

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006823.D
 Acq On : 19 Nov 2021 12:24
 Operator : SY/MD
 Sample : M4766-01RE
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20058RE

Quant Time: Nov 22 03:18:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

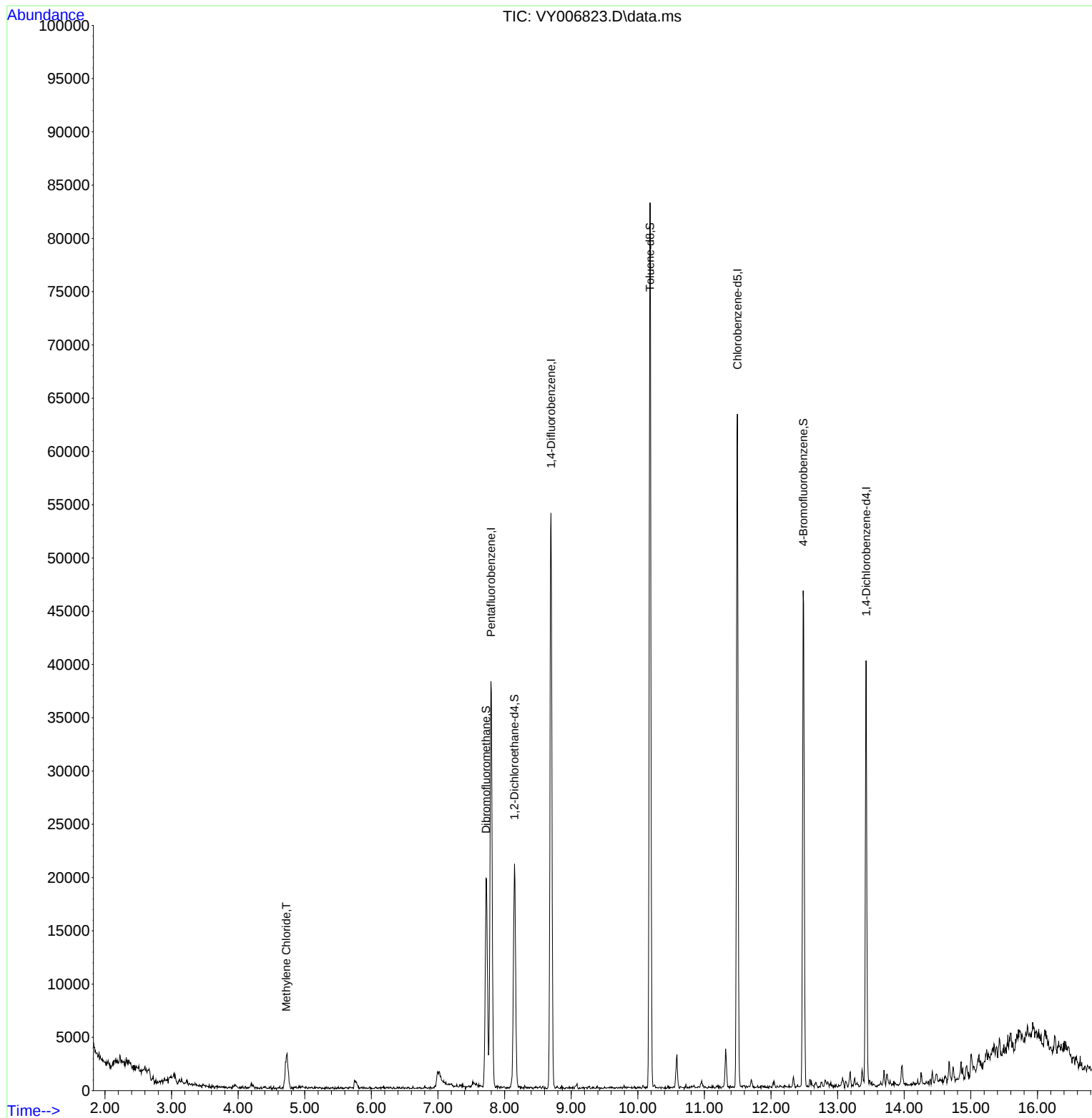
Internal Standards						
1) Pentafluorobenzene	7.795	168	27901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	42591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	31202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	16643	45.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.020%
35) Dibromofluoromethane	7.722	113	13143	50.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.480%
50) Toluene-d8	10.185	98	51532	47.601	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.483	95	10994	30.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.240%
Target Compounds						
20) Methylene Chloride	4.722	84	2171	3.351	ug/l	Qvalue 94

