

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069963.D
 Acq On : 10 Dec 2021 17:15
 Operator : JC/MD
 Sample : M4970-02DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19DL

Quant Time: Dec 11 05:21:32 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)

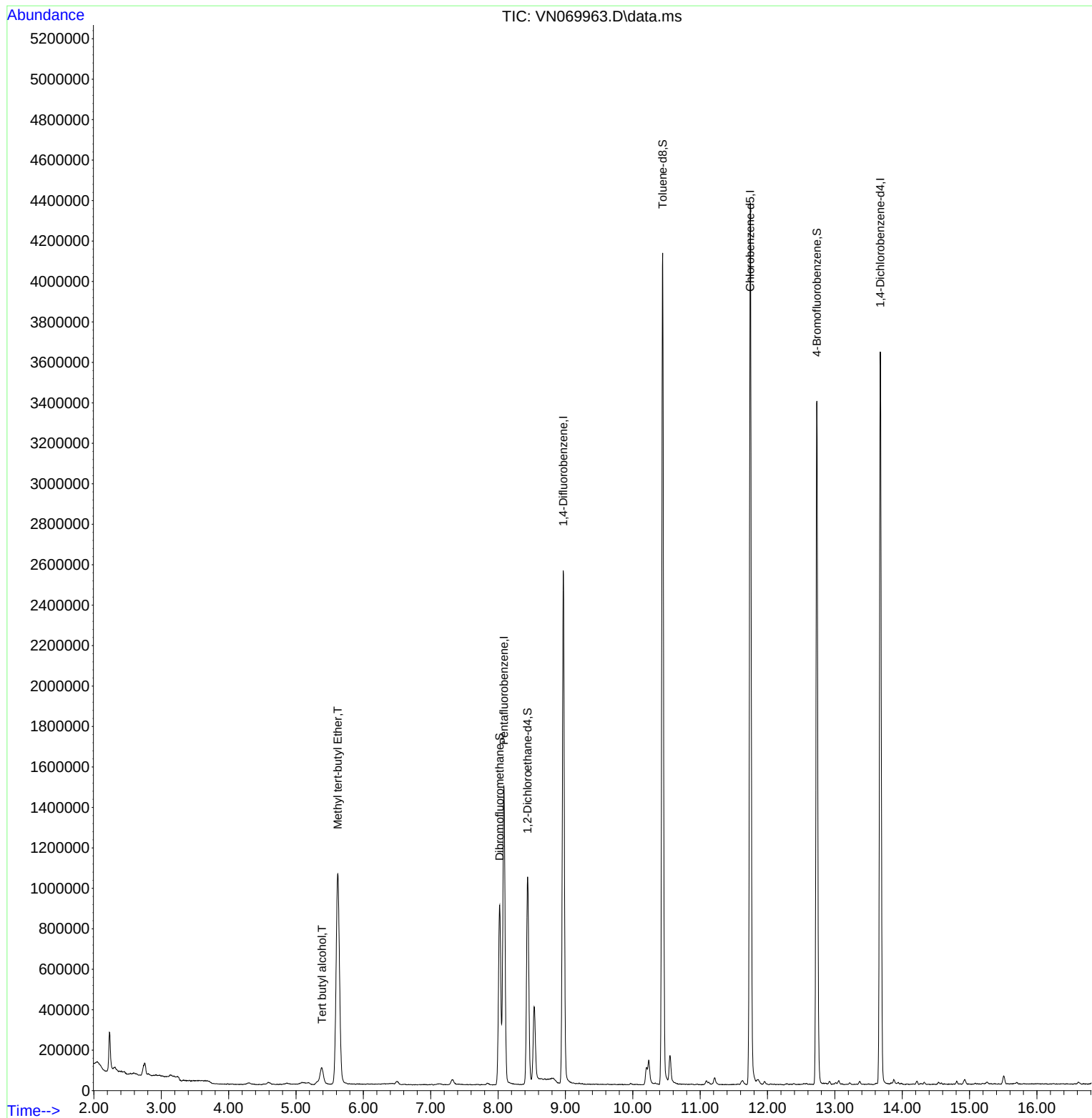
Internal Standards						
1) Pentafluorobenzene	8.088	168	1092719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2087647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2382694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	962581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	891034	52.813	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.620%	
35) Dibromofluoromethane	8.024	113	653453	49.971	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.940%	
50) Toluene-d8	10.443	98	2745864	52.295	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.733	95	1154082	60.671	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 121.340%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.385	59	156725	49.143	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	1601111	39.562	ug/l	96

