

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069741.D
 Acq On : 4 Dec 2021 1:50
 Operator : JC/MD
 Sample : M4922-12 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20211130

Quant Time: Dec 04 05:40:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

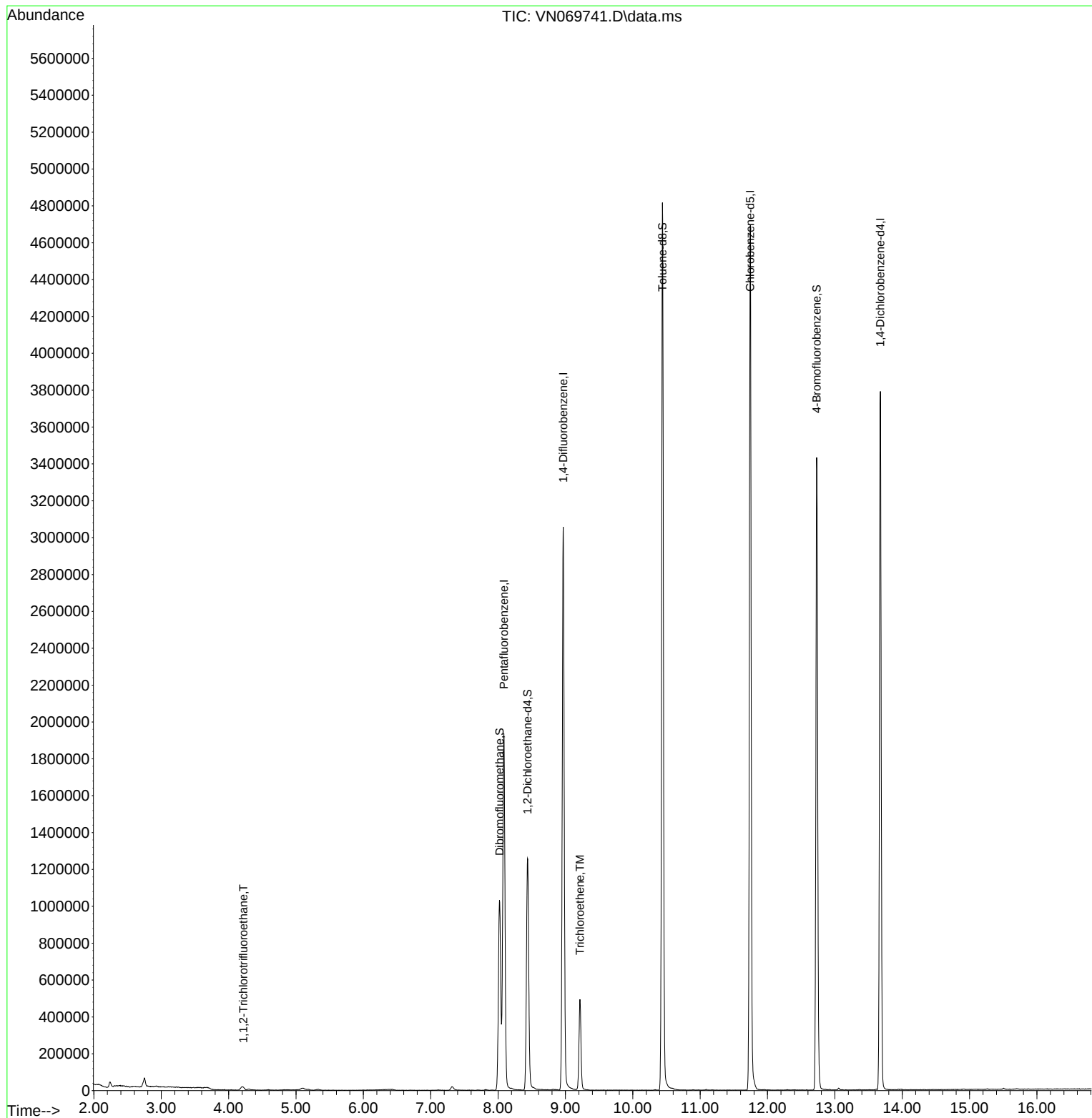
Internal Standards						
1) Pentafluorobenzene	8.086	168	1440906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2552830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2634685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1000481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1100529	49.467	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.940%
35) Dibromofluoromethane	8.021	113	756386	47.303	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.600%
50) Toluene-d8	10.440	98	3262749	50.816	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.731	95	1227759	52.783	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.560%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.218	101	9512	0.668	ug/l #	49
44) Trichloroethene	9.215	130	169385	9.554	ug/l	90

