

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006612.D
 Acq On : 03 Nov 2021 19:28
 Operator : SY/MD
 Sample : M4448-02
 Misc : 7.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-224

Quant Time: Nov 03 21:24:00 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)

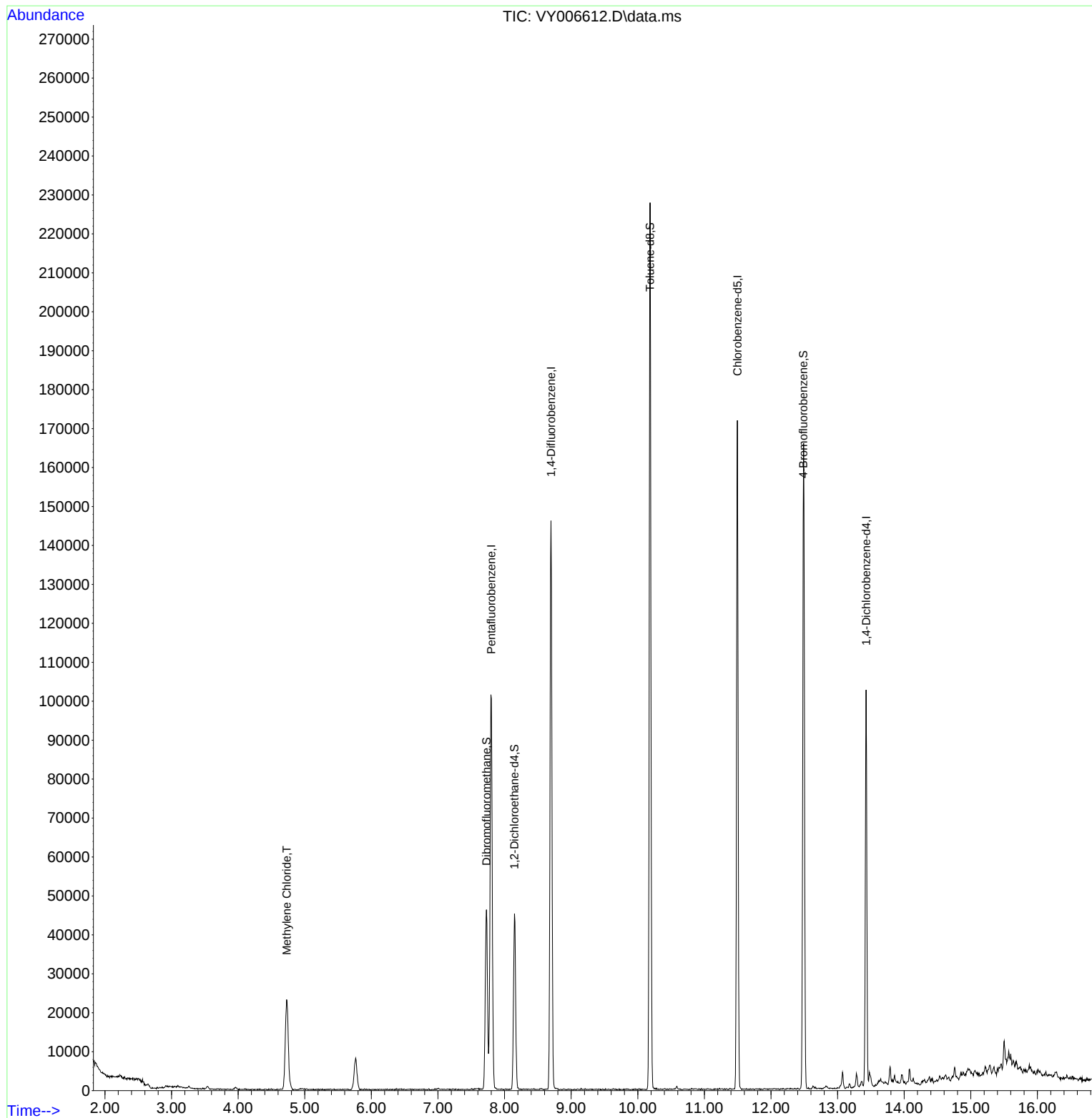
Internal Standards						
1) Pentafluorobenzene	7.801	168	76824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	115394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	83632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	36215	38.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.620%
35) Dibromofluoromethane	7.728	113	32047	49.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.185	98	140315	51.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.920%
62) 4-Bromofluorobenzene	12.483	95	29123	31.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.420%
Target Compounds						
20) Methylene Chloride	4.729	84	15755	15.897	ug/l	Qvalue 87

