

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006650.D
 Acq On : 05 Nov 2021 12:29
 Operator : SY/MD
 Sample : M4497-04
 Misc : 5.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-203

Quant Time: Nov 06 20:37:23 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)

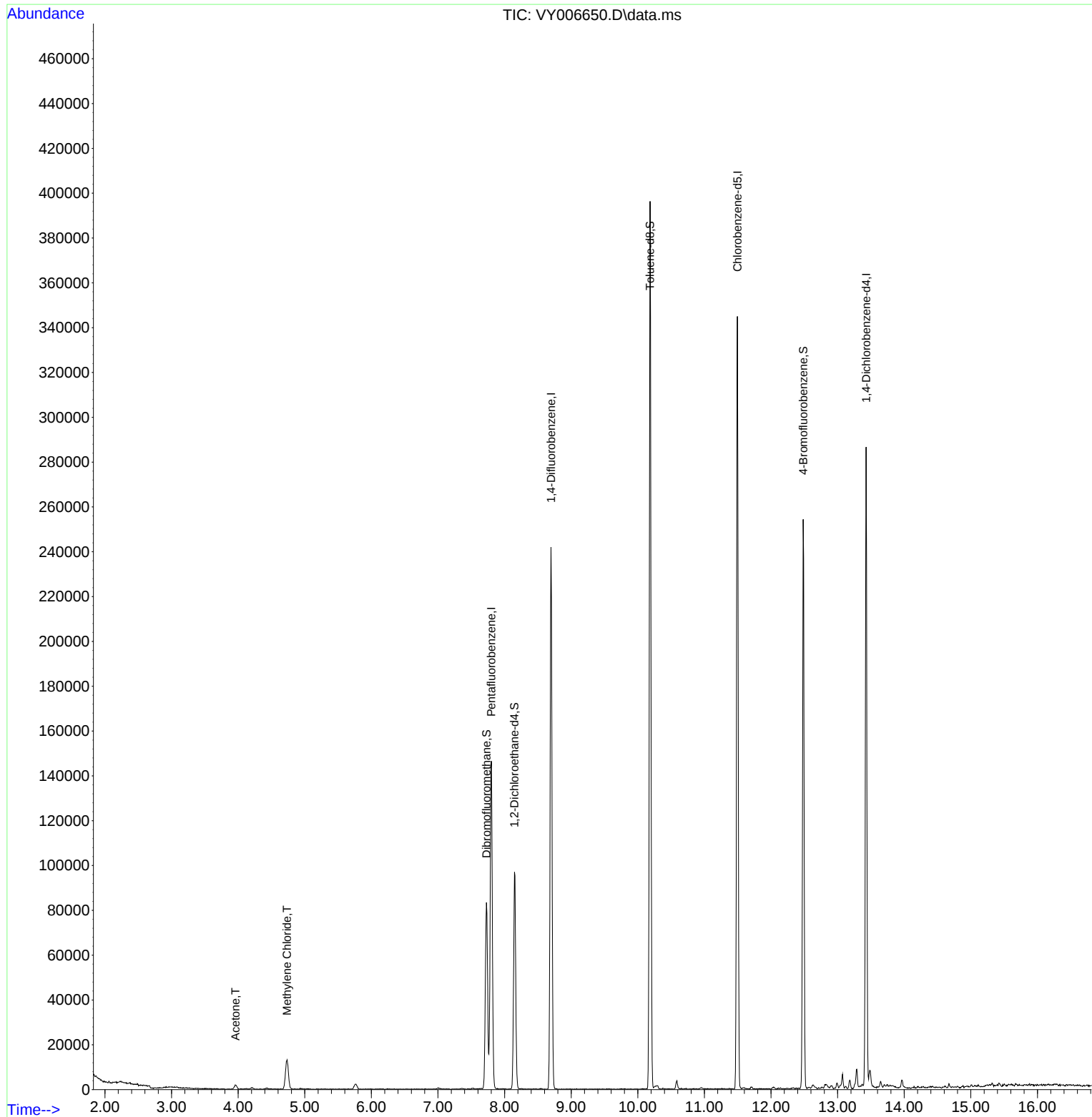
Internal Standards						
1) Pentafluorobenzene	7.801	168	109113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	185524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	170670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76549	57.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.020%
35) Dibromofluoromethane	7.728	113	57197	55.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.620%
50) Toluene-d8	10.185	98	238220	54.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.680%
62) 4-Bromofluorobenzene	12.483	95	71302	48.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.580%
Target Compounds					Qvalue	
16) Acetone	3.960	43	3540	9.156	ug/l	91
20) Methylene Chloride	4.735	84	8977	3.754	ug/l	89