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

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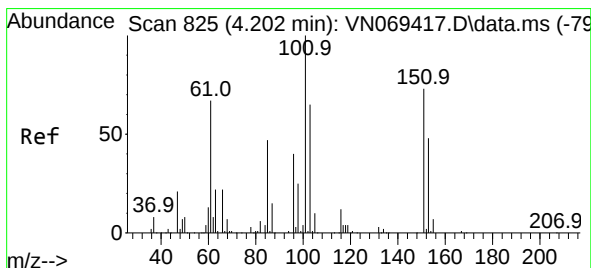
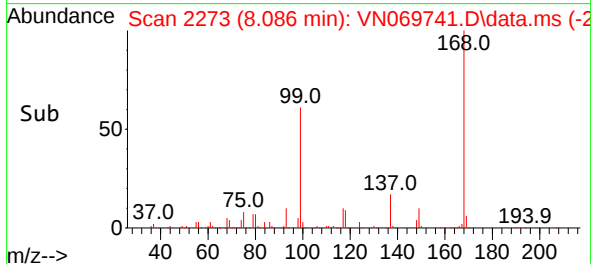
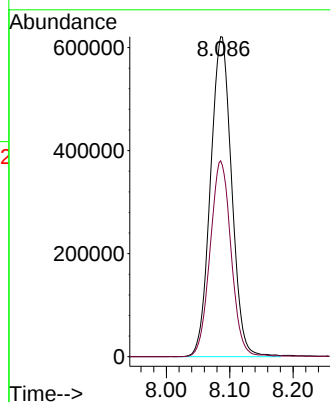
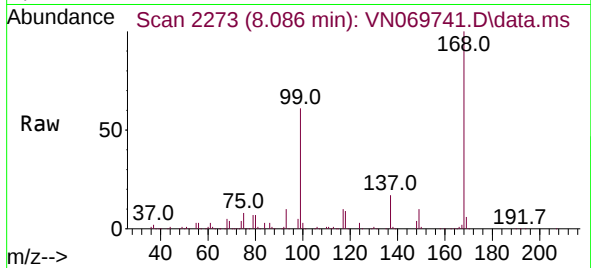




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069741.D
Acq: 4 Dec 2021 1:50

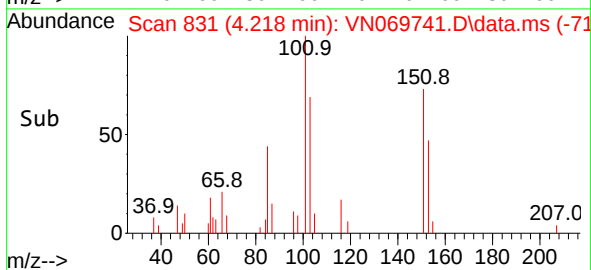
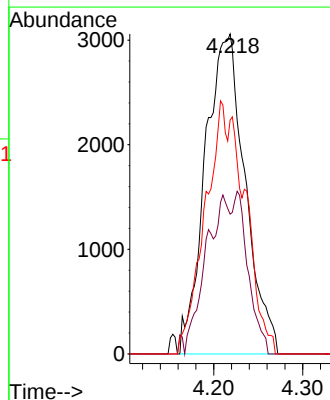
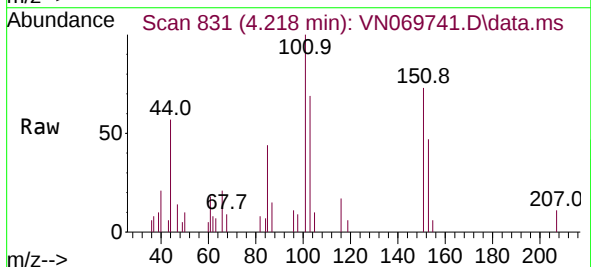
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20211130