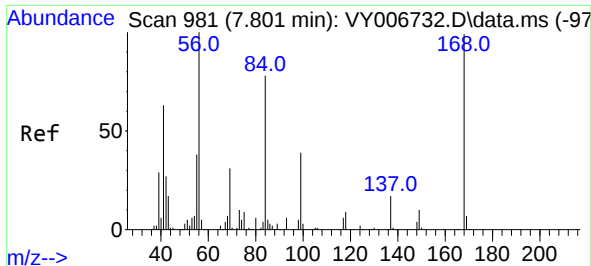
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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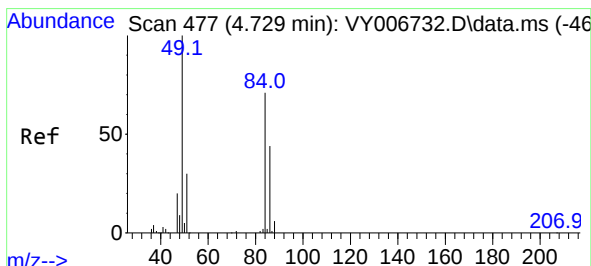
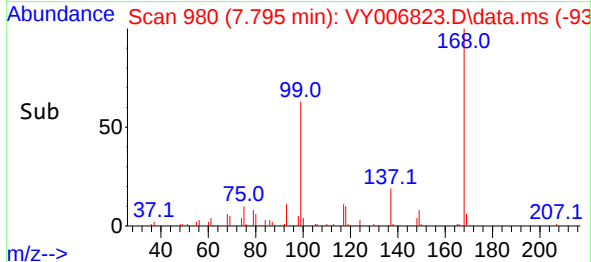
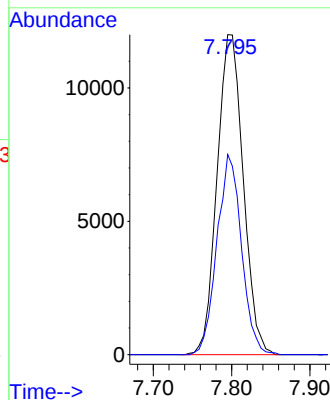
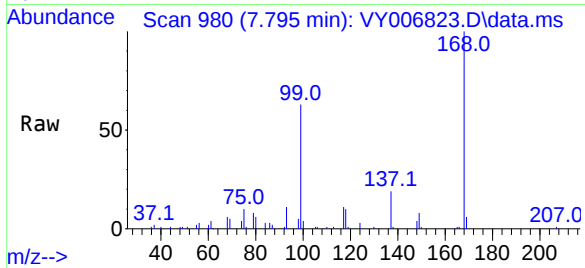




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006823.D
Acq: 19 Nov 2021 12:24

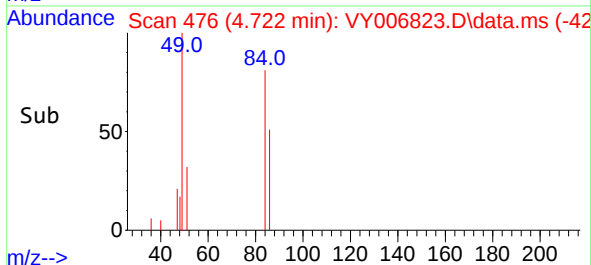
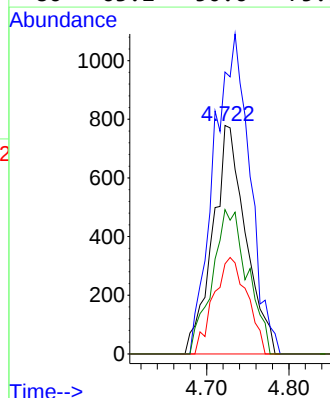
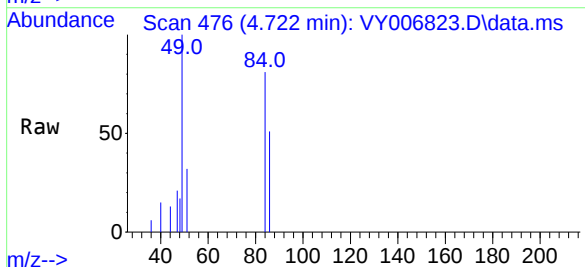
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20058RE