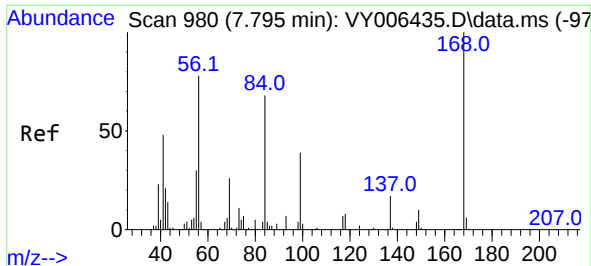
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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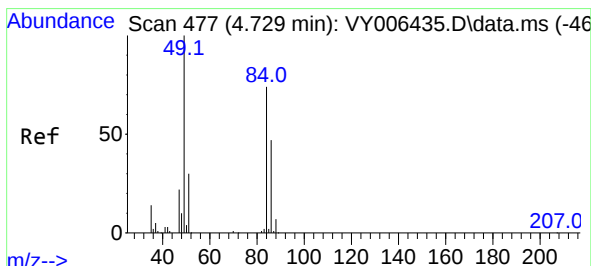
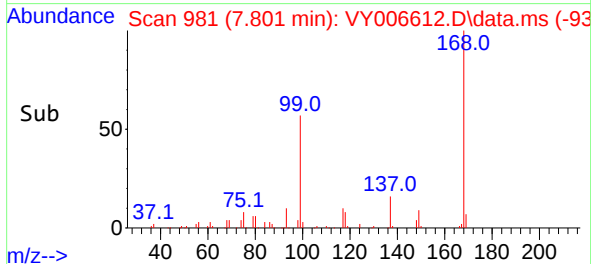
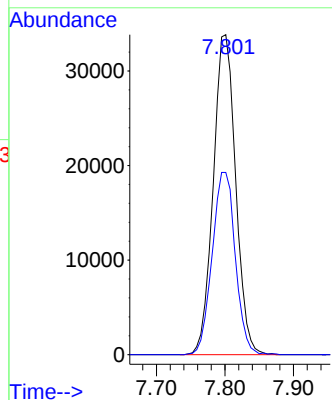
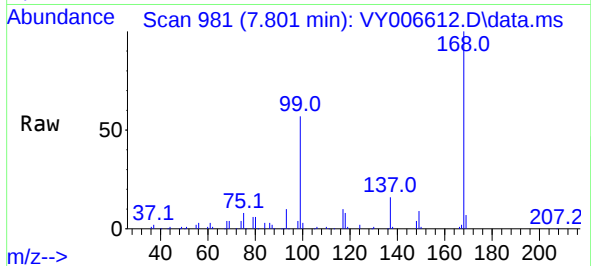




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

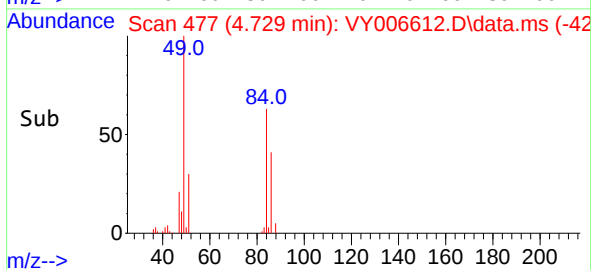
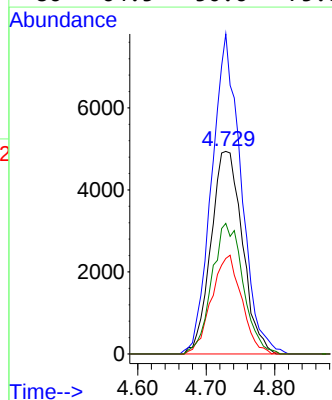
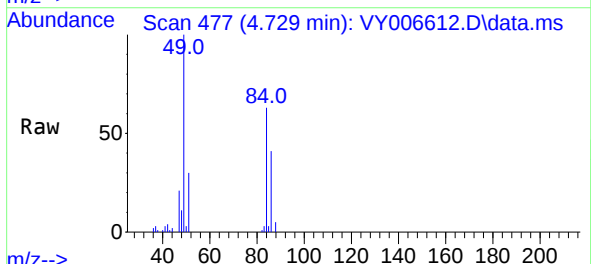
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-224

