

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070044.D
 Acq On : 13 Dec 2021 21:09
 Operator : JC/MD
 Sample : VN1213WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBL02

Quant Time: Dec 14 07:28:17 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)

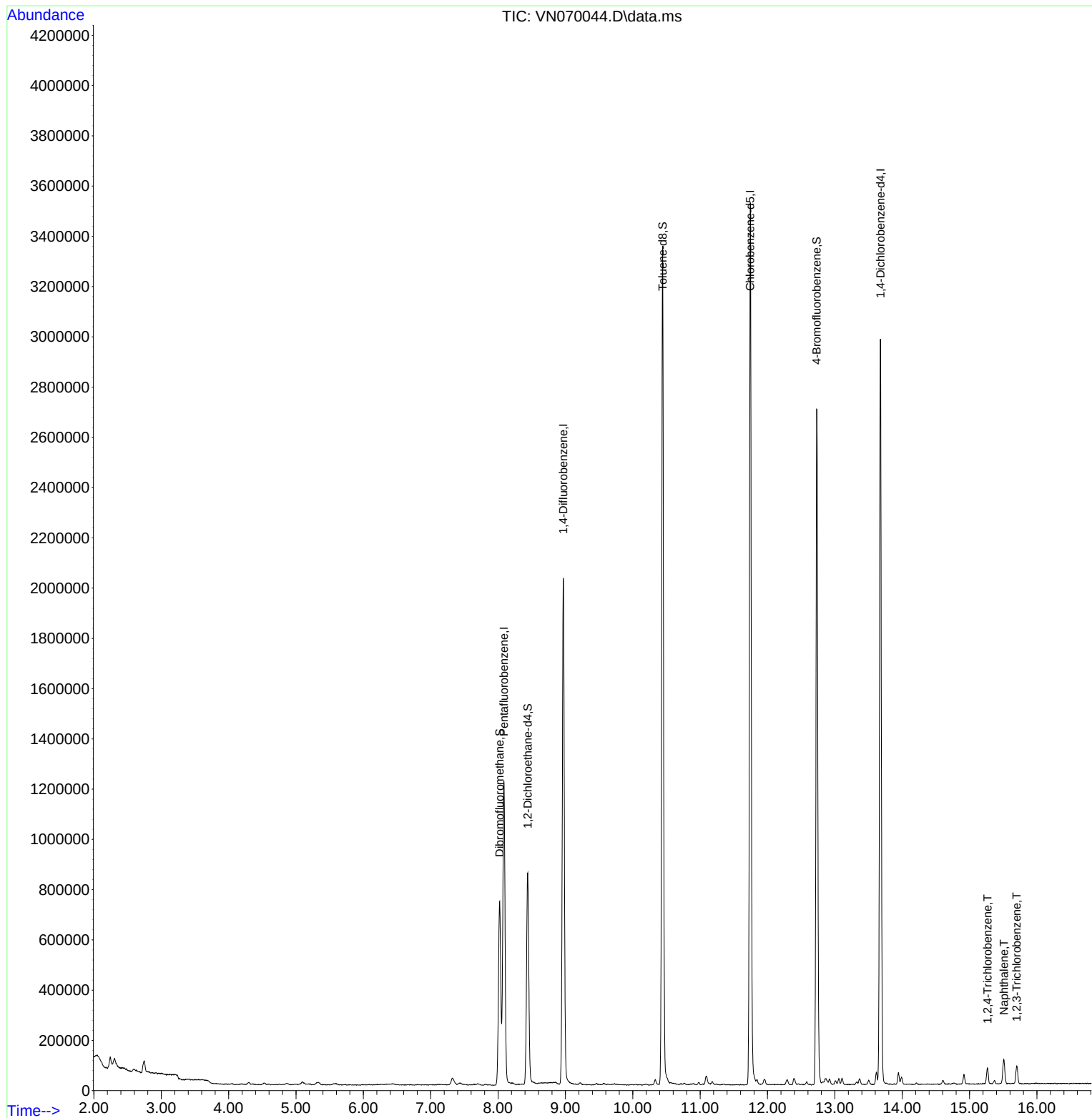
Internal Standards						
1) Pentafluorobenzene	8.086	168	909213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1704993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1975312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	784343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	732262	52.162	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.320%	
35) Dibromofluoromethane	8.024	113	535586	50.150	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.300%	
50) Toluene-d8	10.443	98	2253408	52.548	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.100%	
62) 4-Bromofluorobenzene	12.731	95	951069	61.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 122.440%	
Target Compounds						Qvalue
93) 1,2,4-Trichlorobenzene	15.268	180	20445	4.375	ug/l	95
95) Naphthalene	15.509	128	95605	6.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	25998	4.408	ug/l	97

