

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006580.D
 Acq On : 02 Nov 2021 16:38
 Operator : SY/MD
 Sample : M4424-09
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T4-EP04-NW

Quant Time: Nov 03 02:02:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

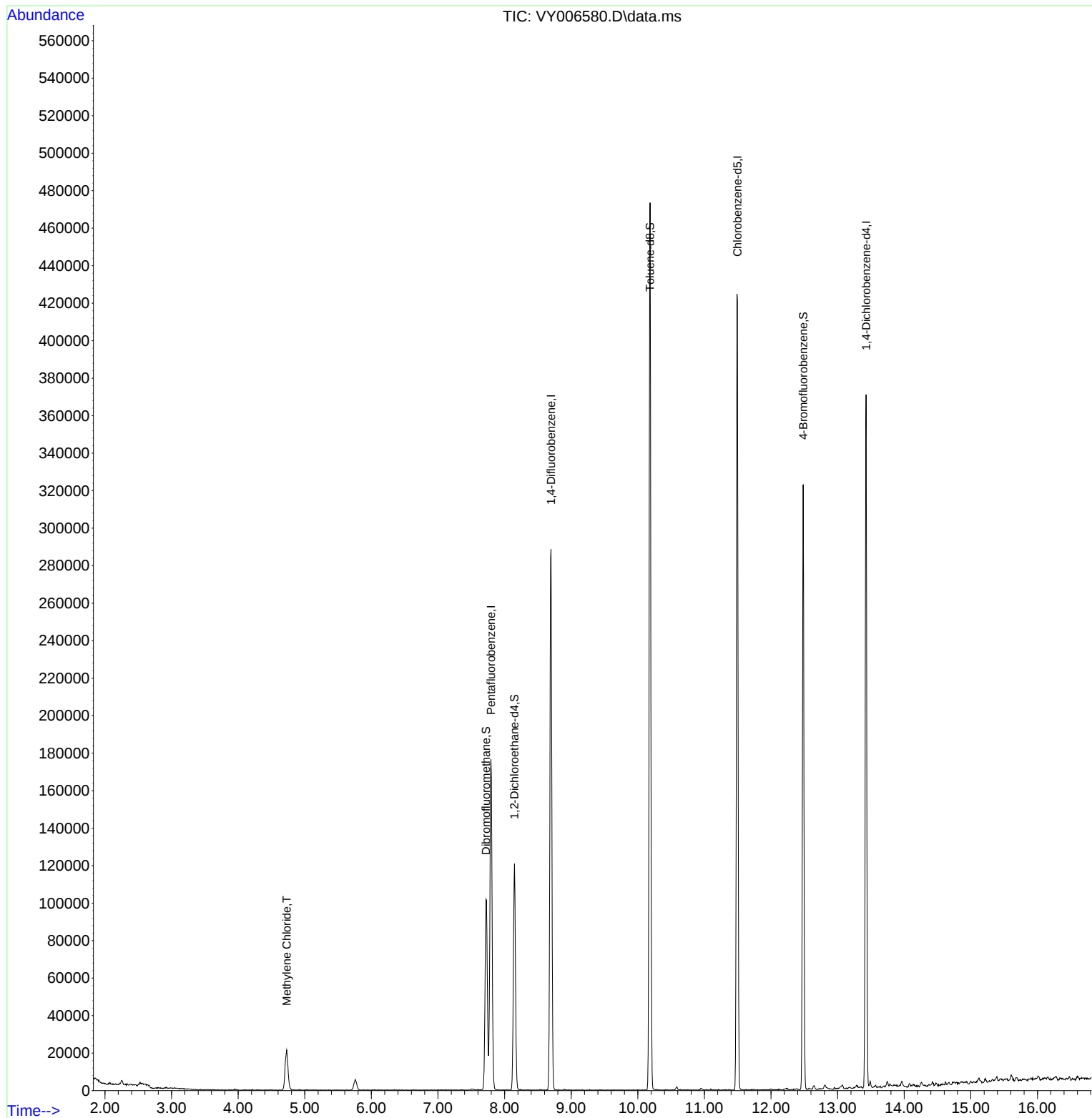
Internal Standards						
1) Pentafluorobenzene	7.795	168	134162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	229250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94915	57.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.980%	
35) Dibromofluoromethane	7.722	113	71171	55.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.400%	
50) Toluene-d8	10.185	98	296407	54.721	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.440%	
62) 4-Bromofluorobenzene	12.483	95	91271	50.021	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.040%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	14492	6.299	ug/l	94