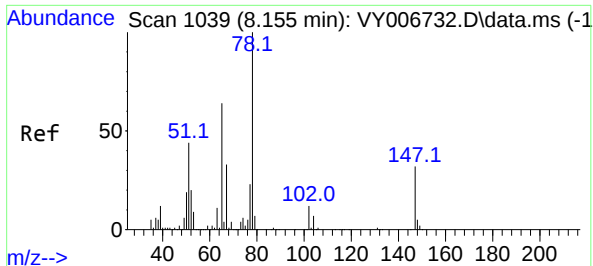
Tgt Ion:168 Resp: 27901
Ion Ratio Lower Upper
168 100
99 62.5 44.8 67.2



#20
Methylene Chloride
Concen: 3.351 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006823.D
Acq: 19 Nov 2021 12:24

Tgt Ion: 84 Resp: 2171
Ion Ratio Lower Upper
84 100
49 123.4 107.8 161.8
51 39.4 32.8 49.2
86 63.2 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 45.513 ug/l

RT: 8.149 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006823.D

Acq: 19 Nov 2021 12:24

Instrument :

MSVOA_Y

ClientSampleId :

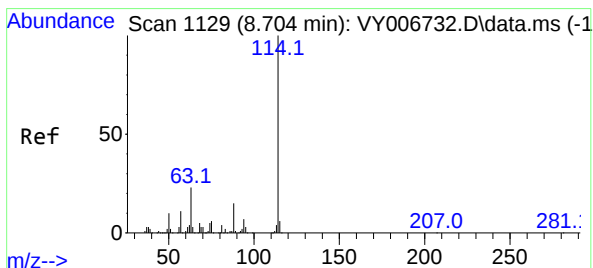
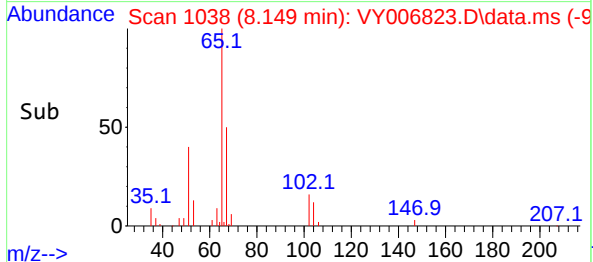
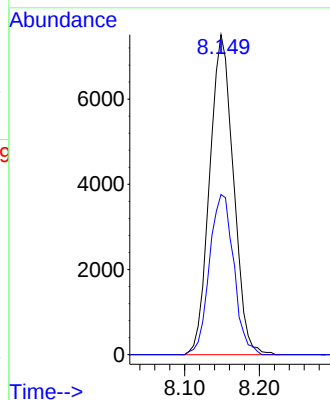
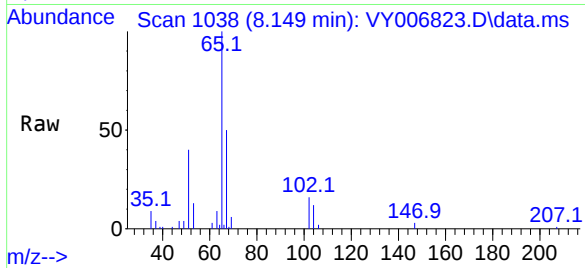
CHRT-20058RE