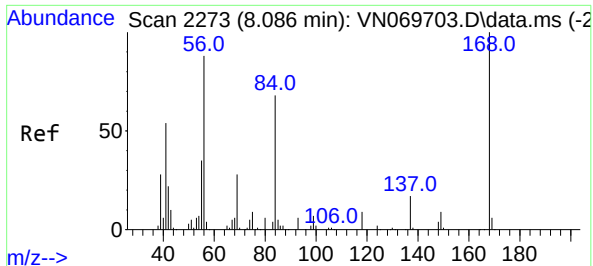
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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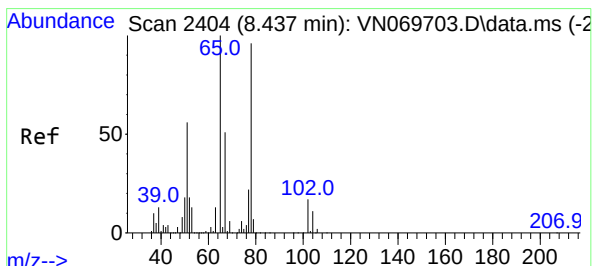
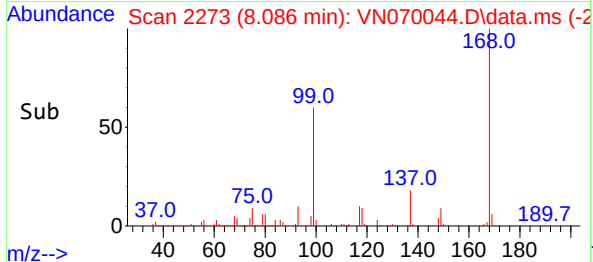
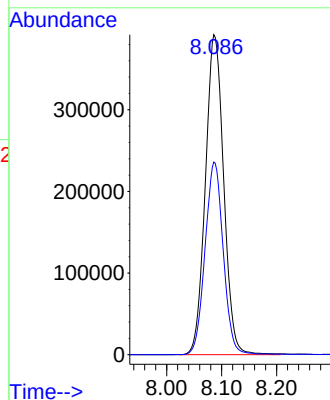
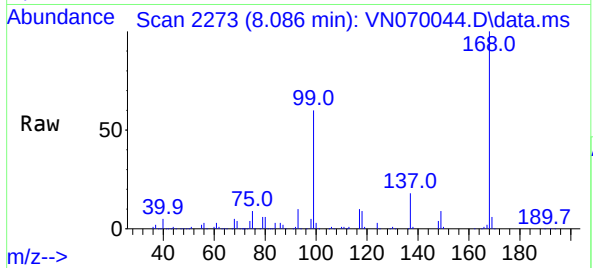




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070044.D
Acq: 13 Dec 2021 21:09

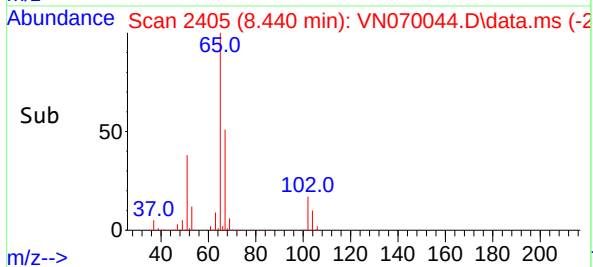
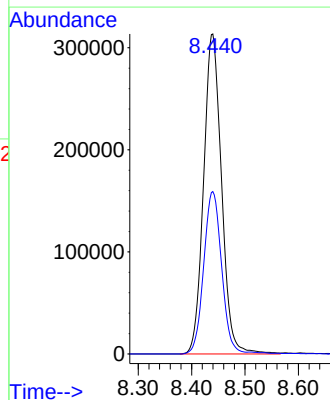
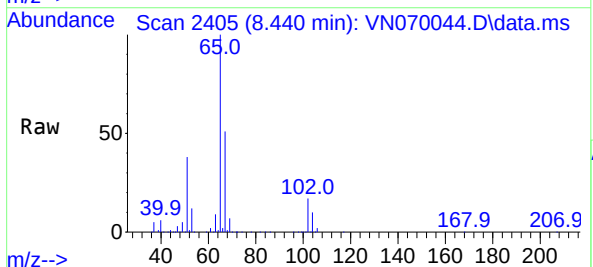
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBL02

