

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069794.D
 Acq On : 6 Dec 2021 19:45
 Operator : JC/MD
 Sample : PB141160ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141160ZHE#01

Quant Time: Dec 07 03:50:27 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)

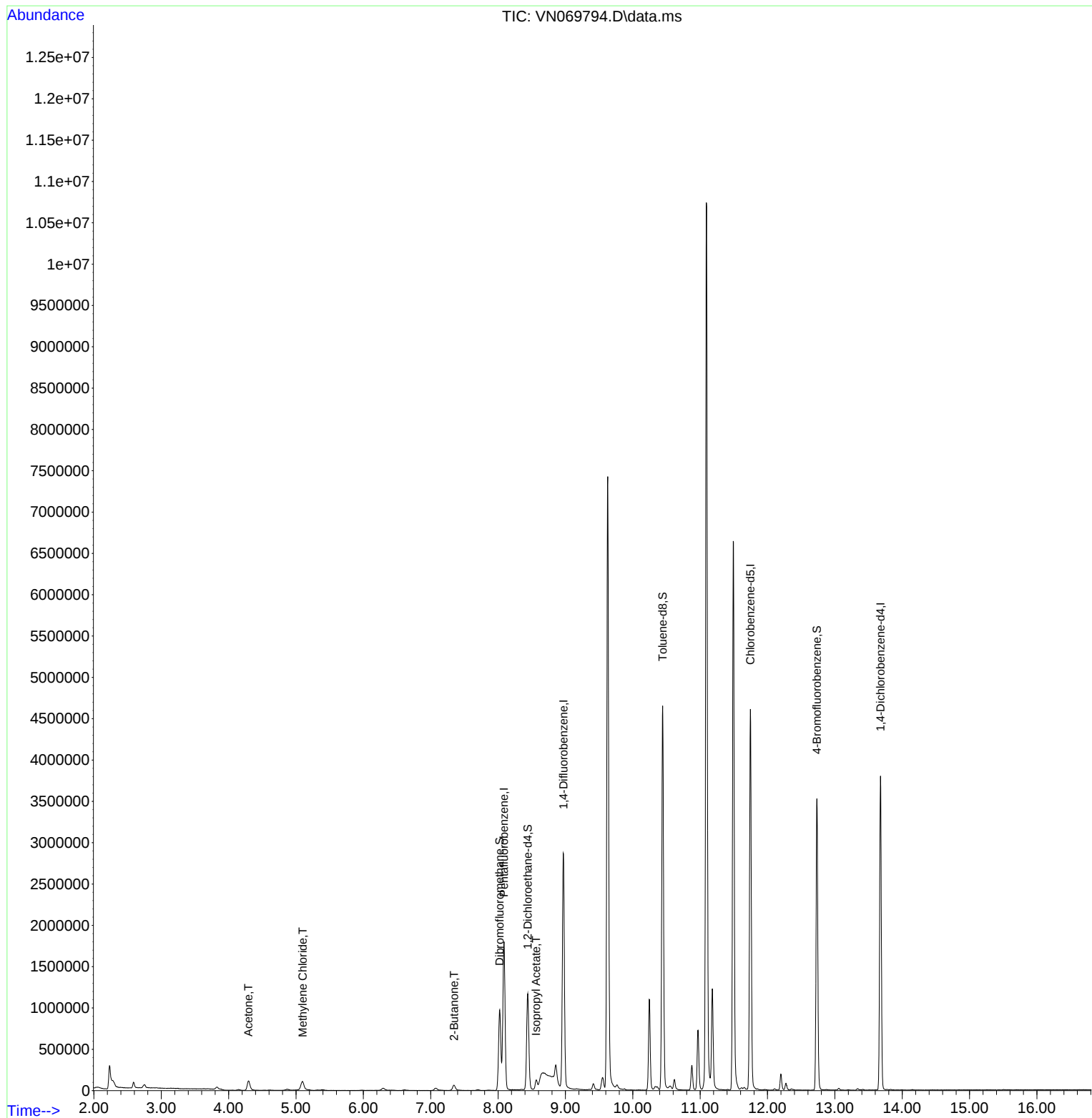
Internal Standards						
1) Pentafluorobenzene	8.088	168	1331476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2404059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2574236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	994722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	992719	48.289	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.580%
35) Dibromofluoromethane	8.024	113	700928	46.547	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.100%
50) Toluene-d8	10.443	98	3110652	51.446	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.734	95	1189397	54.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.600%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	221137	17.882	ug/l	95
20) Methylene Chloride	5.098	84	75650	4.602	ug/l	86
25) 2-Butanone	7.345	43	93734	5.579	ug/l	93
43) Isopropyl Acetate	8.566	43	148841	2.953	ug/l #	82