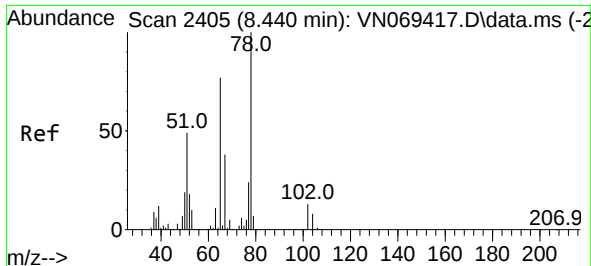
Tgt Ion:168 Resp: 1440906
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.668 ug/l
RT: 4.218 min Scan# 831
Delta R.T. 0.016 min
Lab File: VN069741.D
Acq: 4 Dec 2021 1:50

Tgt Ion:101 Resp: 9512
Ion Ratio Lower Upper
101 100
85 3.4 37.2 55.8#
151 44.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.467 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069741.D

Acq: 4 Dec 2021 1:50

Instrument :

MSVOA_N

ClientSampleId :

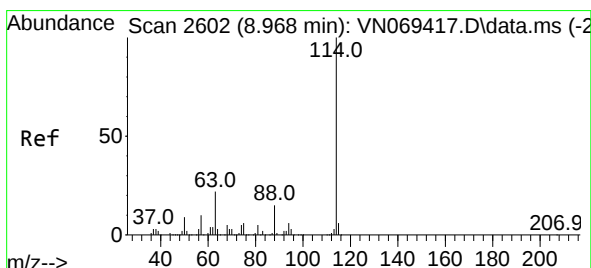
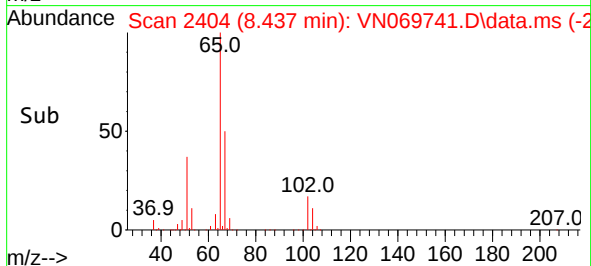
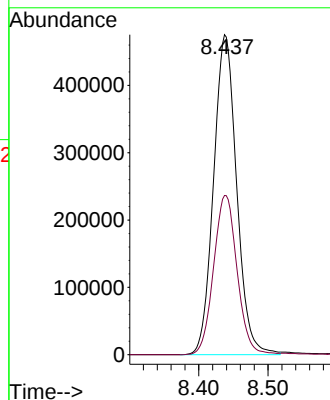
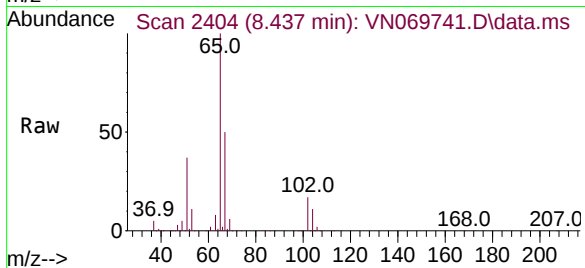
DUP02-20211130

Tgt Ion: 65 Resp: 1100529

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069741.D

Acq: 4 Dec 2021 1:50

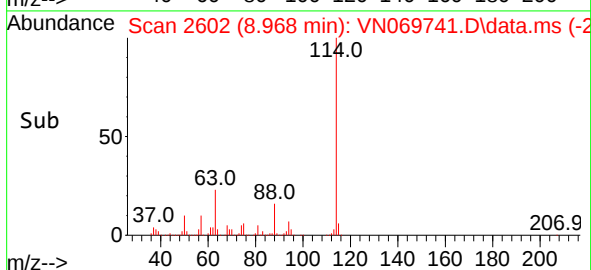
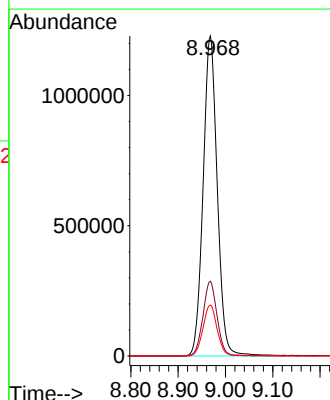
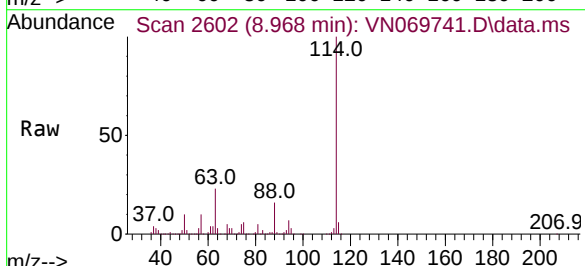
Tgt Ion: 114 Resp: 2552830

