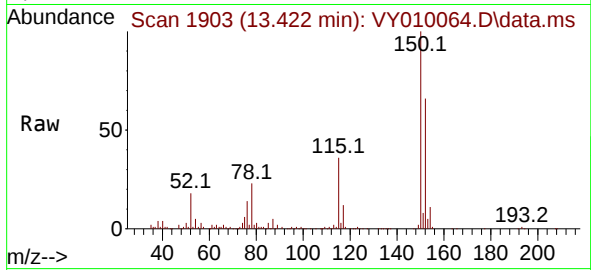
Acq: 17 Aug 2022 13:30

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 60354

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.3

150 156.5 0.0 346.6