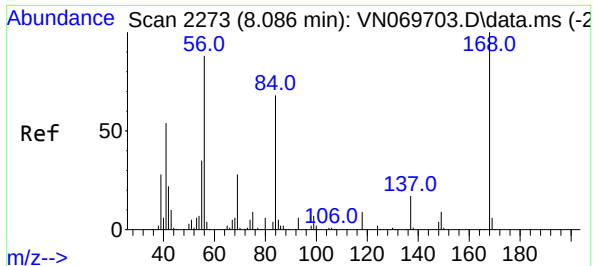
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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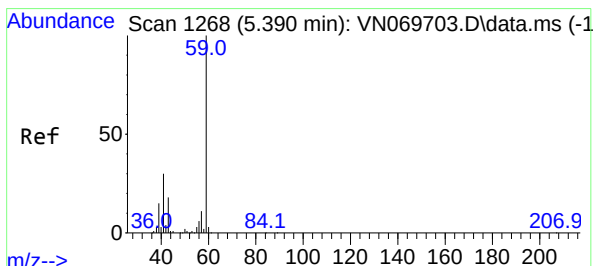
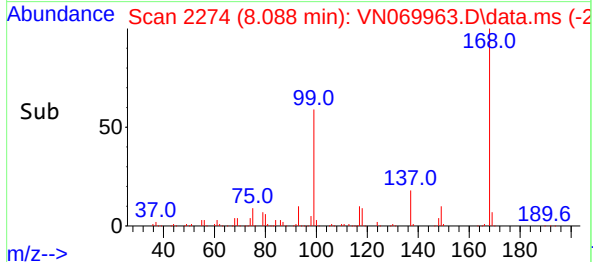
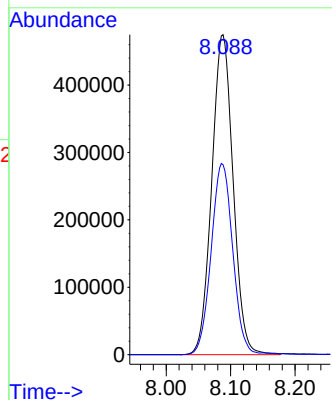
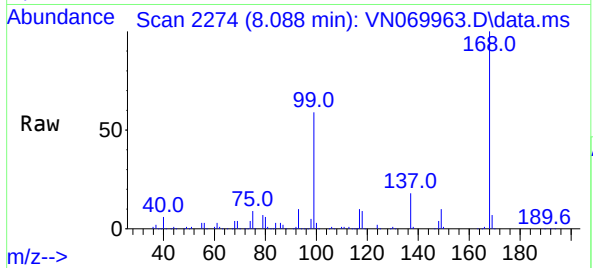




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069963.D
Acq: 10 Dec 2021 17:15

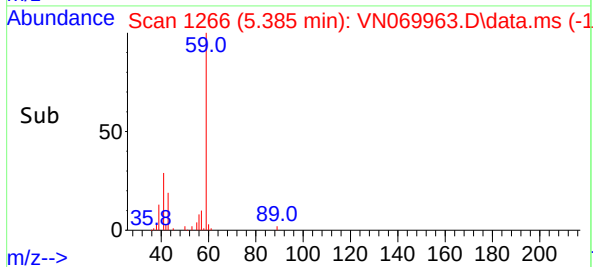
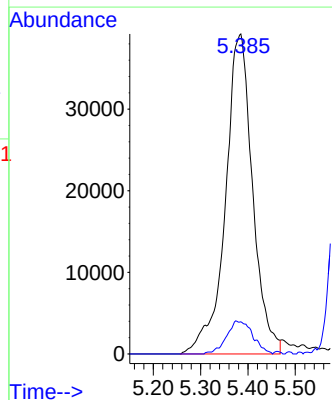
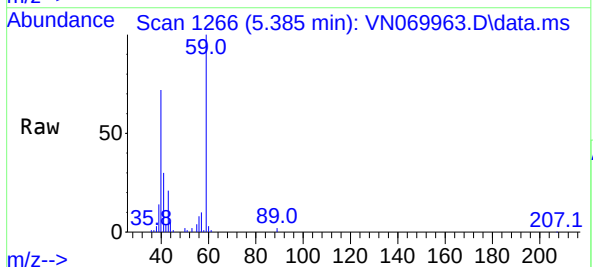
Instrument :
MSVOA_N
ClientSampleId :
MW-19DL