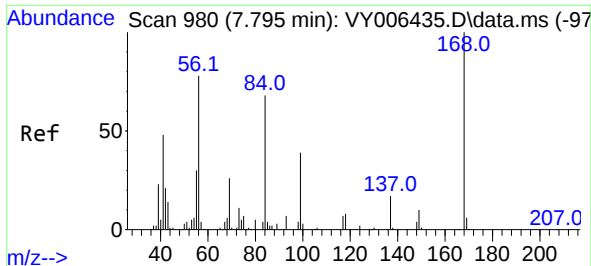
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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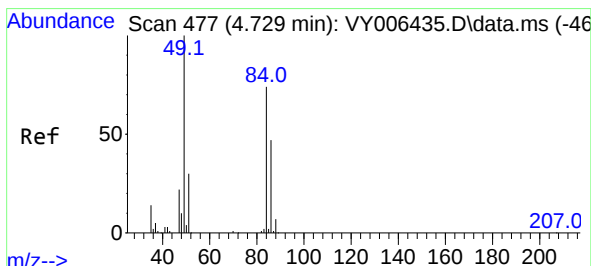
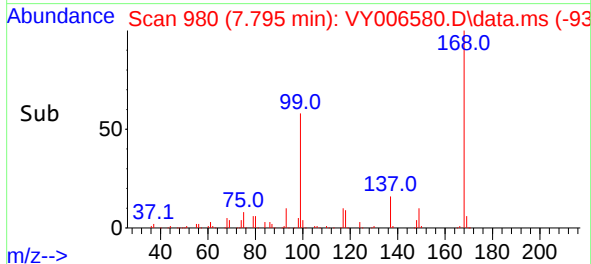
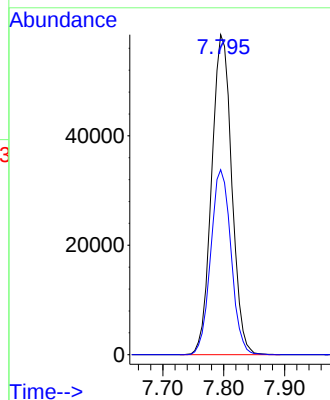
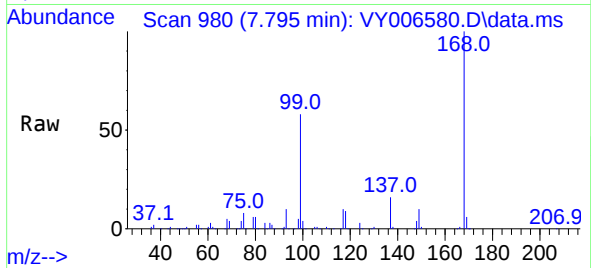




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

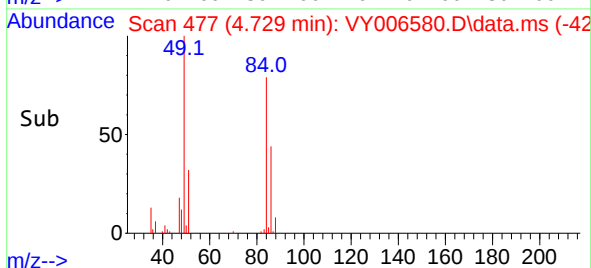
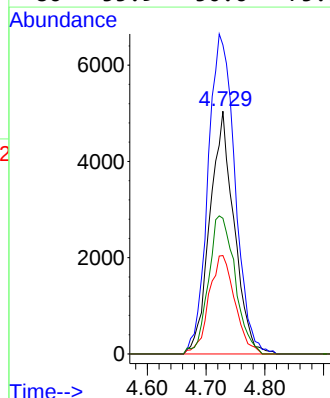
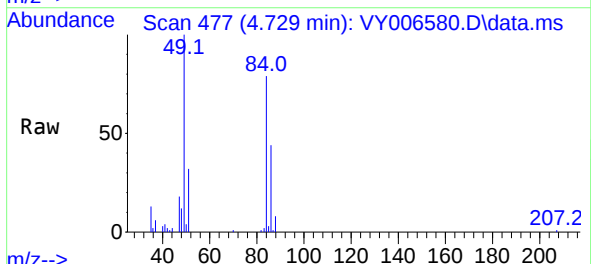
Instrument :
MSVOA_Y
ClientSampleId :
T4-EP04-NW