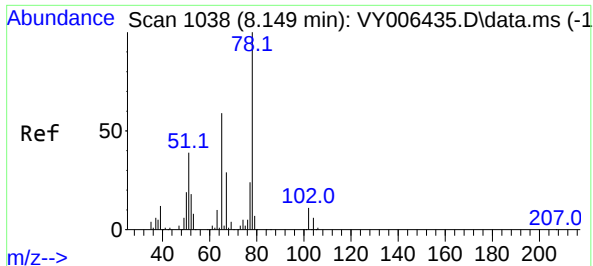
Tgt Ion:168 Resp: 76824
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2



#20
Methylene Chloride
Concen: 15.897 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Tgt Ion: 84 Resp: 15755
Ion Ratio Lower Upper
84 100
49 157.9 107.8 161.8
51 47.2 32.8 49.2
86 64.5 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 38.308 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006612.D

Acq: 03 Nov 2021 19:28

Instrument :

MSVOA_Y

ClientSampleId :

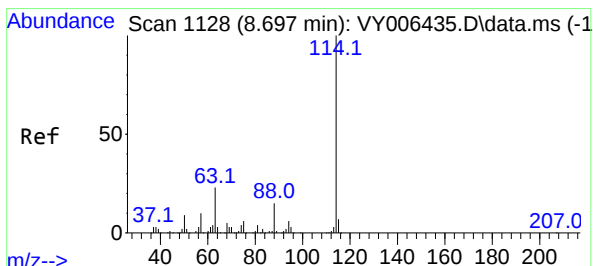
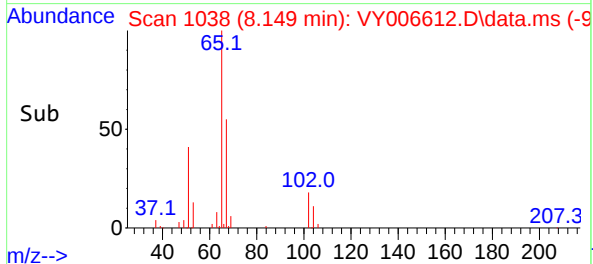
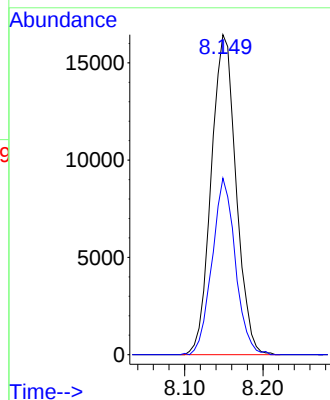
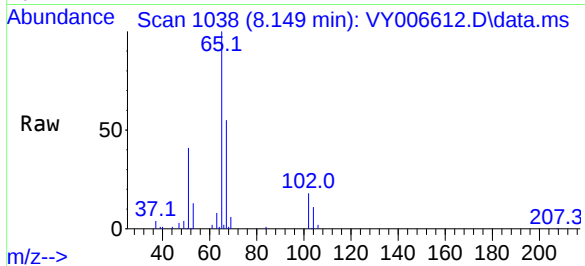
VNJ-224