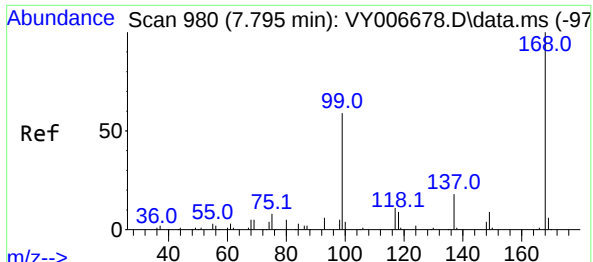
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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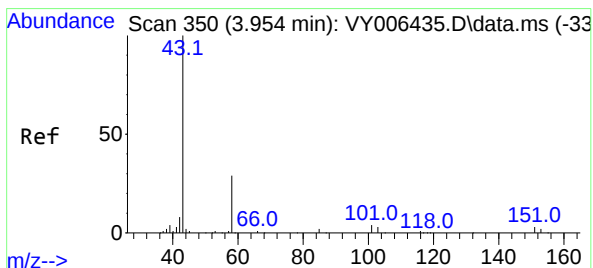
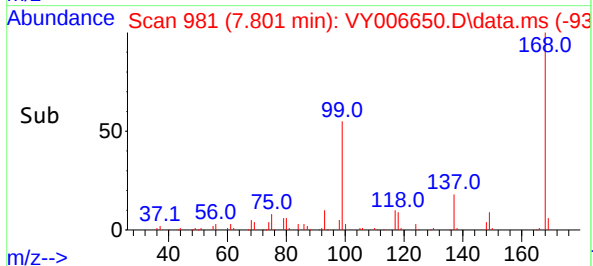
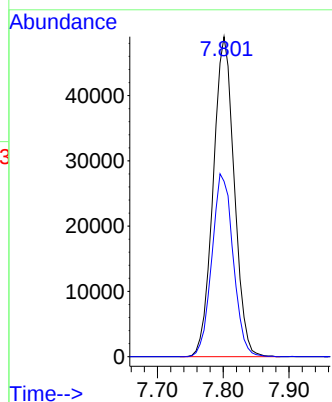
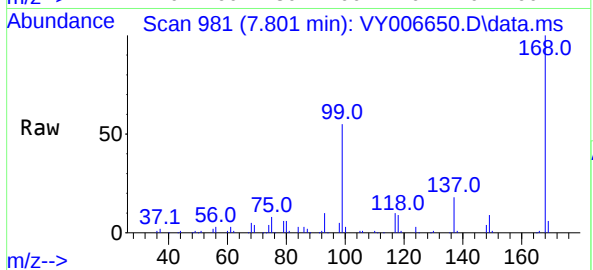




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006650.D
Acq: 05 Nov 2021 12:29

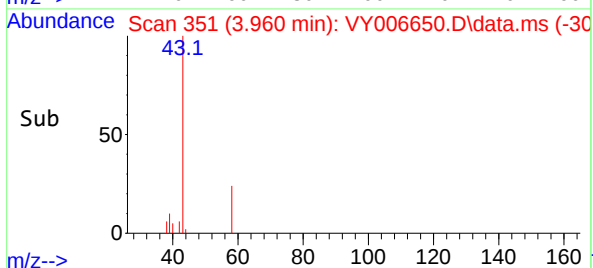
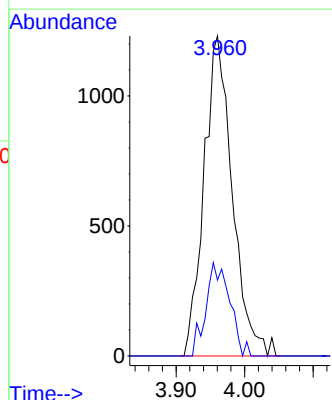
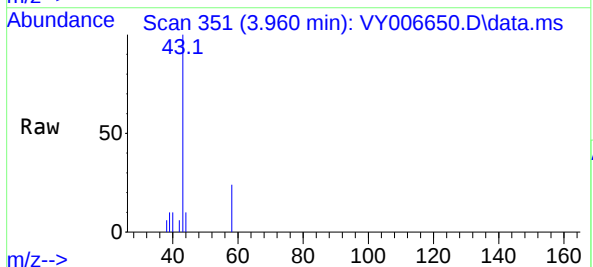
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