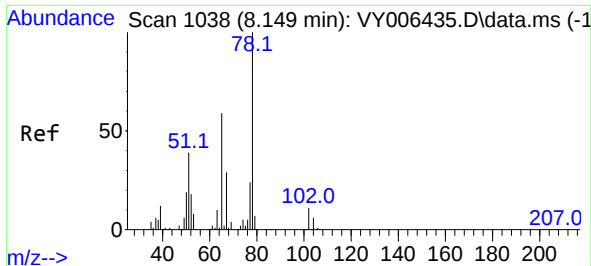
Tgt Ion:168 Resp: 134162
Ion Ratio Lower Upper
168 100
99 57.8 44.8 67.2



#20
Methylene Chloride
Concen: 6.299 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

Tgt Ion: 84 Resp: 14492
Ion Ratio Lower Upper
84 100
49 127.3 107.8 161.8
51 40.5 32.8 49.2
86 55.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 57.491 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY006580.D

Acq: 02 Nov 2021 16:38

Instrument :

MSVOA_Y

ClientSampleId :

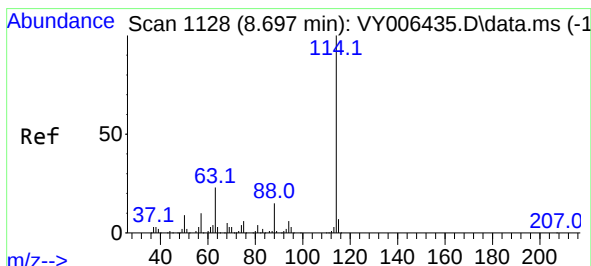
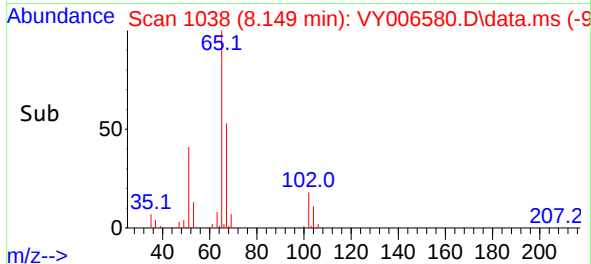
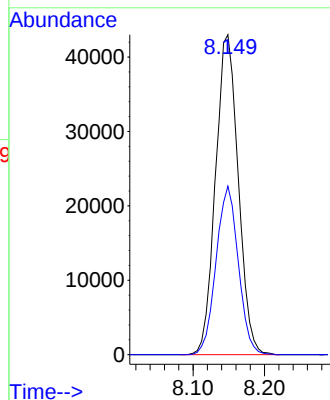
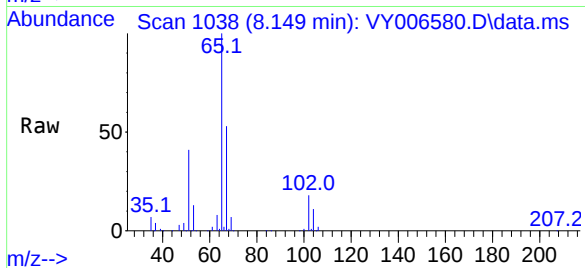
T4-EP04-NW