Tgt Ion: 65 Resp: 16643

Ion Ratio Lower Upper

65 100

67 51.1 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006823.D

Acq: 19 Nov 2021 12:24

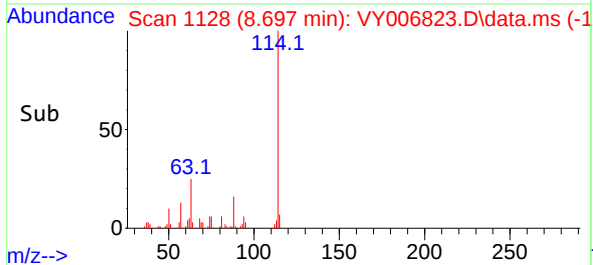
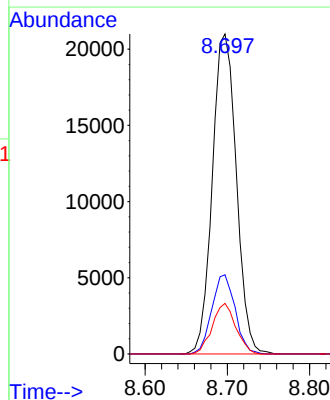
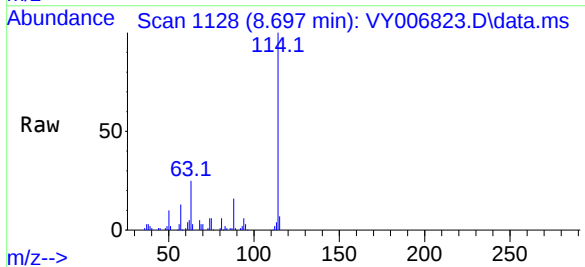
Tgt Ion: 114 Resp: 42591

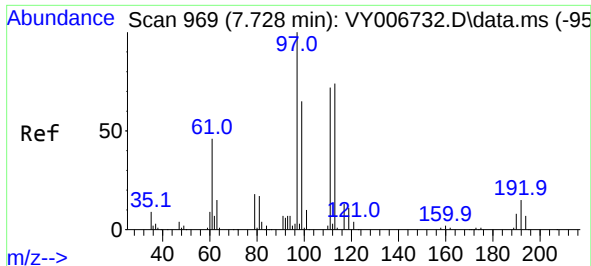
Ion Ratio Lower Upper

114 100

63 24.8 0.0 45.0

88 15.8 0.0 30.6

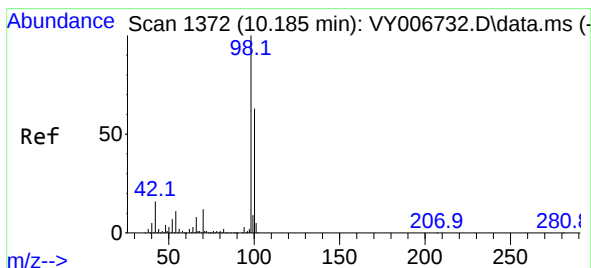
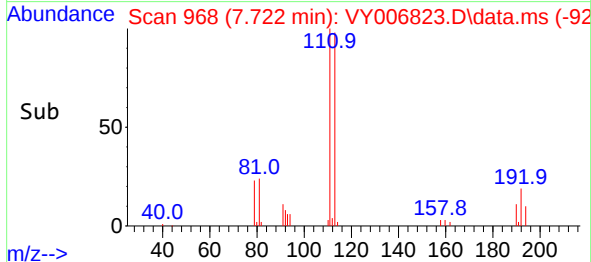
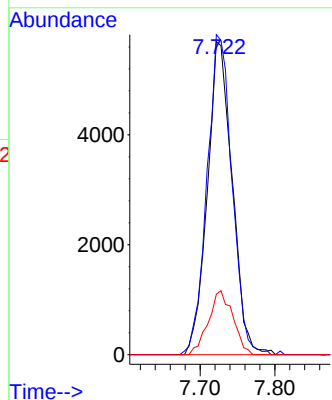
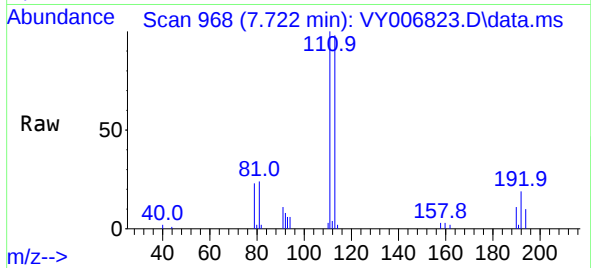




#35
Dibromofluoromethane
Concen: 50.239 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006823.D
Acq: 19 Nov 2021 12:24