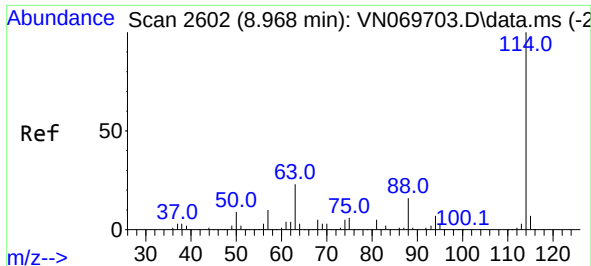
Tgt Ion:168 Resp: 909213
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 52.162 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070044.D
Acq: 13 Dec 2021 21:09

Tgt Ion: 65 Resp: 732262
Ion Ratio Lower Upper
65 100
67 50.3 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: VN070044.D

Acq: 13 Dec 2021 21:09

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBL02

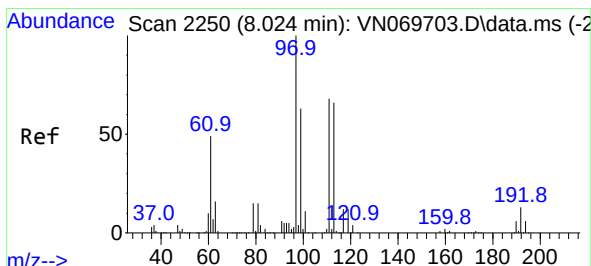
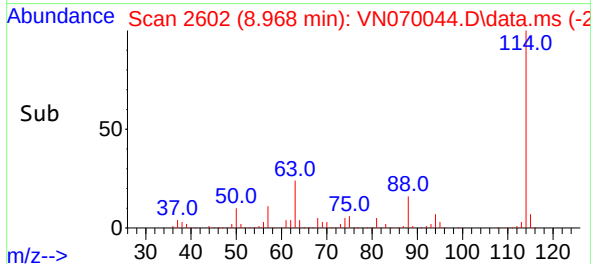
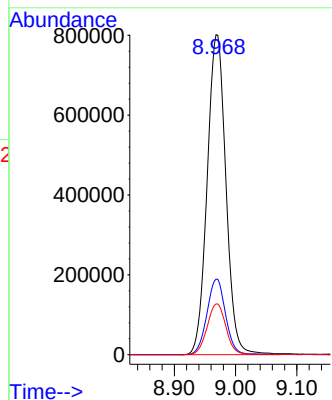
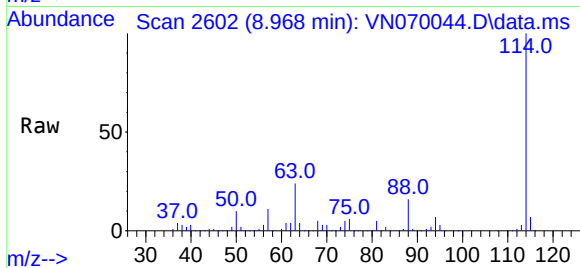
Tgt Ion:114 Resp: 1704993

Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 15.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 50.150 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN070044.D