Tgt Ion: 65 Resp: 36215

Ion Ratio Lower Upper

65 100

67 51.7 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: VY006612.D

Acq: 03 Nov 2021 19:28

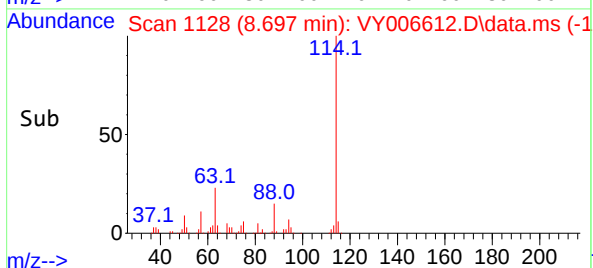
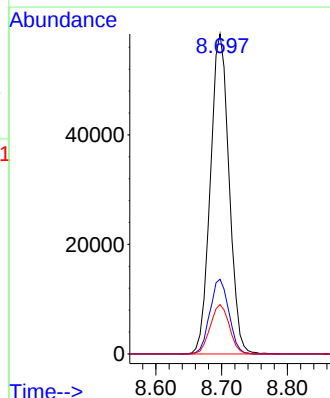
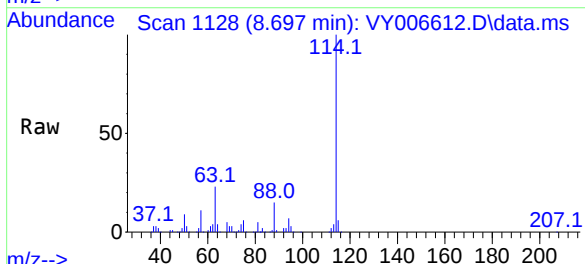
Tgt Ion: 114 Resp: 115394

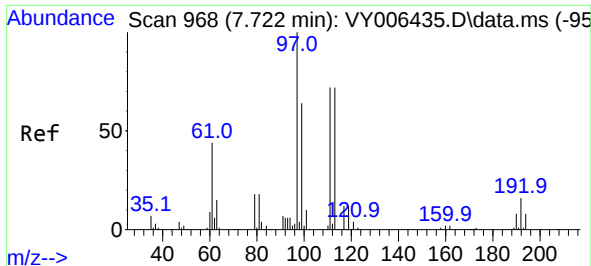
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.826 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY006612.D

Acq: 03 Nov 2021 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-224

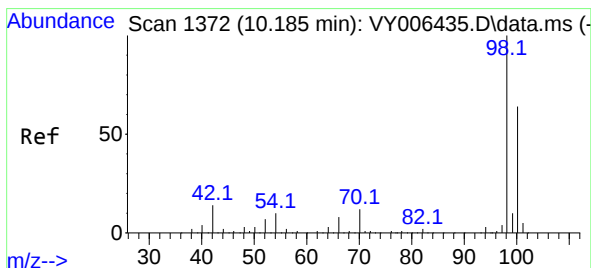
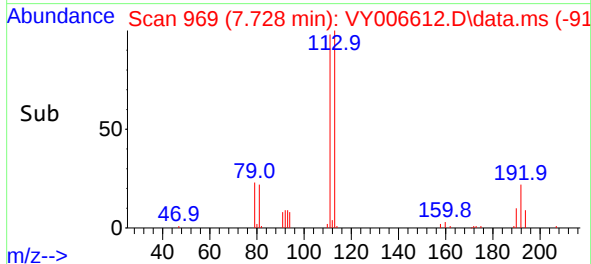
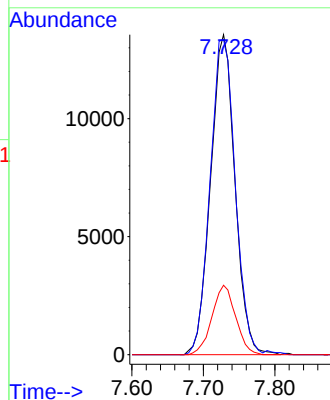
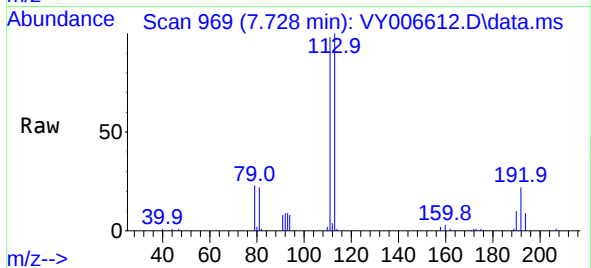
Tgt Ion:113 Resp: 32047