Tgt Ion: 65 Resp: 94915

Ion Ratio Lower Upper

65 100

67 51.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006580.D

Acq: 02 Nov 2021 16:38

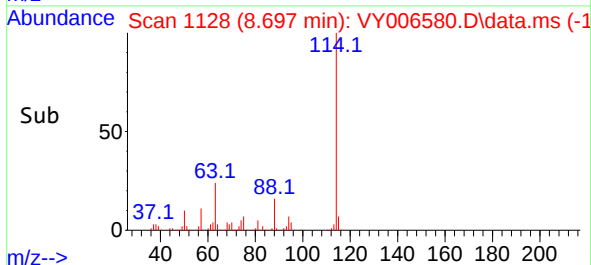
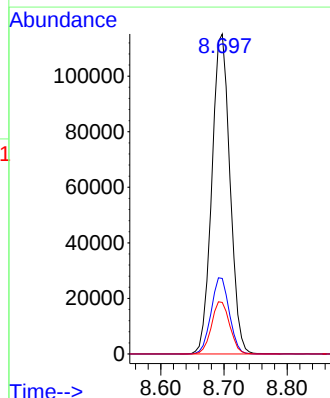
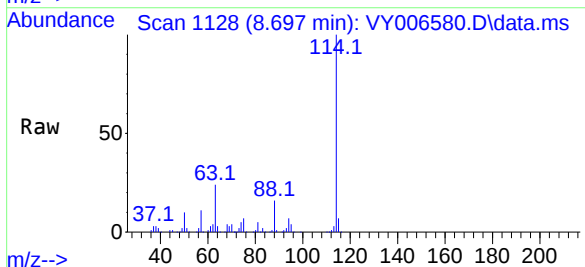
Tgt Ion: 114 Resp: 229250

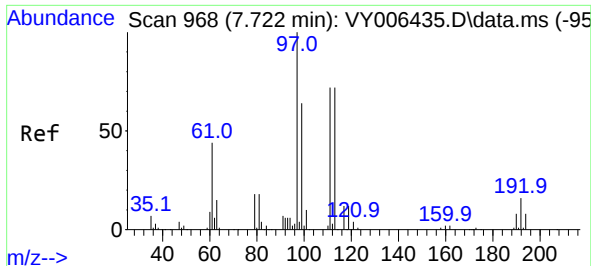
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 16.1 0.0 30.6

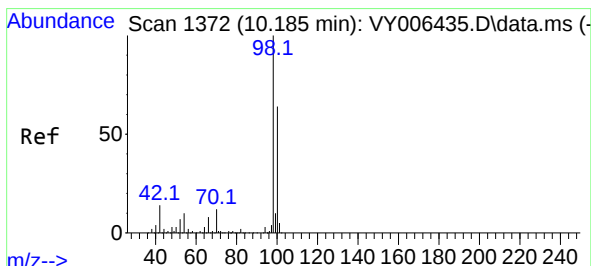
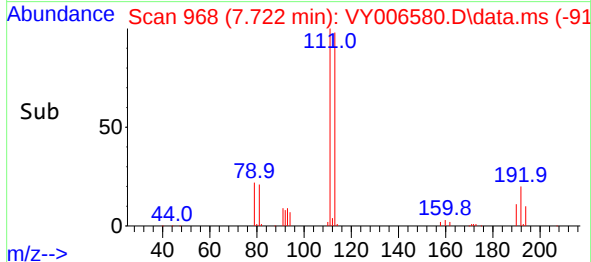
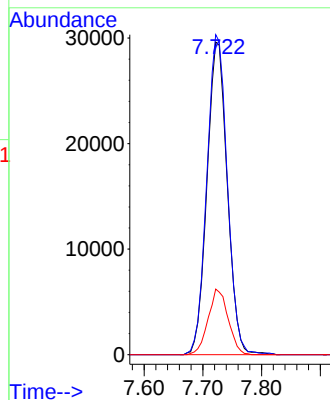
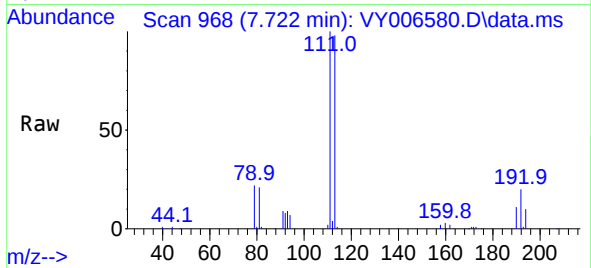