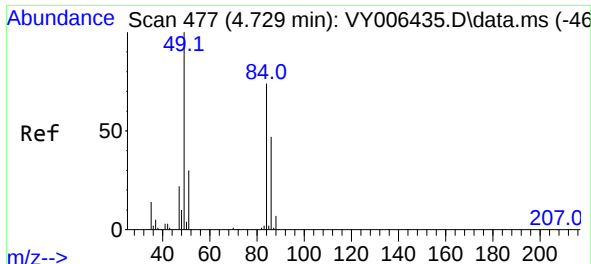
Tgt Ion:168 Resp: 109113
Ion Ratio Lower Upper
168 100
99 54.8 44.8 67.2



#16
Acetone
Concen: 9.156 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006650.D
Acq: 05 Nov 2021 12:29

Tgt Ion: 43 Resp: 3540
Ion Ratio Lower Upper
43 100
58 23.7 22.9 34.3

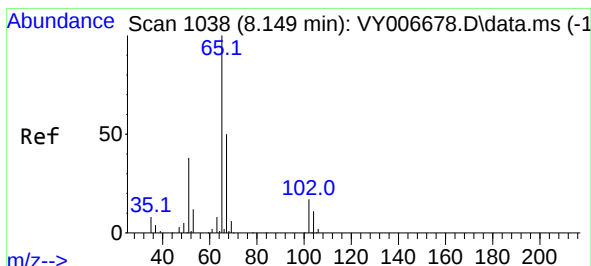
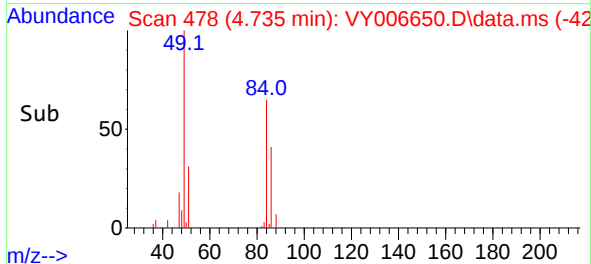
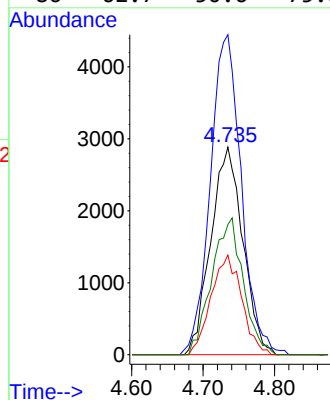
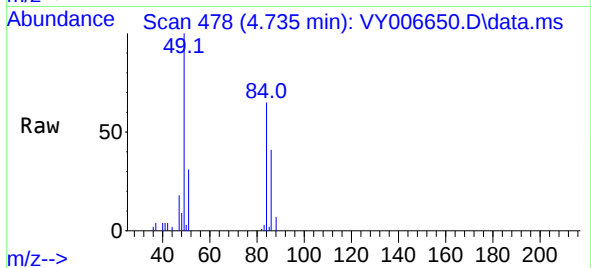




#20
Methylene Chloride
Concen: 3.754 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006650.D
Acq: 05 Nov 2021 12:29

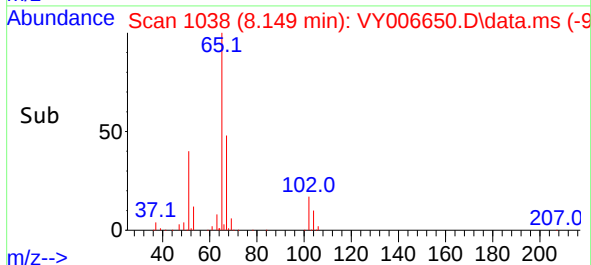
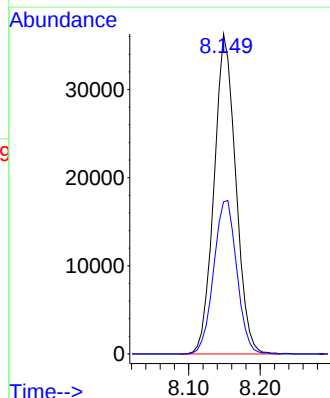
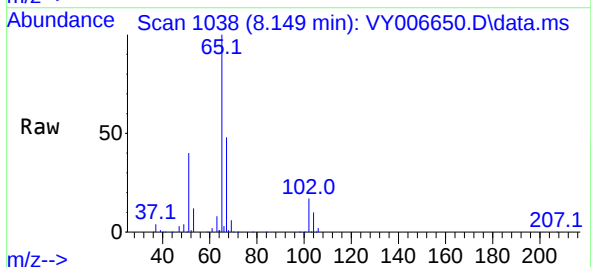
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

