

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070194.D
 Acq On : 18 Dec 2021 4:58
 Operator : JC/MD
 Sample : M5132-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Dec 19 07:23:35 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)

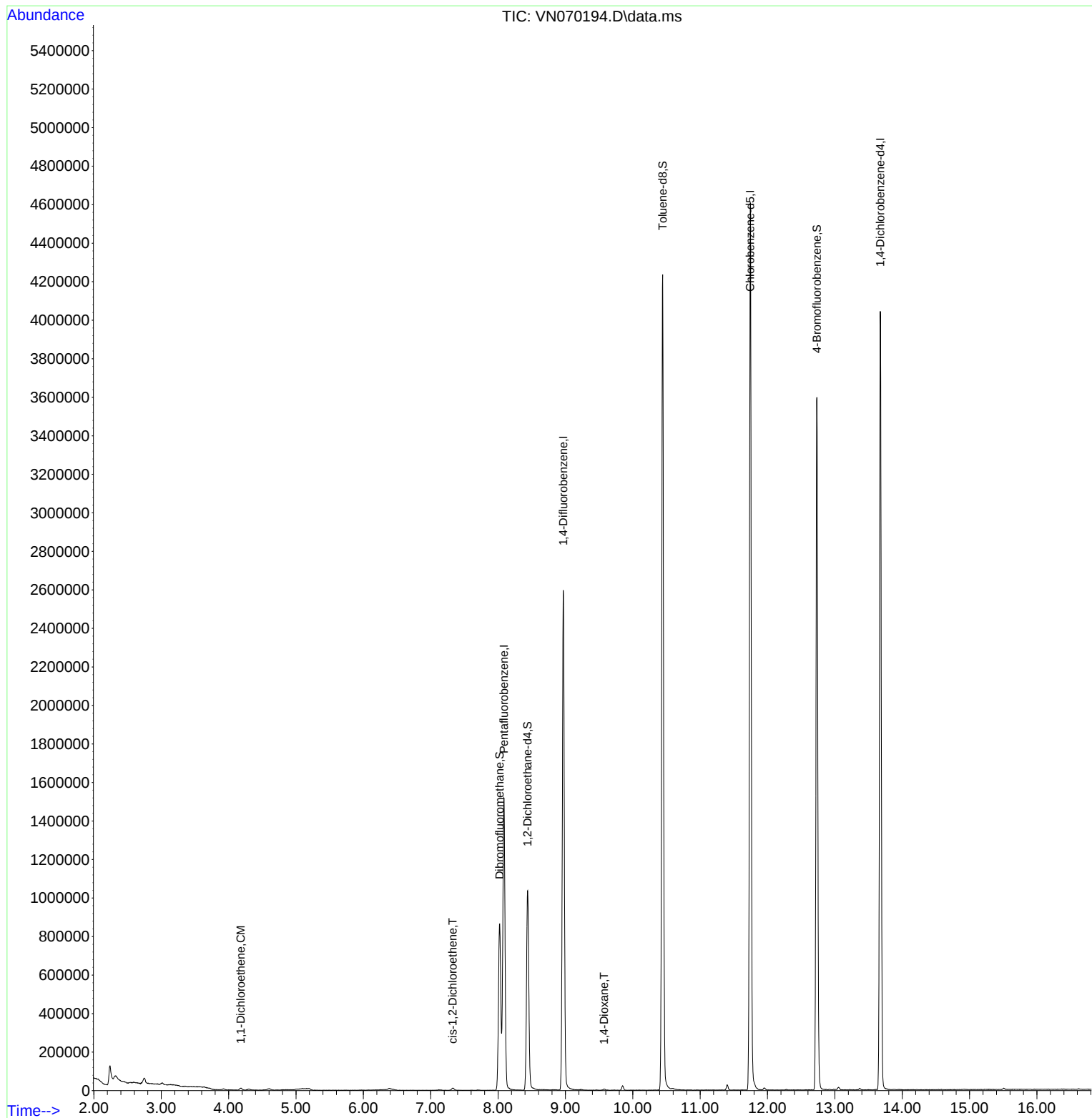
Internal Standards						
1) Pentafluorobenzene	8.088	168	1125241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2161379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2582089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1064041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	899768	51.789	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.580%
35) Dibromofluoromethane	8.021	113	637377	47.079	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.160%
50) Toluene-d8	10.443	98	2892138	53.202	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.400%
62) 4-Bromofluorobenzene	12.733	95	1290405	65.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	131.040%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.181	96	5620	0.524	ug/l #	93
27) cis-1,2-Dichloroethene	7.327	96	6307	0.448	ug/l	97
49) 1,4-Dioxane	9.574	88	4688	12.354	ug/l #	77