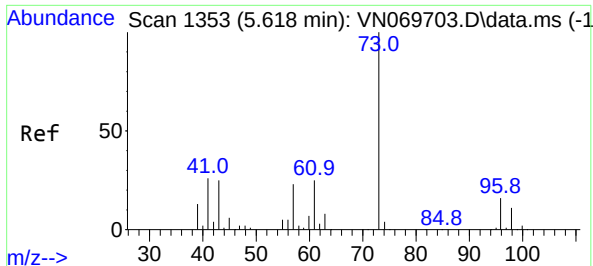
Tgt Ion:168 Resp: 1092719
Ion Ratio Lower Upper
168 100
99 59.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 49.143 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN069963.D
Acq: 10 Dec 2021 17:15

Tgt Ion: 59 Resp: 156725
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1





#19

Methyl tert-butyl Ether

Concen: 39.562 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN069963.D

Acq: 10 Dec 2021 17:15

Instrument :

MSVOA_N

ClientSampleId :

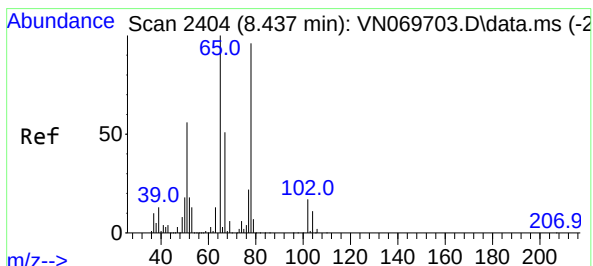
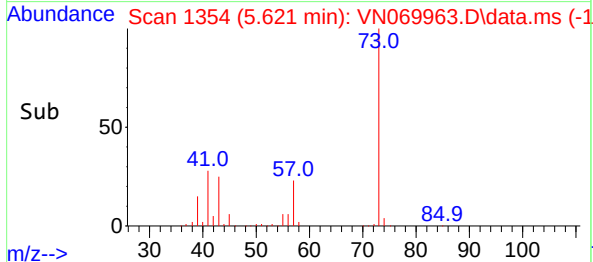
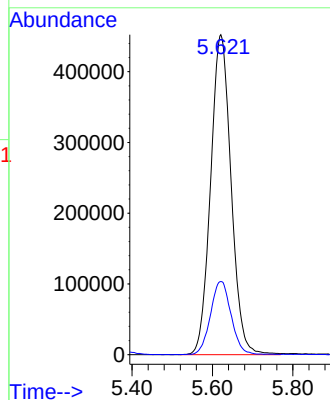
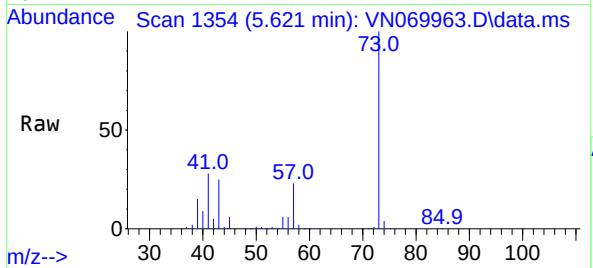
MW-19DL

Tgt Ion: 73 Resp: 1601111

Ion Ratio Lower Upper

73 100

57 22.8 16.8 25.2



#33

1,2-Dichloroethane-d4

Concen: 52.813 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069963.D

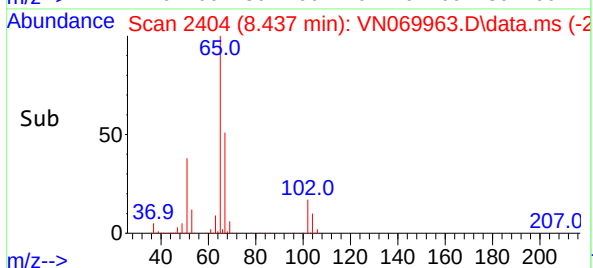
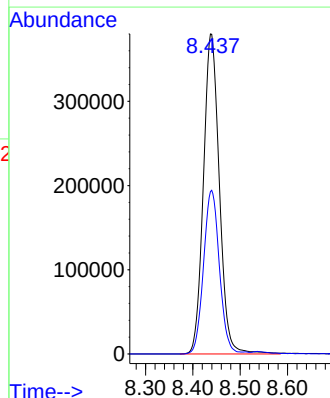
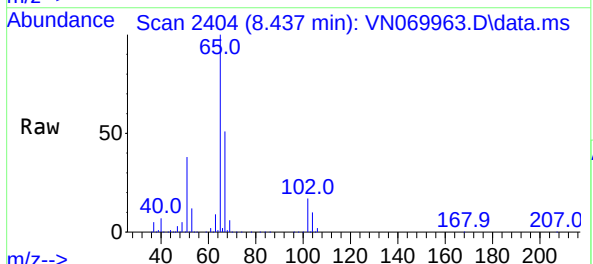
Acq: 10 Dec 2021 17:15