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

192 21.1 17.4 26.2



#50

Toluene-d8

Concen: 51.463 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY006612.D

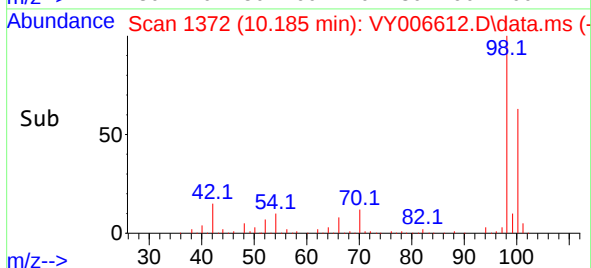
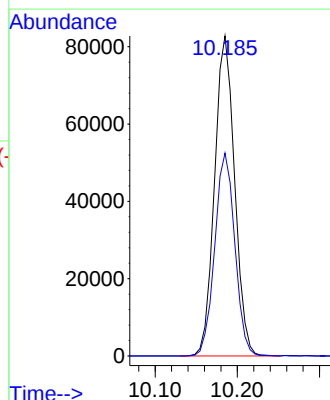
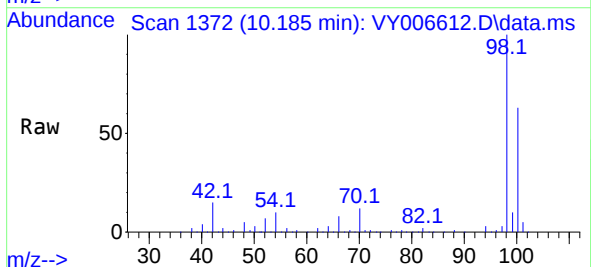
Acq: 03 Nov 2021 19:28

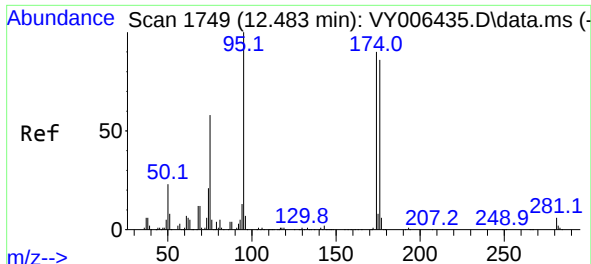
Tgt Ion: 98 Resp: 140315

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3

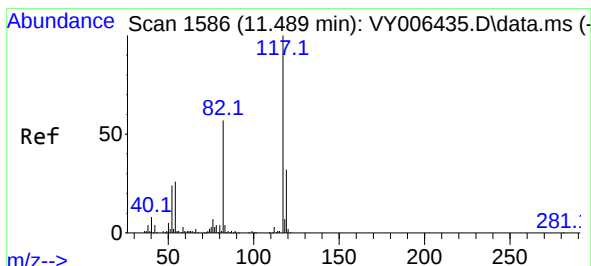
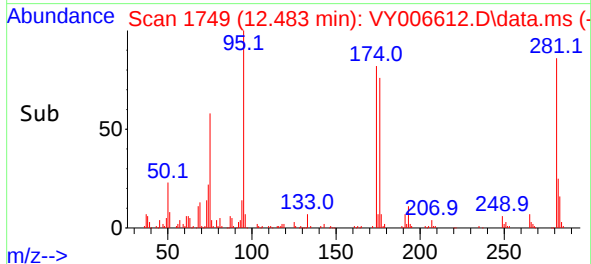
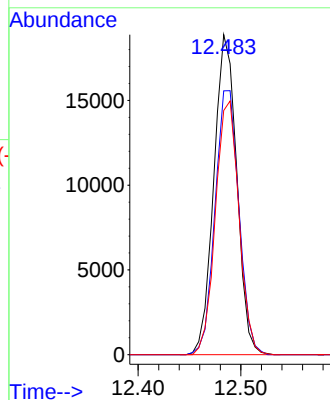
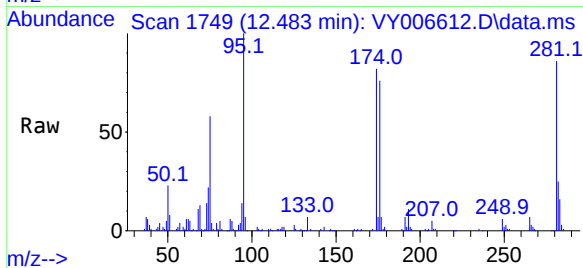