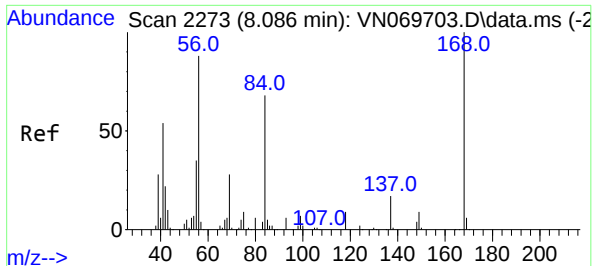
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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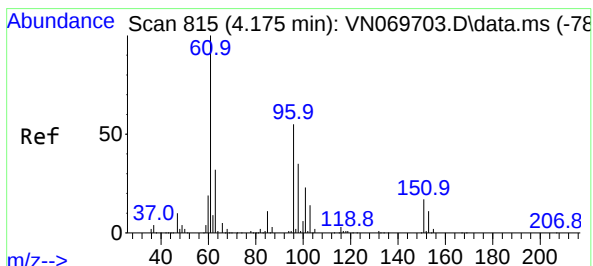
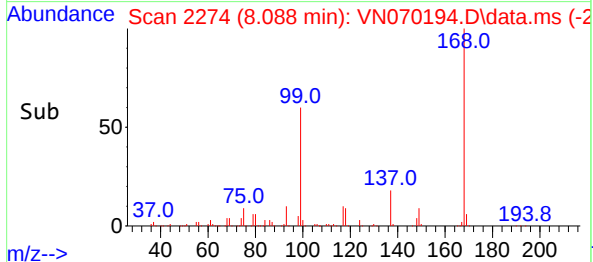
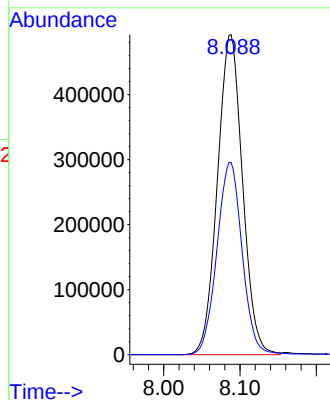
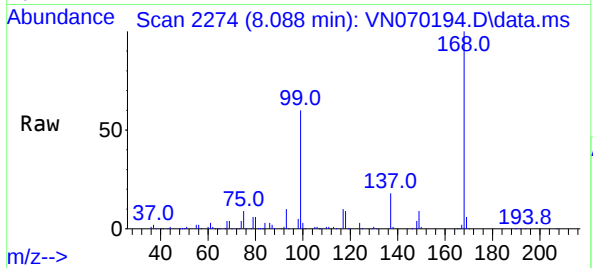




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070194.D
Acq: 18 Dec 2021 4:58

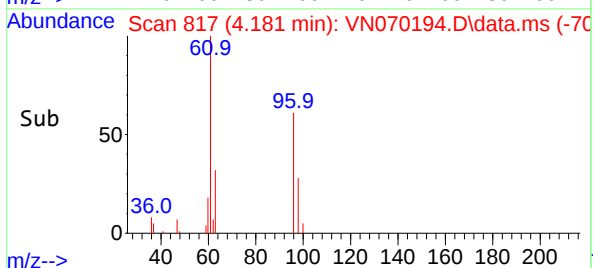
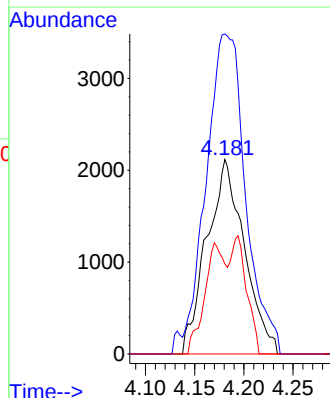
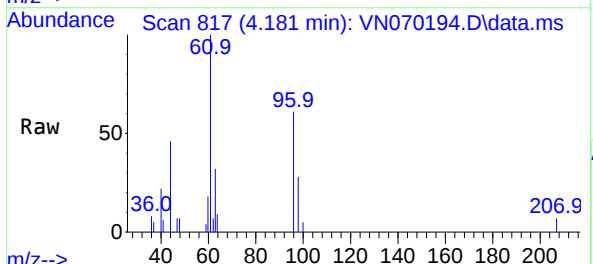
Instrument :
MSVOA_N
ClientSampleId :
MW-4