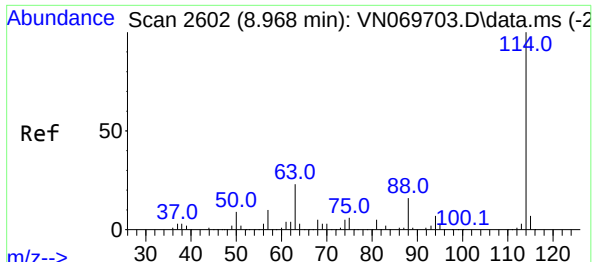
Tgt Ion: 65 Resp: 891034

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# 2

Delta R.T. -0.000 min

Lab File: VN069963.D

Acq: 10 Dec 2021 17:15

Instrument :

MSVOA_N

ClientSampleId :

MW-19DL

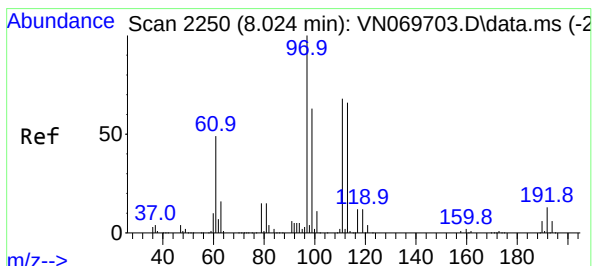
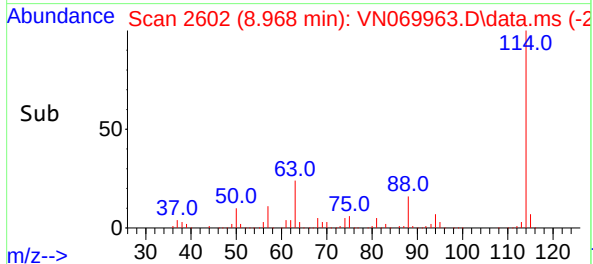
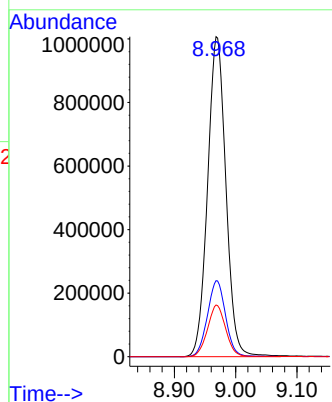
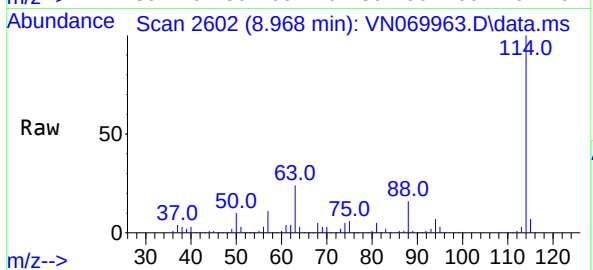
Tgt Ion:114 Resp: 2087647

Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.971 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN069963.D