#62
4-Bromofluorobenzene
Concen: 31.709 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

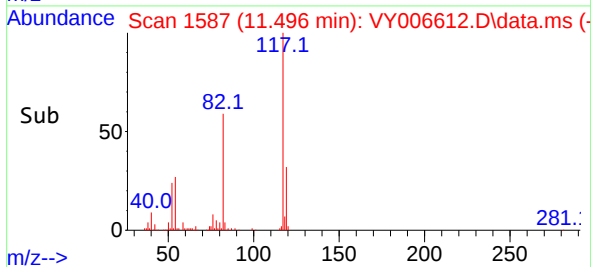
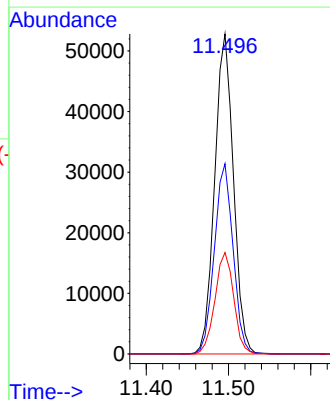
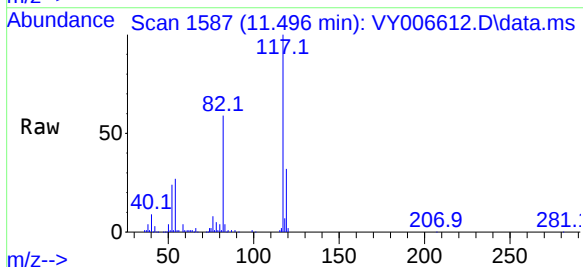
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Tgt Ion: 95	Resp: 29123
Ion Ratio	Lower Upper
95 100	
174 86.2	0.0 177.0
176 81.5	0.0 169.4

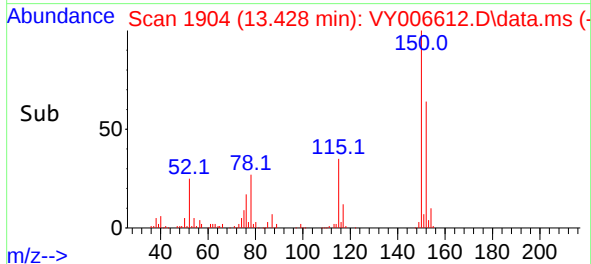
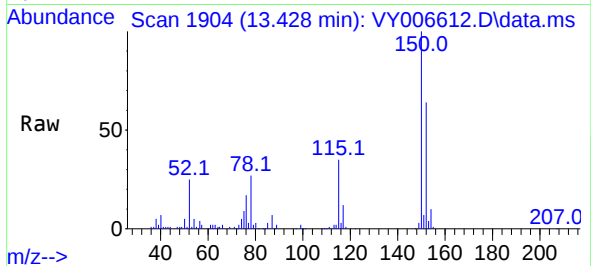
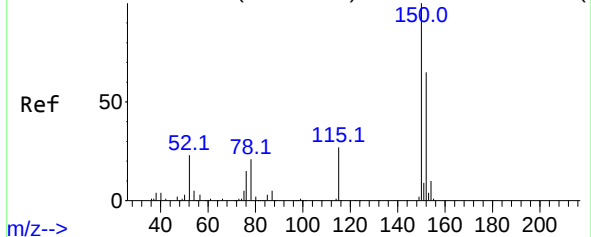


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Tgt Ion:117	Resp:	83632	
Ion	Ratio	Lower	Upper
117	100		
82	59.4	45.7	68.5
119	31.7	25.5	38.3



Abundance Scan 1904 (13.428 min): VY006435.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: VY006612.D
Acq: 03 Nov 2021 19:28

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-224

Tgt Ion:	152	Resp:	24058
Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.5	85.5
150	159.9	0.0	348.2