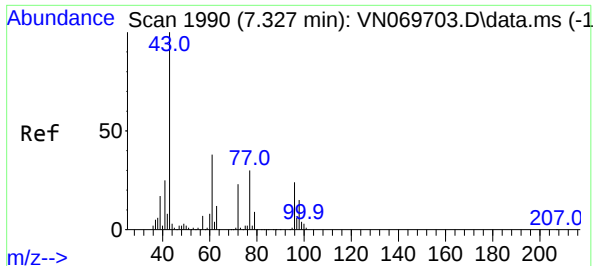
Tgt Ion:168 Resp: 1125241
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#12
1,1-Dichloroethene
Concen: 0.524 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN070194.D
Acq: 18 Dec 2021 4:58

Tgt Ion: 96 Resp: 5620
Ion Ratio Lower Upper
96 100
61 164.6 131.0 196.6
98 46.3 52.4 78.6#

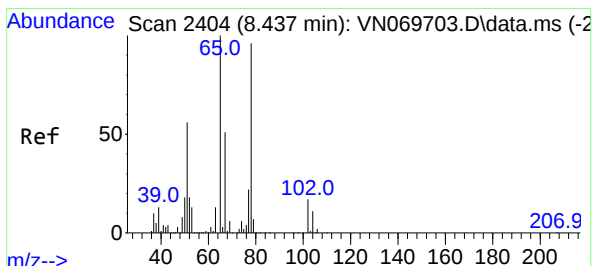
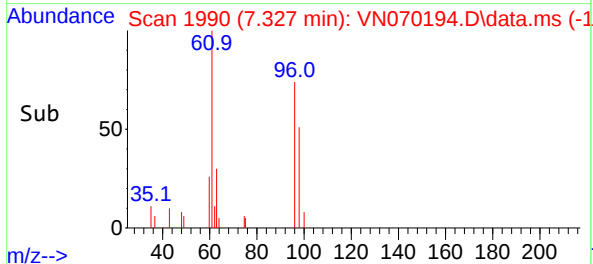
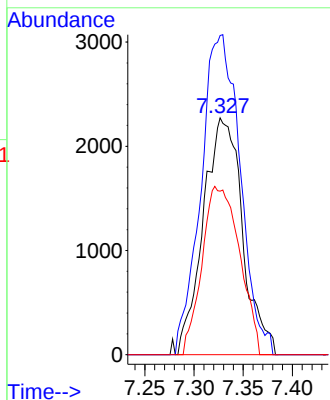
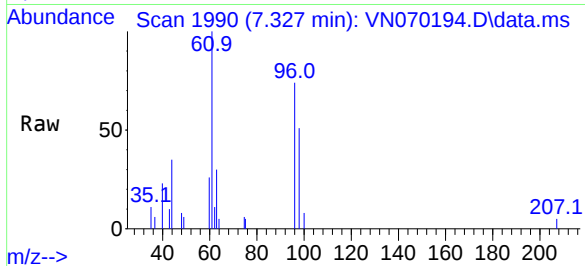




#27
 cis-1,2-Dichloroethene
 Concen: 0.448 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070194.D
 Acq: 18 Dec 2021 4:58