Acq: 10 Dec 2021 17:15

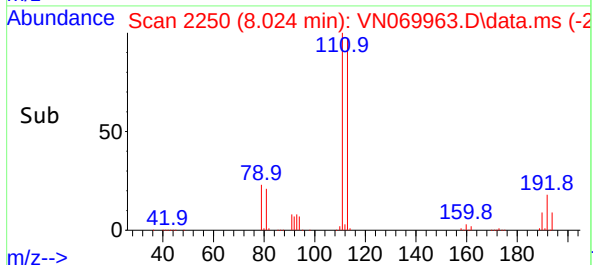
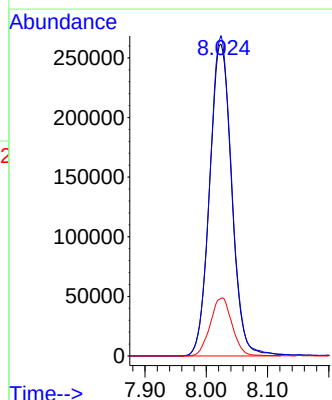
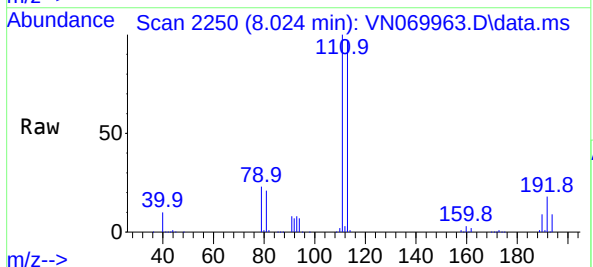
Tgt Ion:113 Resp: 653453

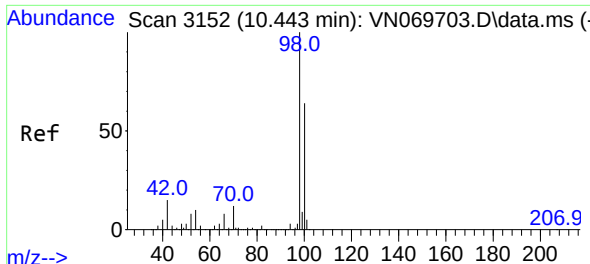
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

192 18.5 16.9 25.3

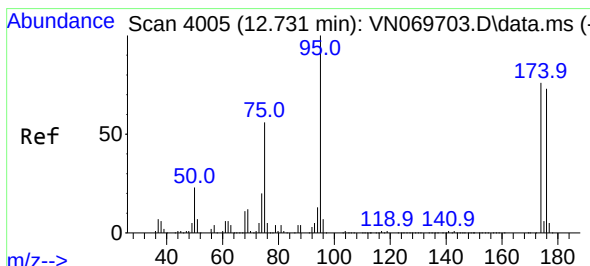
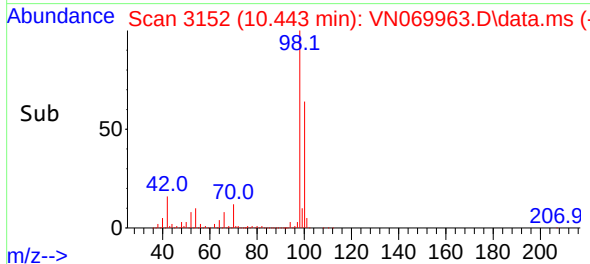
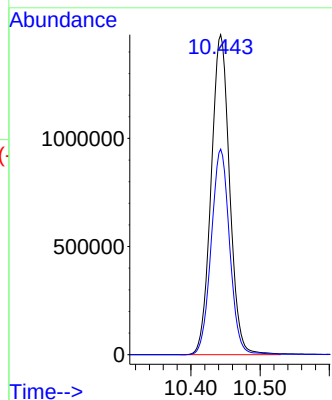
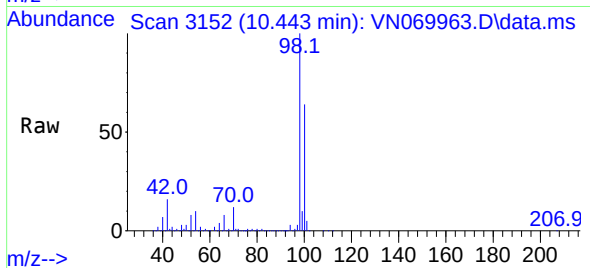




#50
Toluene-d8
Concen: 52.295 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069963.D
Acq: 10 Dec 2021 17:15