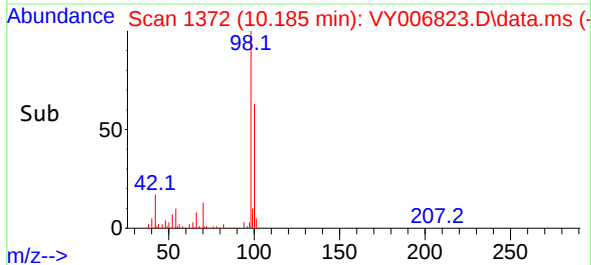
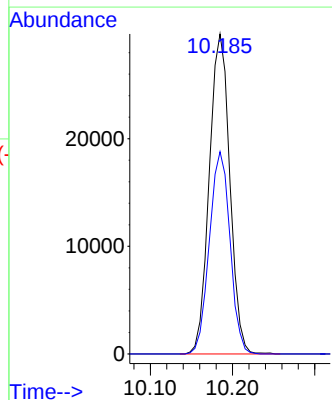
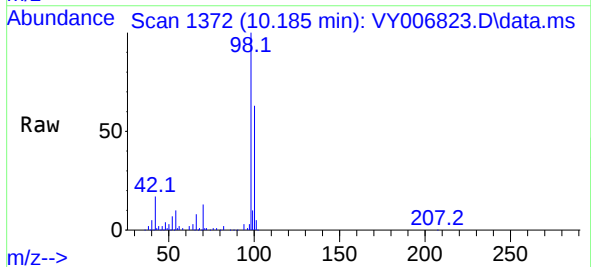
Instrument :
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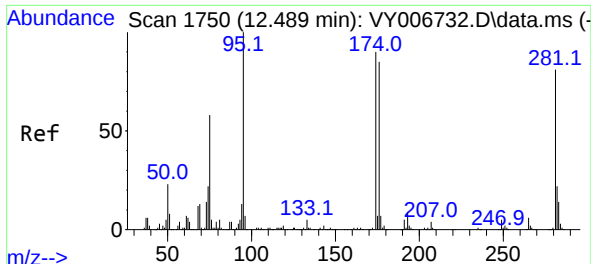
Tgt Ion:113 Resp: 13143
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 20.1 17.4 26.2



#50
Toluene-d8
Concen: 47.601 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006823.D
Acq: 19 Nov 2021 12:24

Tgt Ion: 98 Resp: 51532
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

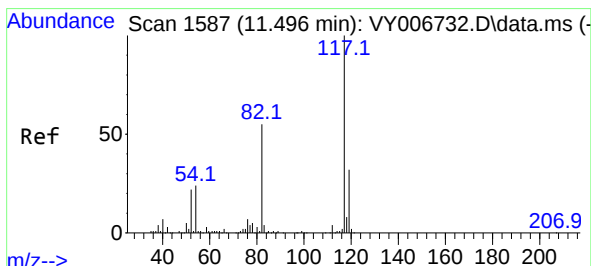
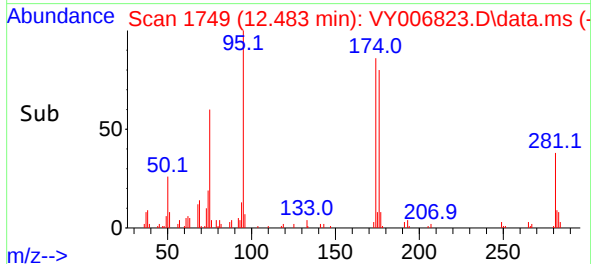
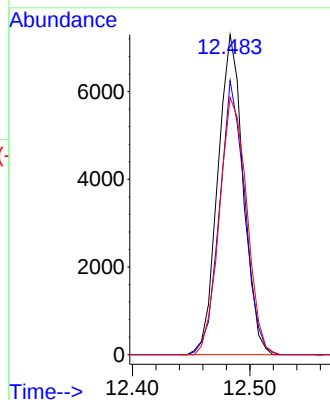
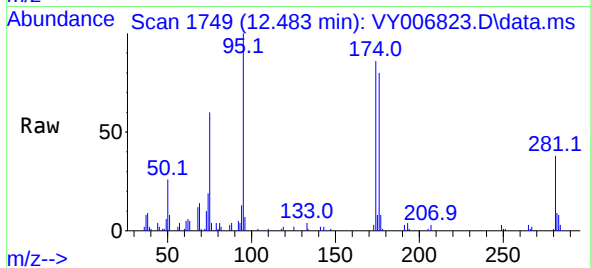