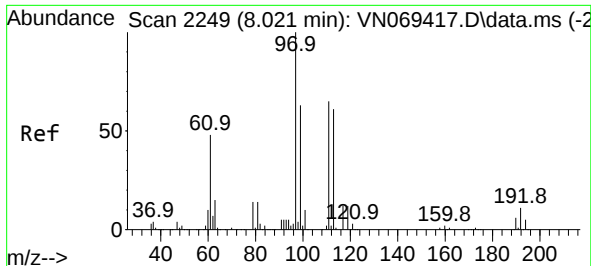
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 15.9 0.0 27.4

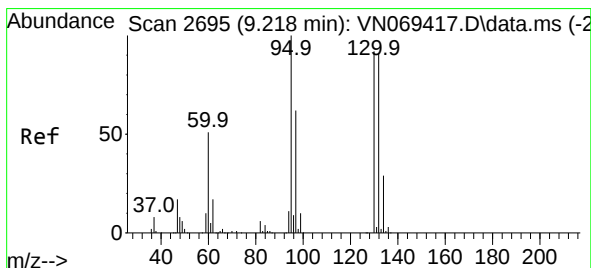
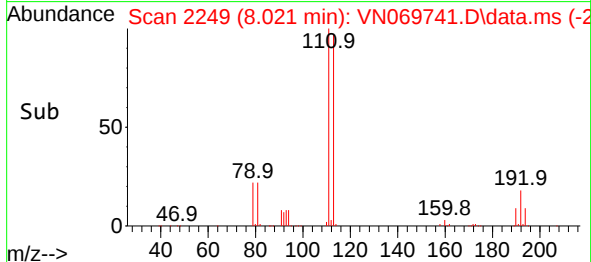
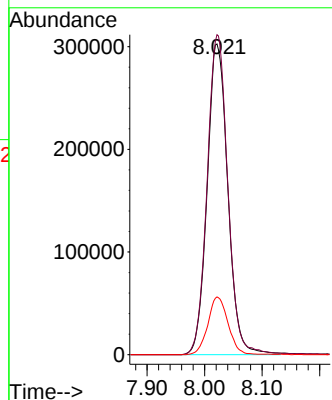
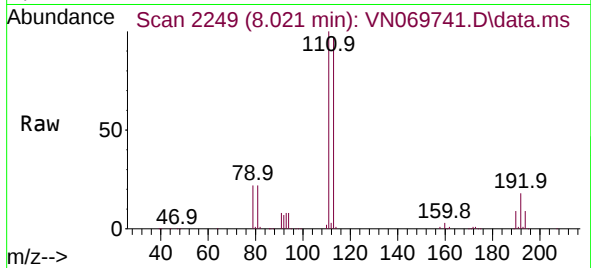




#35
 Dibromofluoromethane
 Concen: 47.303 ug/l
 RT: 8.021 min Scan# 211
 Delta R.T. -0.002 min
 Lab File: VN069741.D
 Acq: 4 Dec 2021 1:50