Acq: 13 Dec 2021 21:09

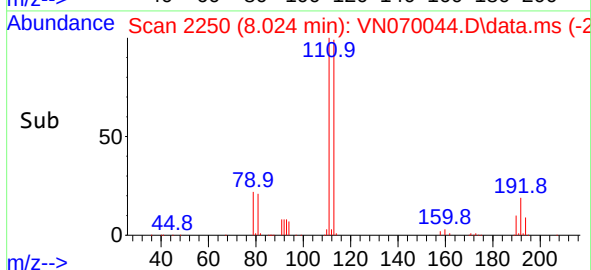
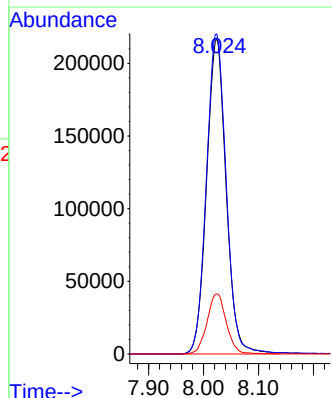
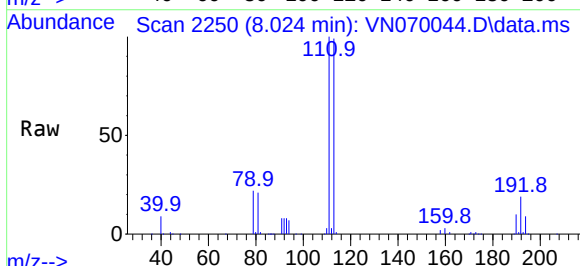
Tgt Ion:113 Resp: 535586

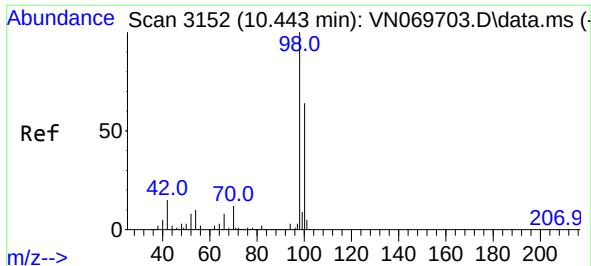
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 18.7 16.9 25.3

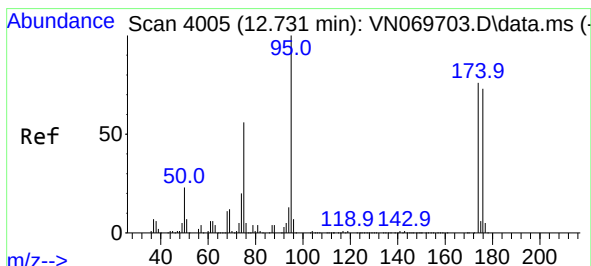
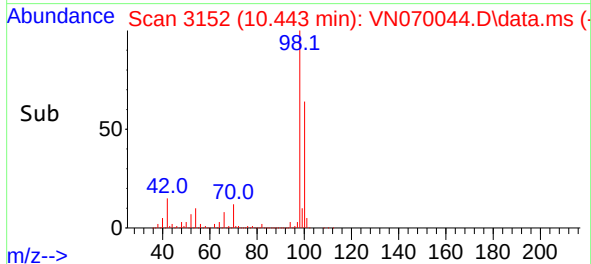
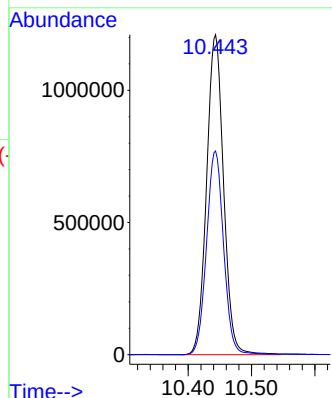
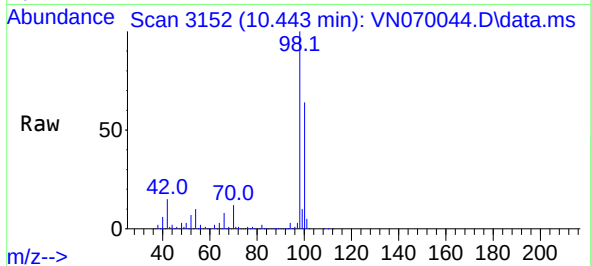




#50
Toluene-d8
Concen: 52.548 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070044.D
Acq: 13 Dec 2021 21:09