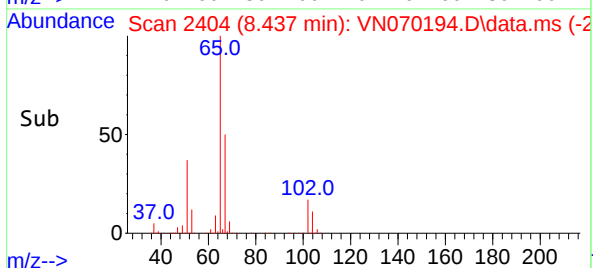
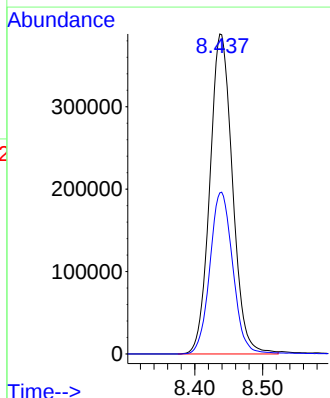
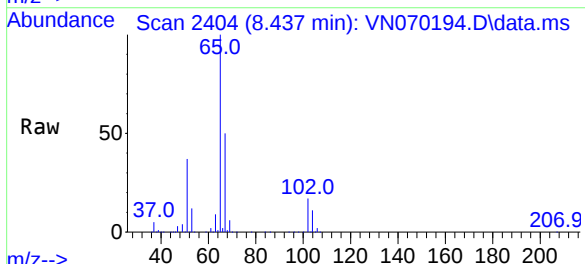
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

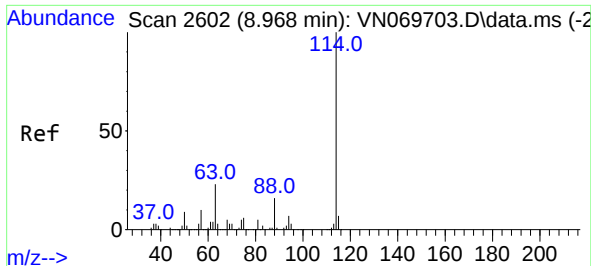
Tgt Ion:	96	Resp:	6307
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	275.0
98	67.9	0.0	129.6



#33
 1,2-Dichloroethane-d4
 Concen: 51.789 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN070194.D
 Acq: 18 Dec 2021 4:58

Tgt Ion:	65	Resp:	899768
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.0

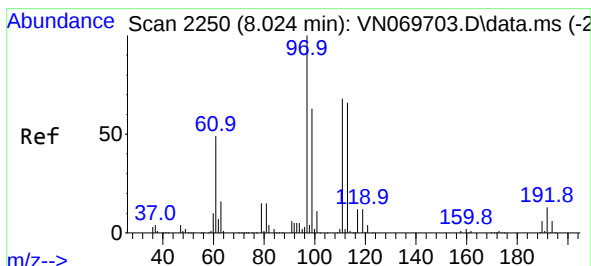
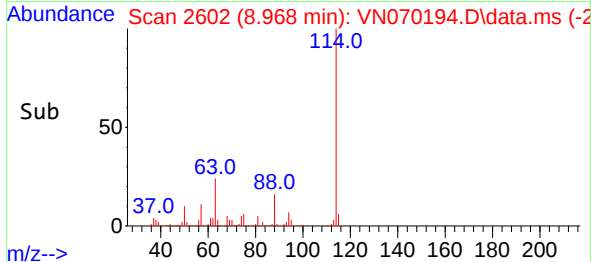
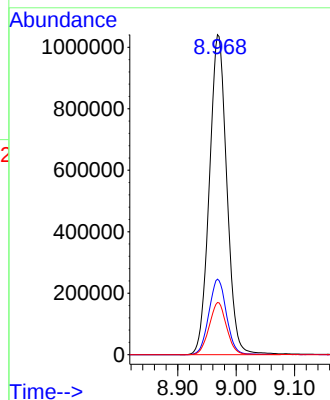
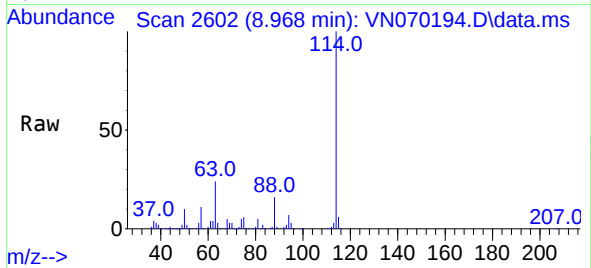