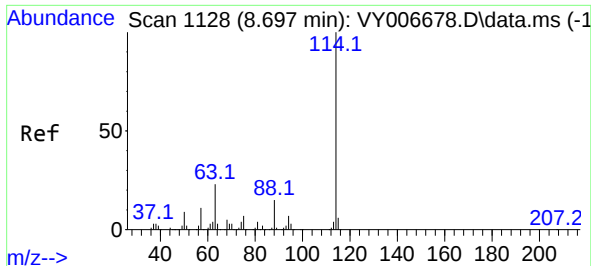
Tgt Ion: 84 Resp: 8977
Ion Ratio Lower Upper
84 100
49 154.2 107.8 161.8
51 48.0 32.8 49.2
86 62.7 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 57.011 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006650.D
Acq: 05 Nov 2021 12:29

Tgt Ion: 65 Resp: 76549
Ion Ratio Lower Upper
65 100
67 51.0 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: VY006650.D

Acq: 05 Nov 2021 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-203

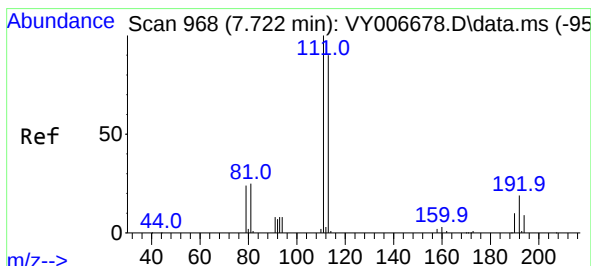
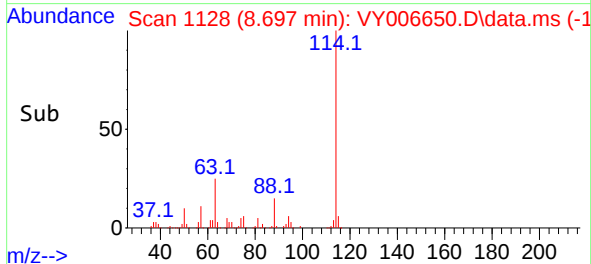
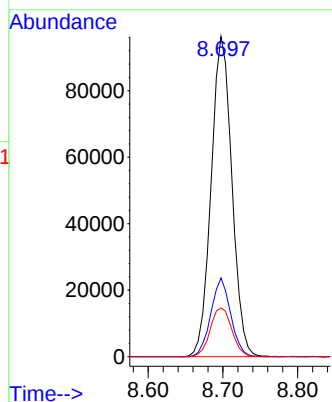
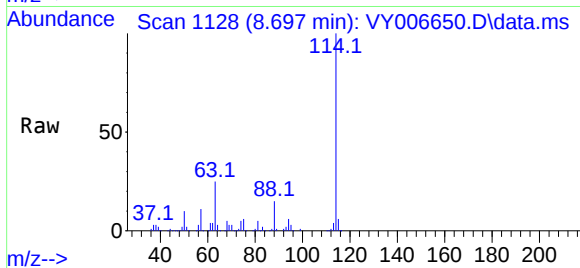
Tgt Ion:114 Resp: 185524

Ion Ratio Lower Upper

114 100

63 24.6 0.0 45.0

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.313 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006650.D