#62
4-Bromofluorobenzene
Concen: 30.124 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006823.D
Acq: 19 Nov 2021 12:24

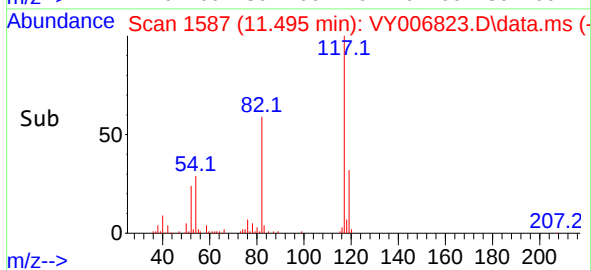
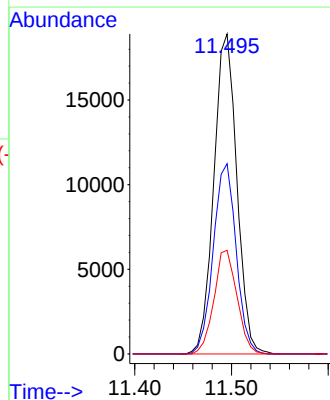
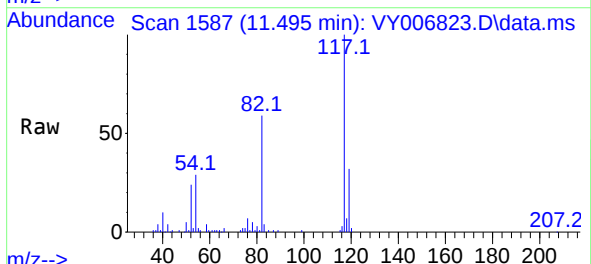
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Tgt Ion: 95 Resp: 10994
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 86.3 0.0 169.4

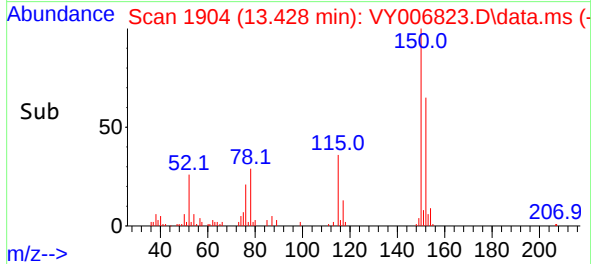
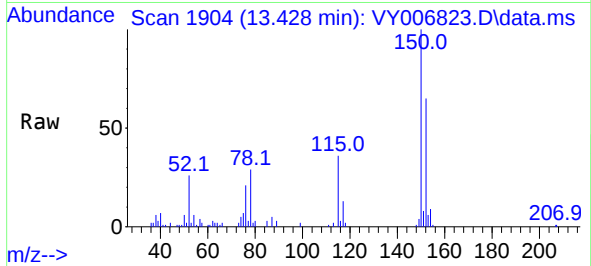
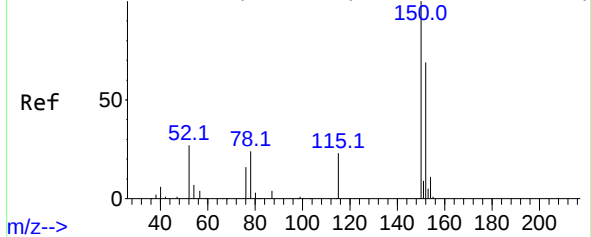


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006823.D
Acq: 19 Nov 2021 12:24

Tgt Ion: 117 Resp: 31202
Ion Ratio Lower Upper
117 100
82 59.5 45.7 68.5
119 32.4 25.5 38.3



Abundance Scan 1904 (13.428 min): VY006732.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006823.D
Acq: 19 Nov 2021 12:24

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20058RE

Tgt Ion:	152	Resp:	9029
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.5	85.5
150	154.9	0.0	348.2