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2161379
Delta R.T. -0.000 min
Lab File: VN070194.D
Acq: 18 Dec 2021 4:58

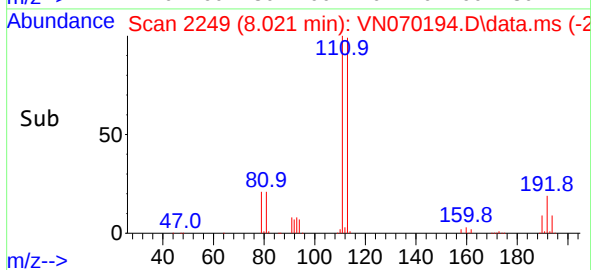
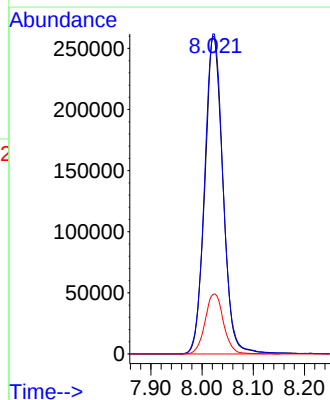
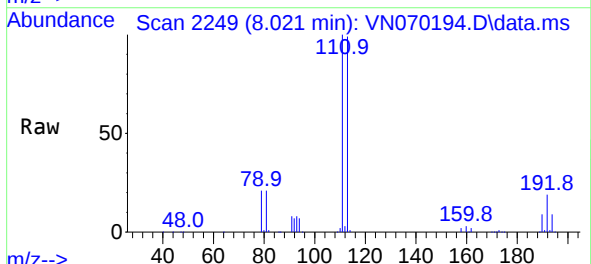
Instrument :
MSVOA_N
ClientSampleId :
MW-4

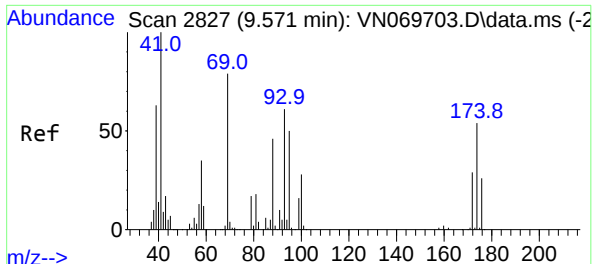
Tgt Ion:114 Resp: 2161379
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.079 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070194.D
Acq: 18 Dec 2021 4:58

Tgt Ion:113 Resp: 637377
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.3 16.9 25.3

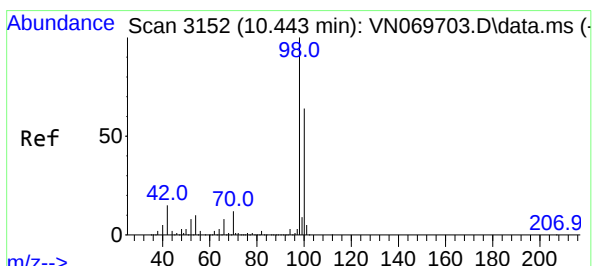
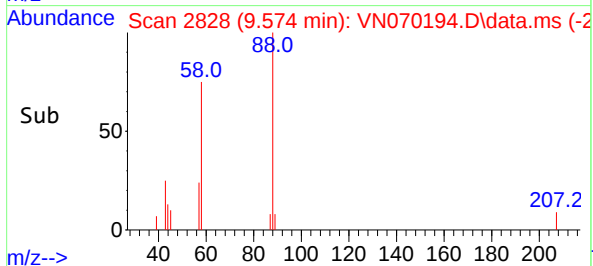
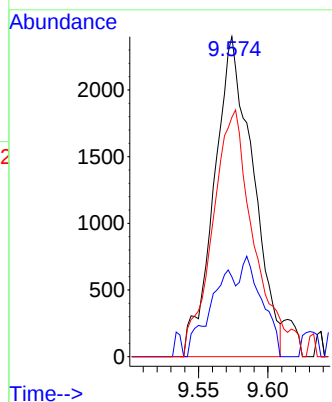
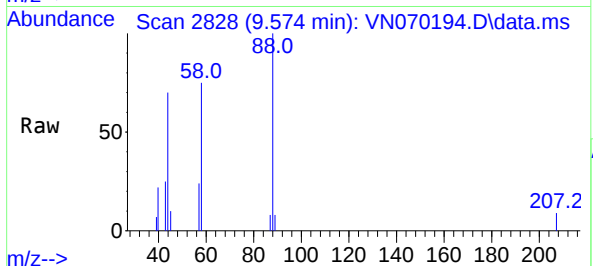