#35
Dibromofluoromethane
Concen: 55.699 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

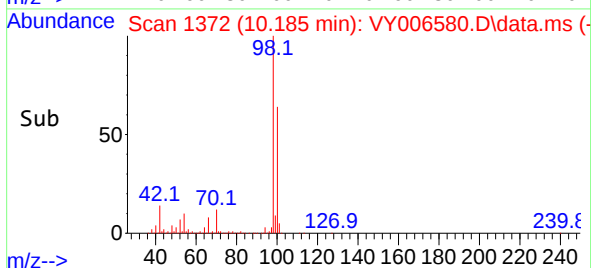
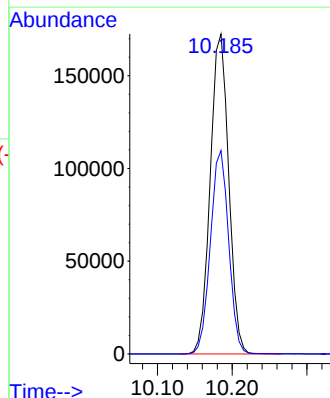
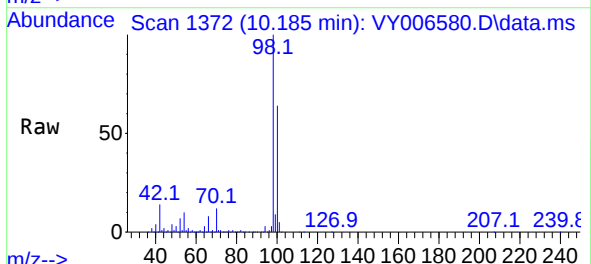
Instrument :
MSVOA_Y
ClientSampleId :
T4-EP04-NW

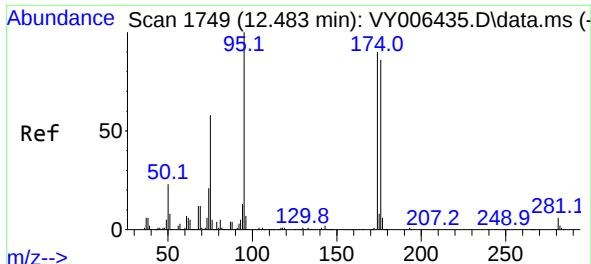
Tgt Ion:113 Resp: 71171
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 20.7 17.4 26.2



#50
Toluene-d8
Concen: 54.721 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

Tgt Ion: 98 Resp: 296407
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3

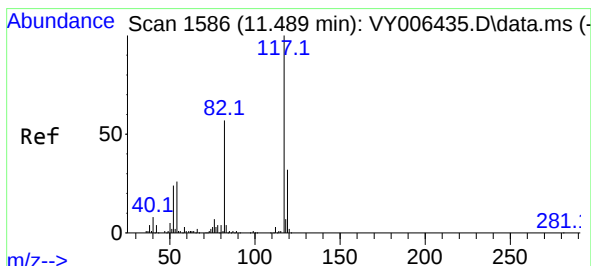
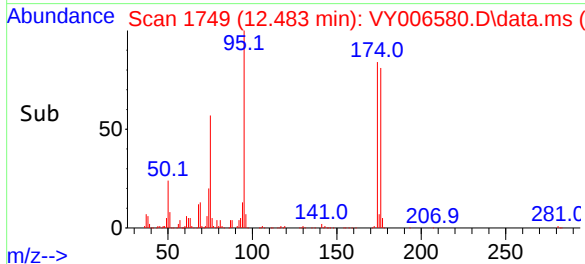
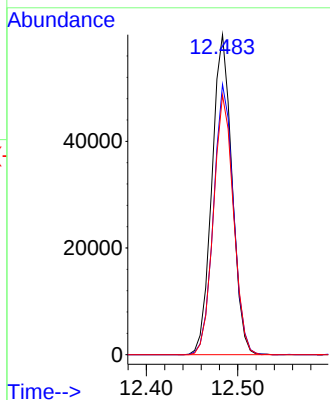
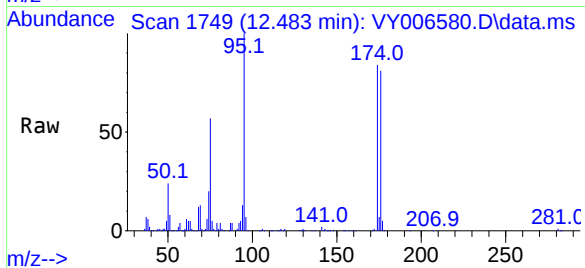