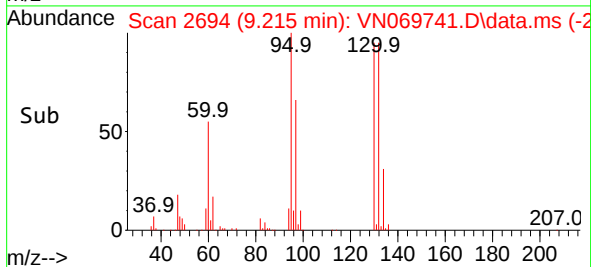
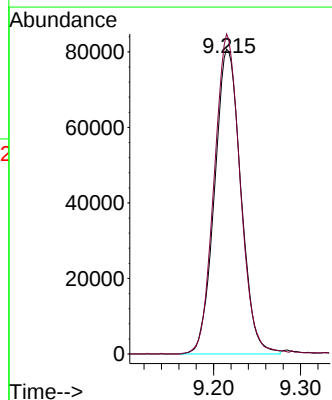
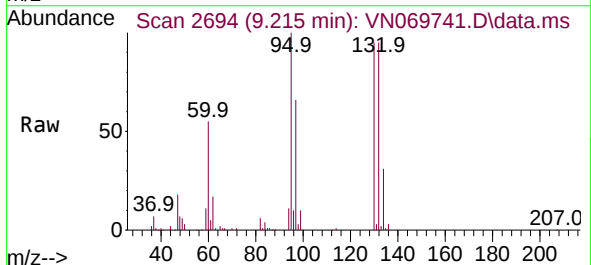
Instrument :
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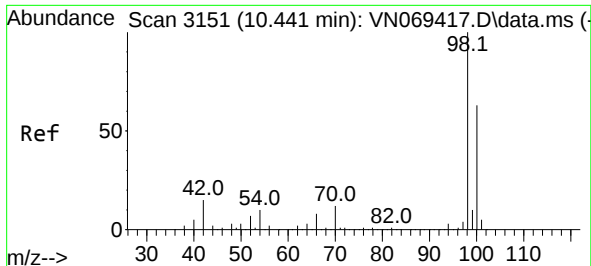
Tgt Ion:113 Resp: 756386
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.2
 192 18.2 16.9 25.3



#44
 Trichloroethene
 Concen: 9.554 ug/l
 RT: 9.215 min Scan# 2694
 Delta R.T. -0.002 min
 Lab File: VN069741.D
 Acq: 4 Dec 2021 1:50

Tgt Ion:130 Resp: 169385
 Ion Ratio Lower Upper
 130 100
 95 105.0 0.0 191.2

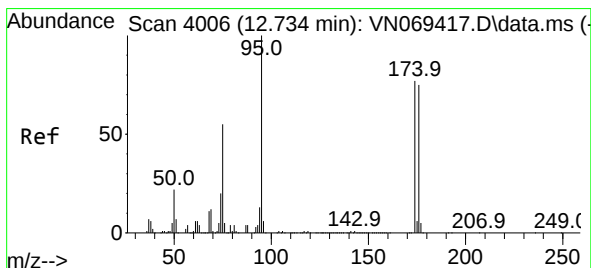
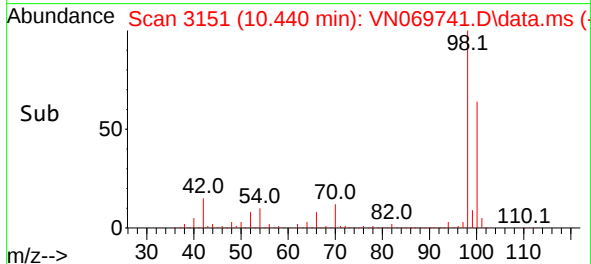
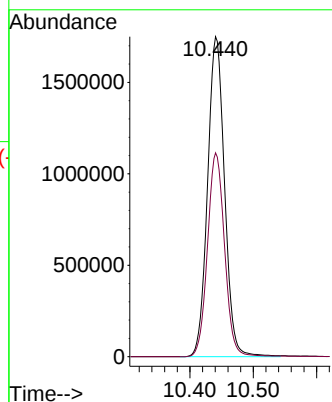
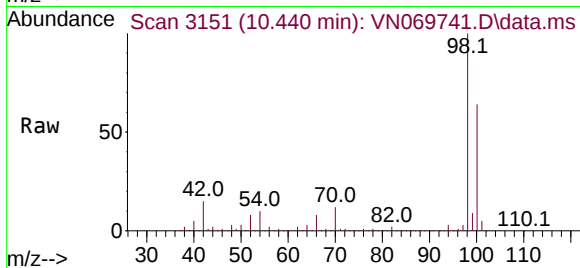




#50
Toluene-d8
Concen: 50.816 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069741.D
Acq: 4 Dec 2021 1:50