#49
1,4-Dioxane
Concen: 12.354 ug/l
RT: 9.574 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070194.D
Acq: 18 Dec 2021 4:58

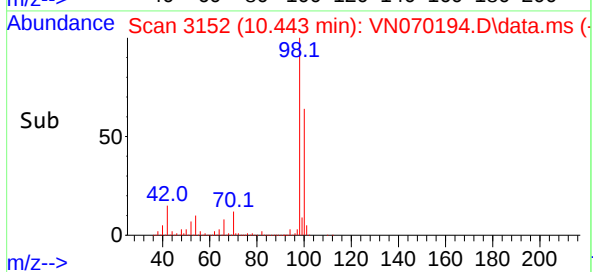
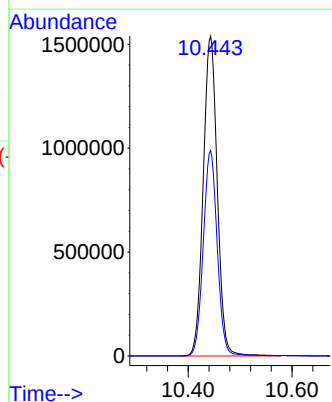
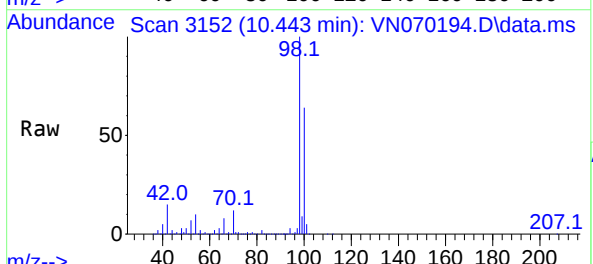
Instrument :
MSVOA_N
ClientSampleId :
MW-4

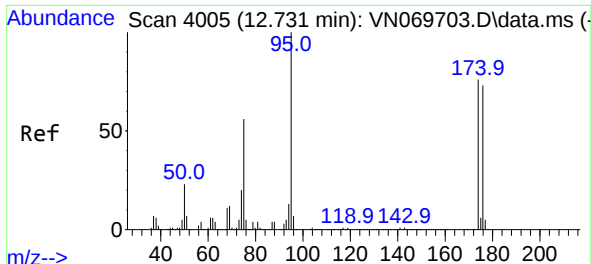
Tgt Ion: 88 Resp: 4688
Ion Ratio Lower Upper
88 100
43 18.3 23.4 35.2#
58 82.3 50.6 75.8#



#50
Toluene-d8
Concen: 53.202 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070194.D
Acq: 18 Dec 2021 4:58

Tgt Ion: 98 Resp: 2892138
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6

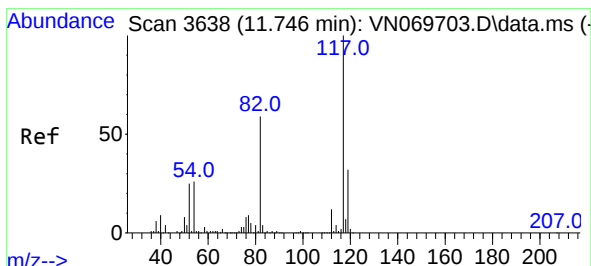
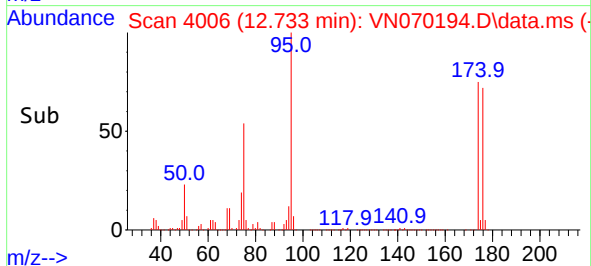
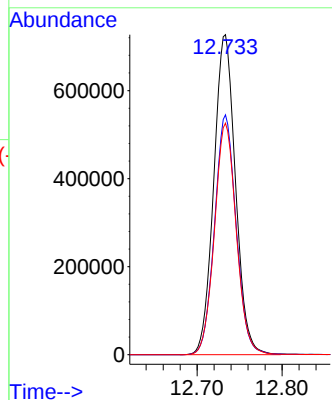
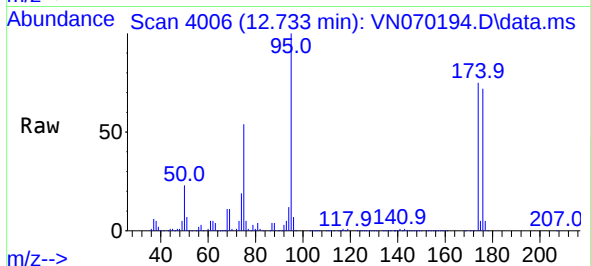