Acq: 05 Nov 2021 12:29

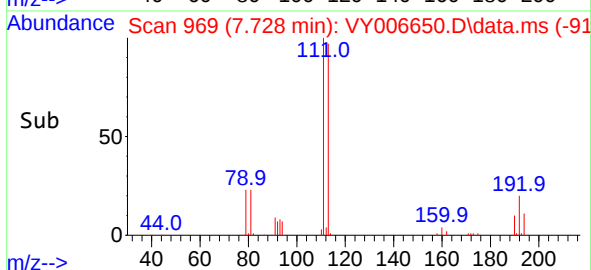
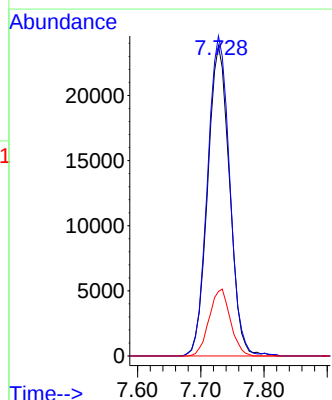
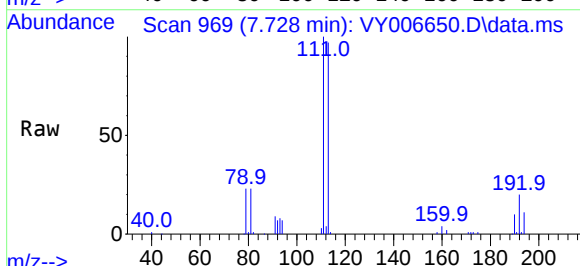
Tgt Ion:113 Resp: 57197

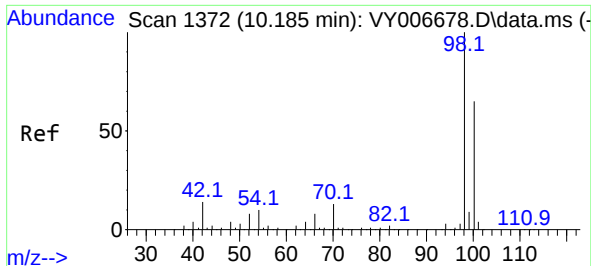
Ion Ratio Lower Upper

113 100

111 104.1 82.3 123.5

192 20.8 17.4 26.2

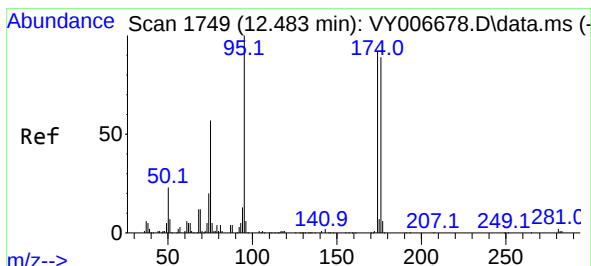
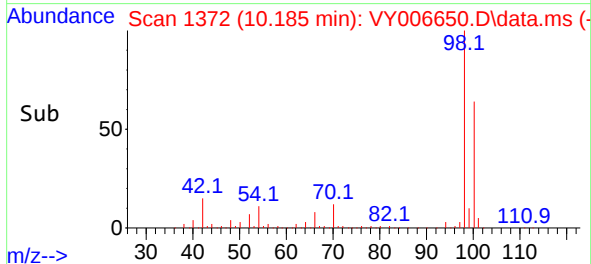
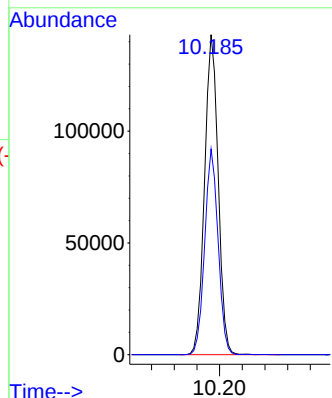
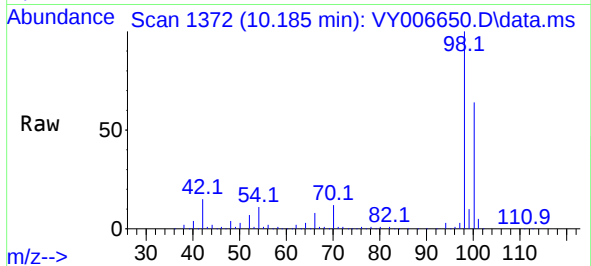




#50
Toluene-d8
Concen: 54.344 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006650.D
Acq: 05 Nov 2021 12:29