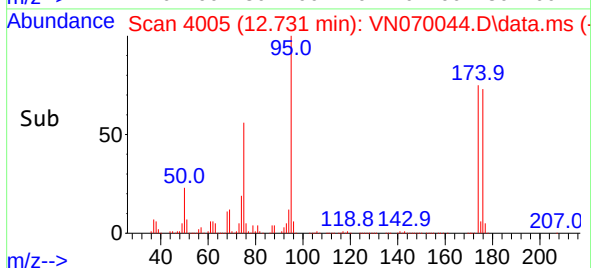
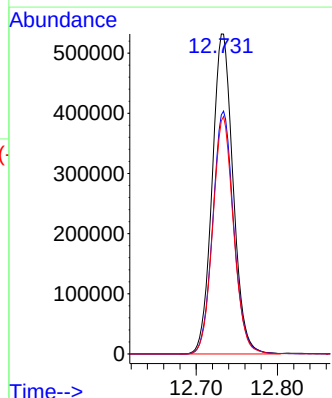
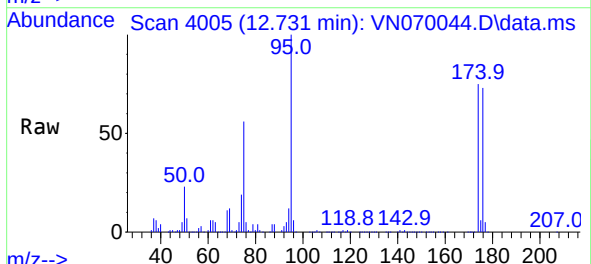
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBL02

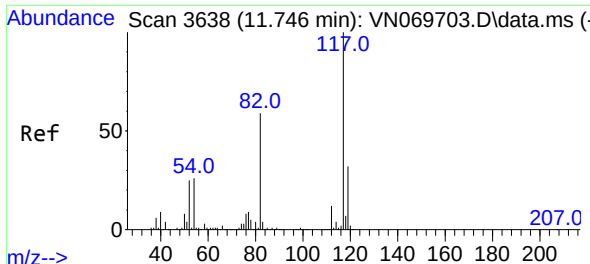
Tgt Ion: 98 Resp: 2253408
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 61.219 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070044.D
Acq: 13 Dec 2021 21:09

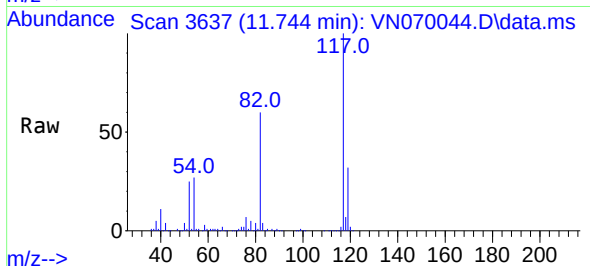
Tgt Ion: 95 Resp: 951069
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.5 0.0 181.4





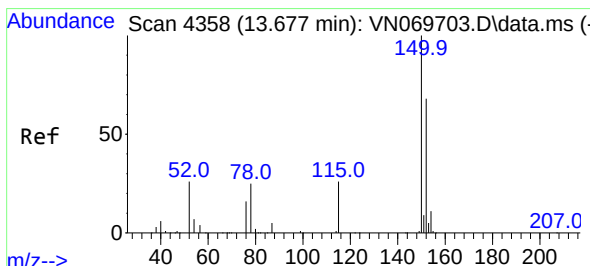
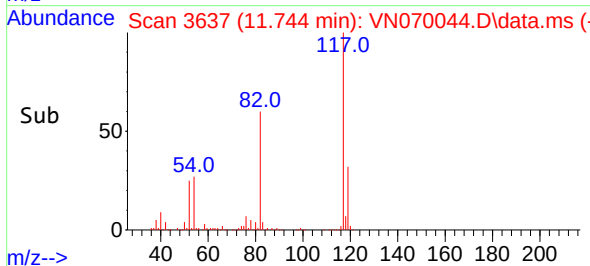
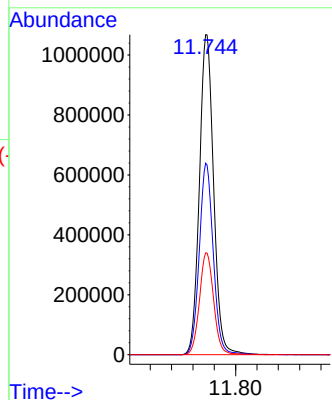
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070044.D
Acq: 13 Dec 2021 21:09