#62
4-Bromofluorobenzene
Concen: 50.021 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

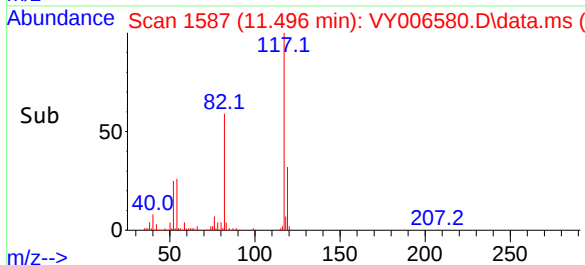
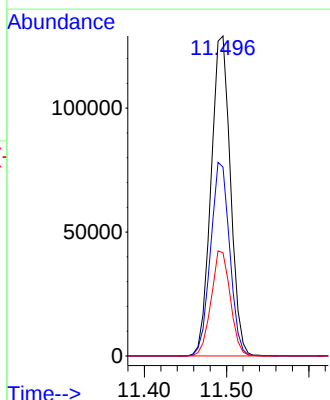
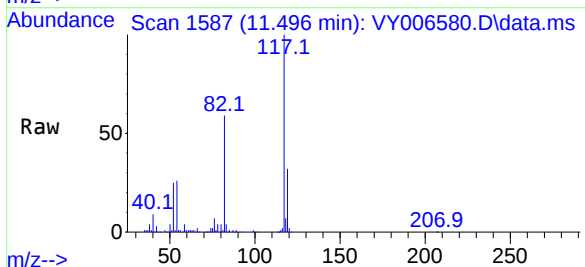
Instrument :
MSVOA_Y
ClientSampleId :
T4-EP04-NW

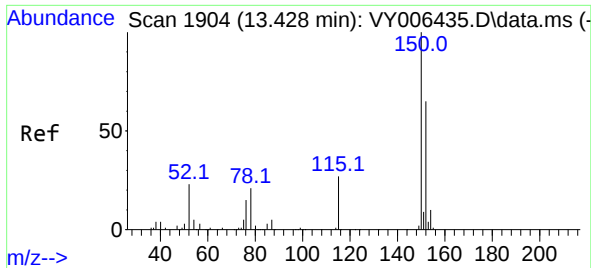
Tgt Ion: 95 Resp: 91271
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

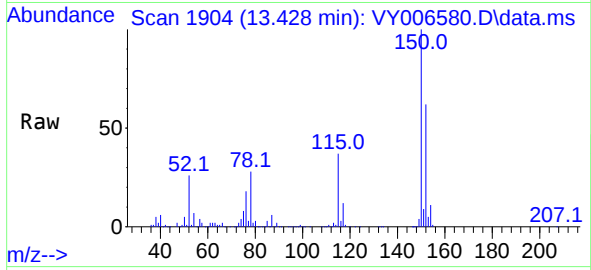
Tgt Ion: 117 Resp: 211590
Ion Ratio Lower Upper
117 100
82 59.0 45.7 68.5
119 32.2 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

Instrument :
MSVOA_Y
ClientSampleId :
T4-EP04-NW



Tgt Ion:152 Resp: 86732
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.5
150 156.8 0.0 348.2