#62
4-Bromofluorobenzene
Concen: 65.523 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070194.D
Acq: 18 Dec 2021 4:58

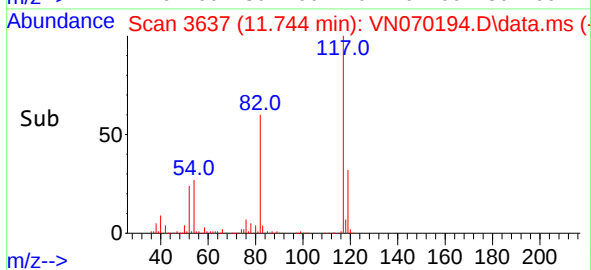
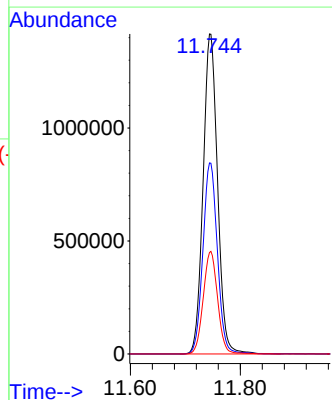
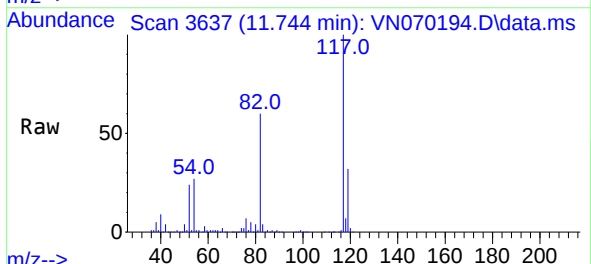
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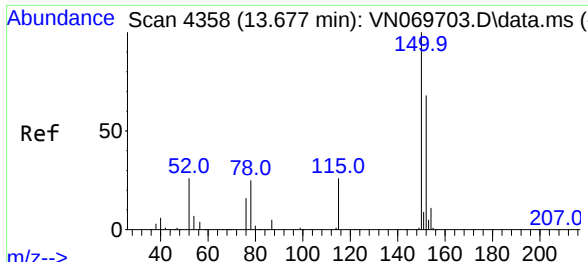
Tgt Ion: 95 Resp: 1290405
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070194.D
Acq: 18 Dec 2021 4:58

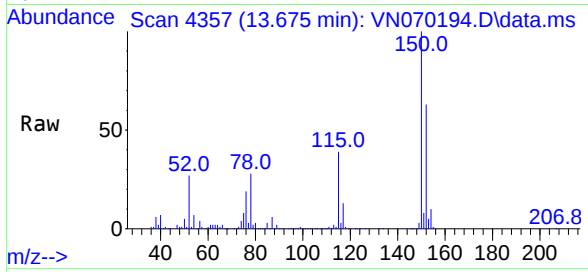
Tgt Ion: 117 Resp: 2582089
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 31.7 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070194.D
 Acq: 18 Dec 2021 4:58

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4



Tgt Ion:152 Resp: 1064041

Ion	Ratio	Lower	Upper
152	100		
115	61.5	27.5	82.5
150	158.5	0.0	344.4