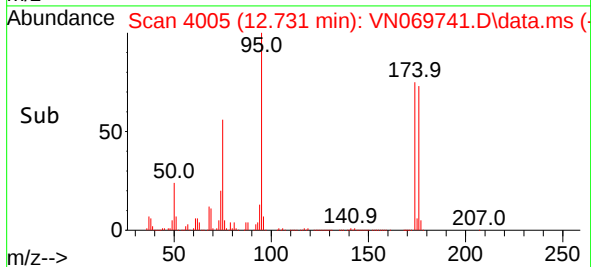
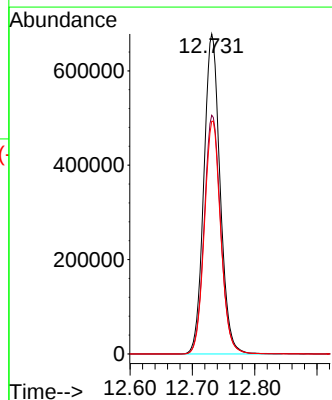
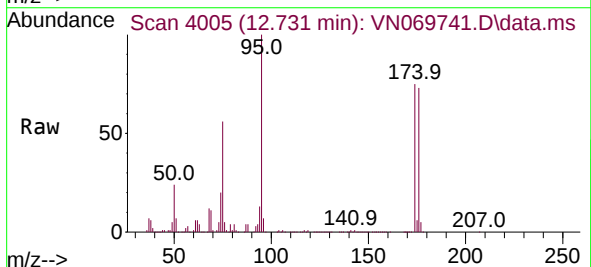
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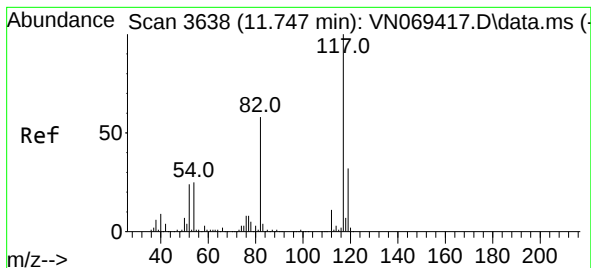
Tgt Ion: 98 Resp: 3262749
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.783 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069741.D
Acq: 4 Dec 2021 1:50

Tgt Ion: 95 Resp: 1227759
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

Lab File: VN069741.D

Acq: 4 Dec 2021 1:50

Instrument :

MSVOA_N

ClientSampleId :

DUP02-20211130

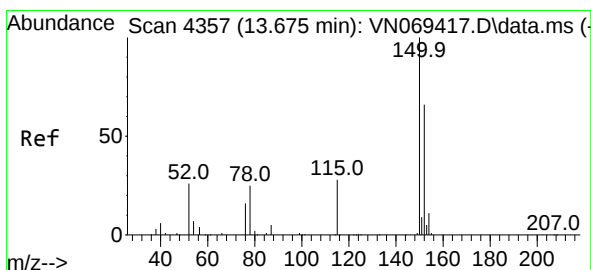
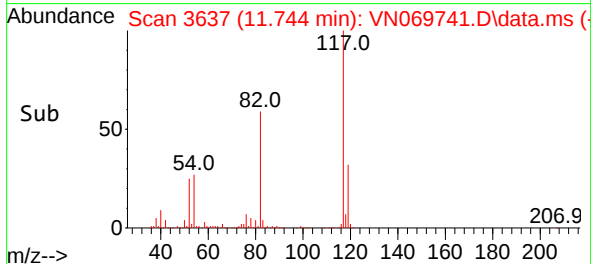
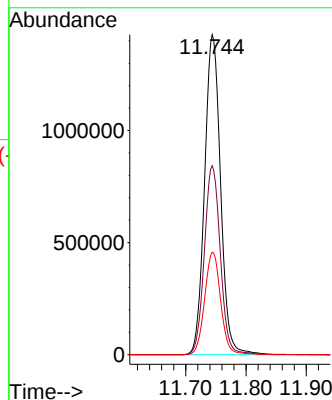
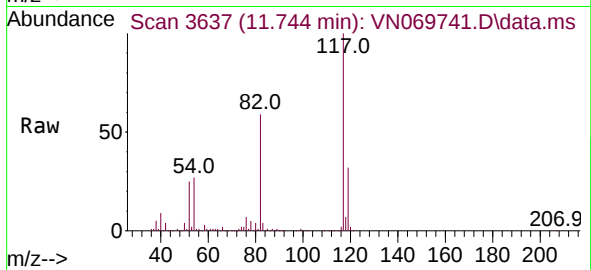
Tgt Ion:117 Resp: 2634685

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

119 32.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.002 min

Lab File: VN069741.D

Acq: 4 Dec 2021 1:50

Tgt Ion:152 Resp: 1000481

Ion Ratio Lower Upper

152 100

115 61.0 27.5 82.5

150 159.6 0.0 344.4