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBL02



Tgt Ion:117 Resp: 1975312

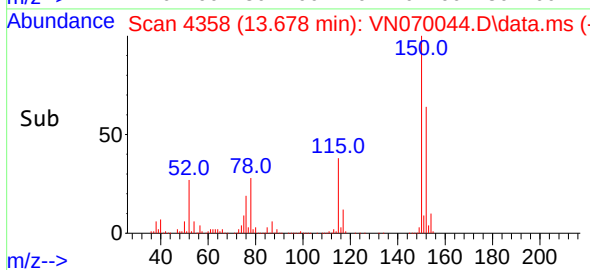
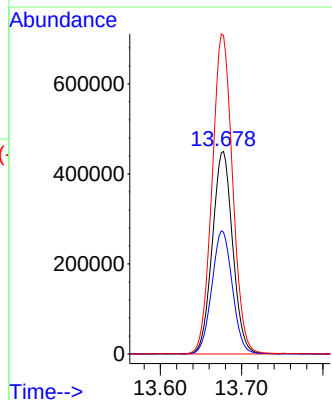
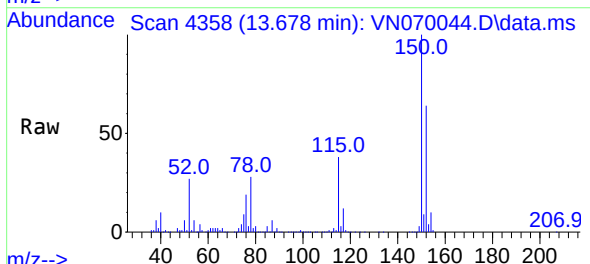
Ion	Ratio	Lower	Upper
117	100		
82	59.8	42.4	63.6
119	31.8	25.4	38.2

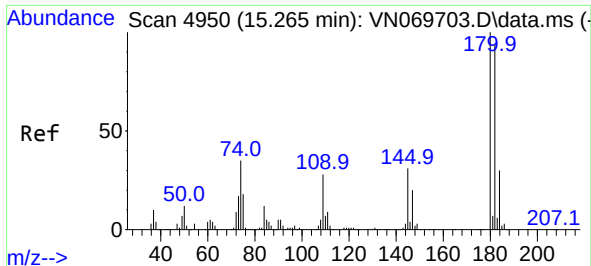


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070044.D
Acq: 13 Dec 2021 21:09

Tgt Ion:152 Resp: 784343

Ion	Ratio	Lower	Upper
152	100		
115	61.1	27.5	82.5
150	158.5	0.0	344.4

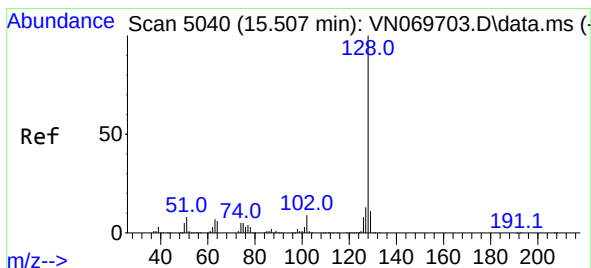
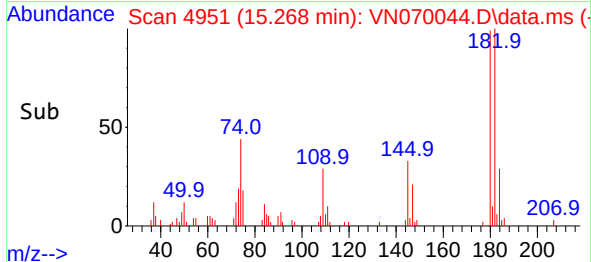
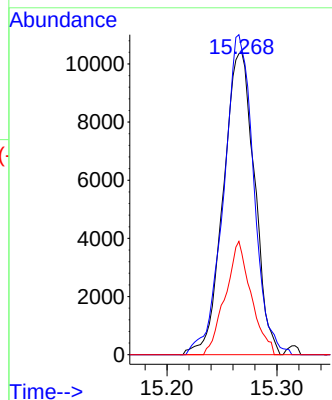
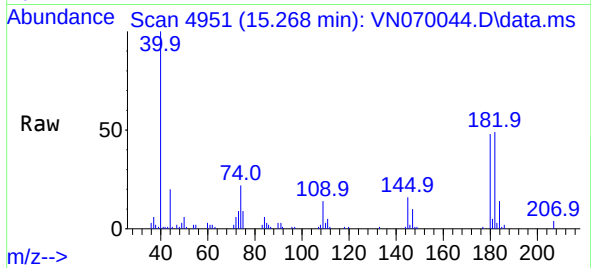