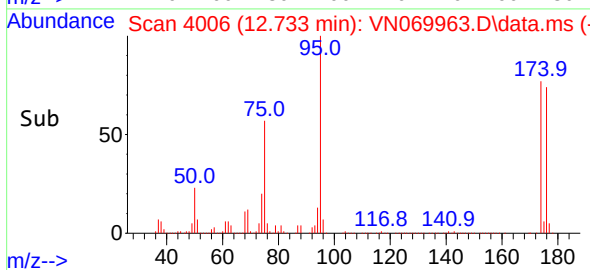
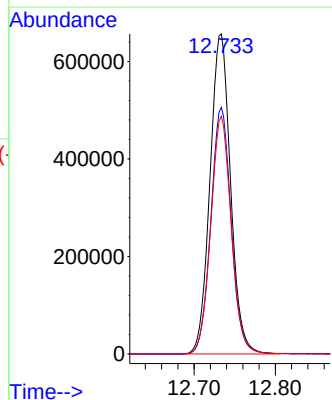
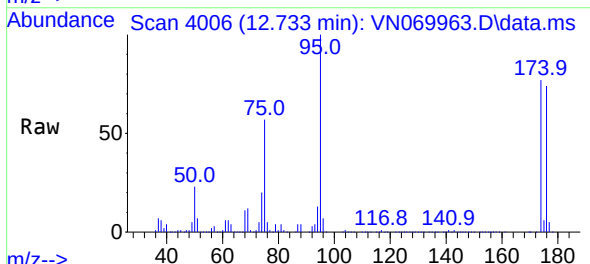
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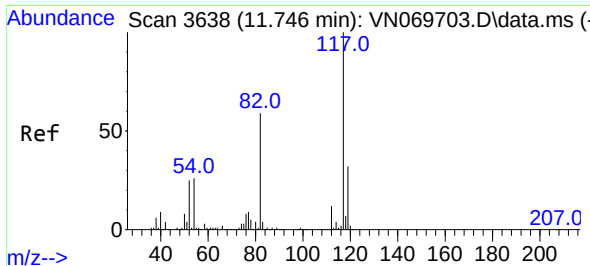
Tgt Ion: 98 Resp: 2745864
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 60.671 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069963.D
Acq: 10 Dec 2021 17:15

Tgt Ion: 95 Resp: 1154082
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.5 0.0 181.4



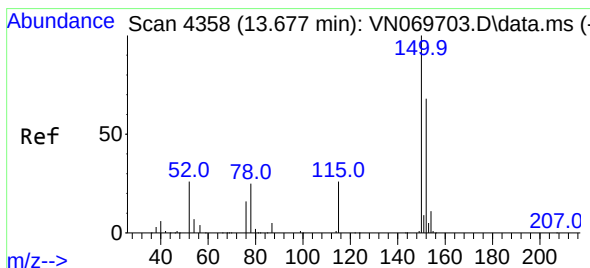
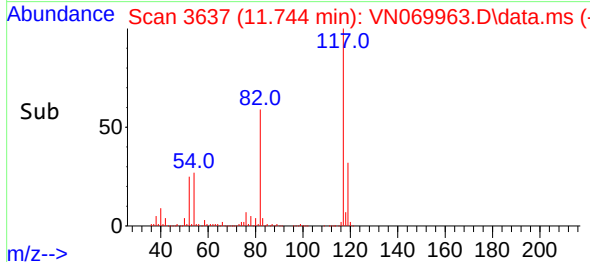
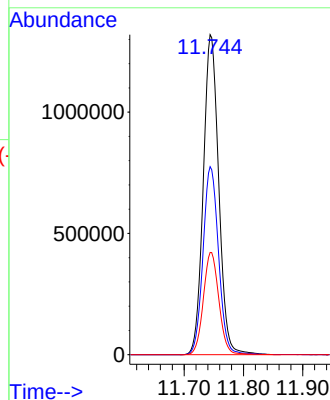
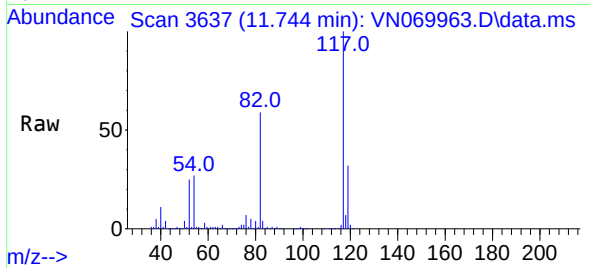


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069963.D
Acq: 10 Dec 2021 17:15

Instrument :
MSVOA_N
ClientSampleId :
MW-19DL

Tgt Ion:117 Resp: 2382694

Ion	Ratio	Lower	Upper
117	100		
82	58.8	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. -0.003 min
Lab File: VN069963.D
Acq: 10 Dec 2021 17:15

Tgt Ion:152 Resp: 962581

Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.5	82.5
150	158.2	0.0	344.4