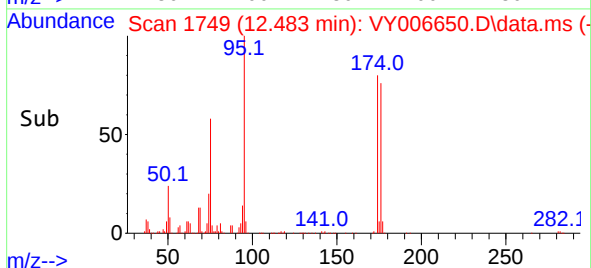
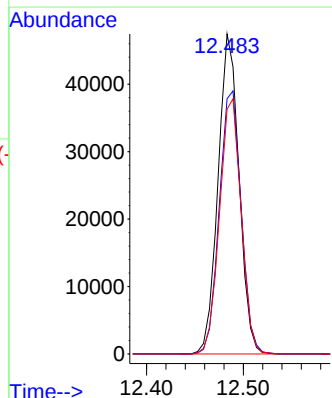
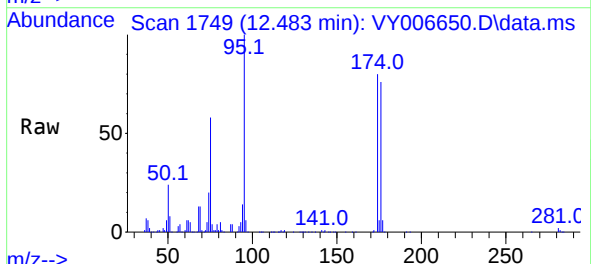
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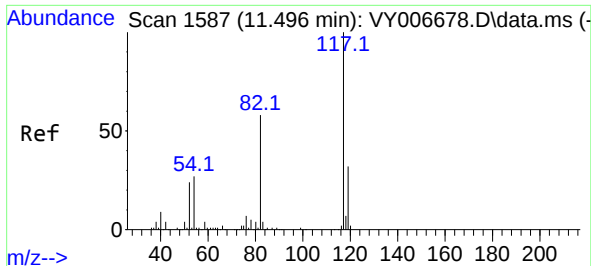
Tgt Ion: 98 Resp: 238220
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.287 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006650.D
Acq: 05 Nov 2021 12:29

Tgt Ion: 95 Resp: 71302
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 82.4 0.0 169.4

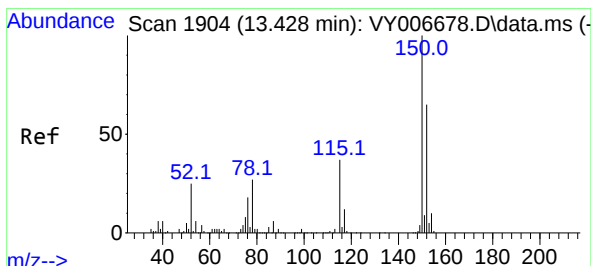
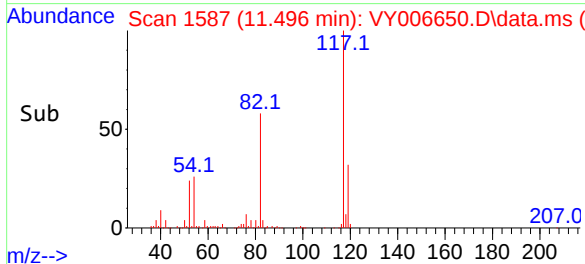
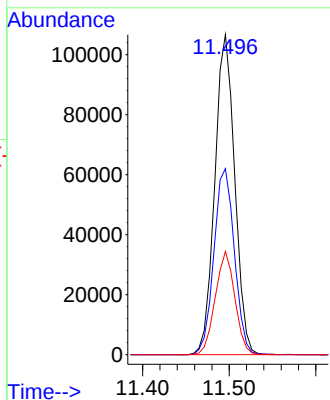
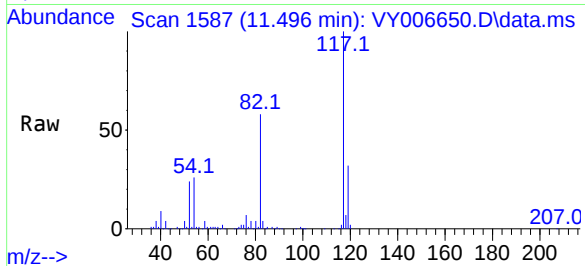




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006650.D
Acq: 05 Nov 2021 12:29

Instrument :
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Tgt Ion:	117	Resp:	170670
Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.7	68.5
119	32.3	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: VY006650.D
Acq: 05 Nov 2021 12:29

Tgt Ion:	152	Resp:	66769
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.5	85.5
150	157.8	0.0	348.2