#93
1,2,4-Trichlorobenzene
Concen: 4.375 ug/l
RT: 15.268 min Scan# 4950
Delta R.T. 0.003 min
Lab File: VN070044.D
Acq: 13 Dec 2021 21:09

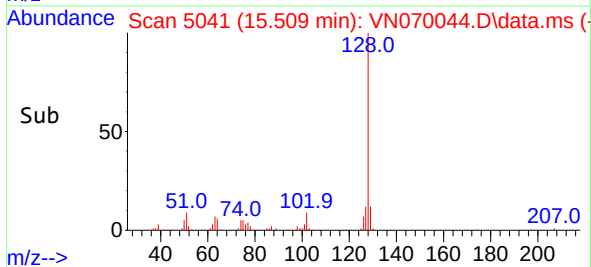
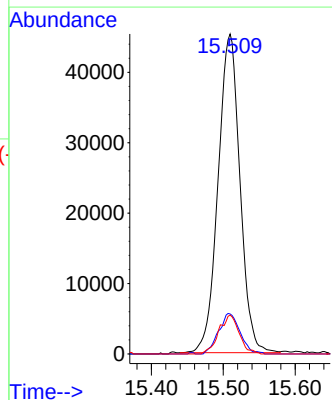
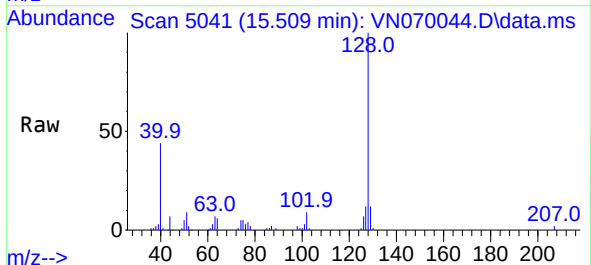
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBL02

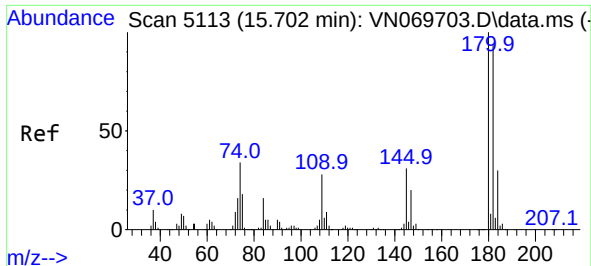
Tgt Ion:180	Resp:	20445
Ion Ratio	Lower	Upper
180	100	
182	102.0	48.3 144.9
145	31.1	14.5 43.5



#95
Naphthalene
Concen: 6.281 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN070044.D
Acq: 13 Dec 2021 21:09

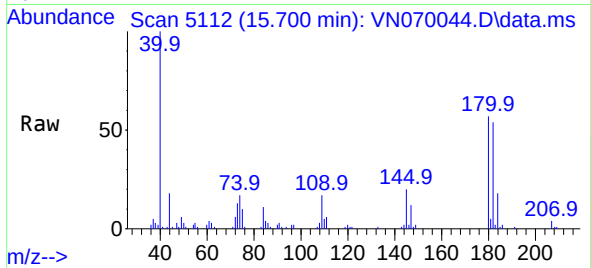
Tgt Ion:128	Resp:	95605
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.5 15.7
129	11.3	8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.408 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: VN070044.D
 Acq: 13 Dec 2021 21:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBL02



Tgt Ion:	180	Resp:	25998
Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.4	142.2
145	34.1	15.0	45.1