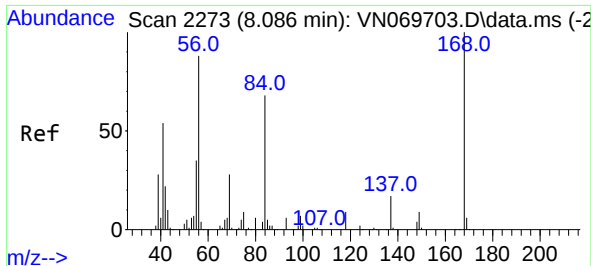
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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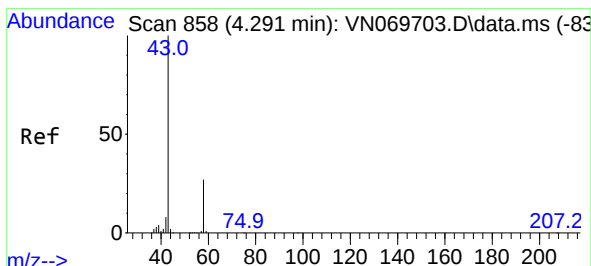
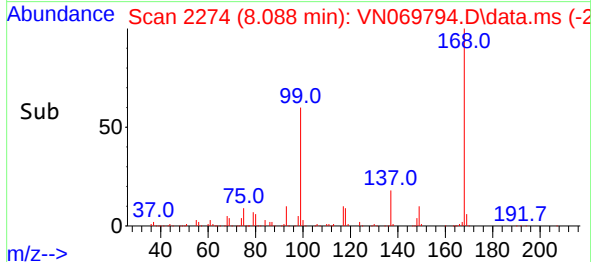
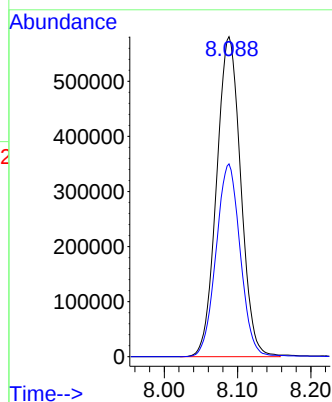
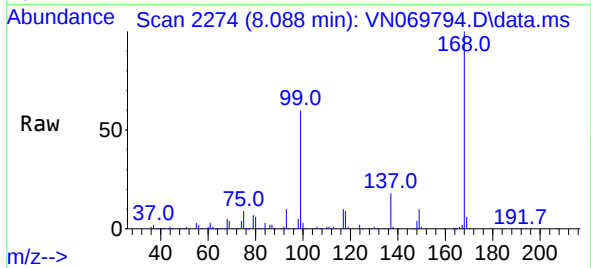




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069794.D
Acq: 6 Dec 2021 19:45

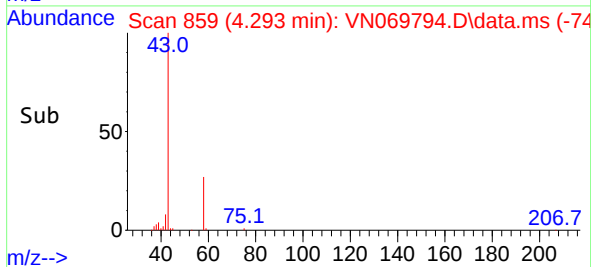
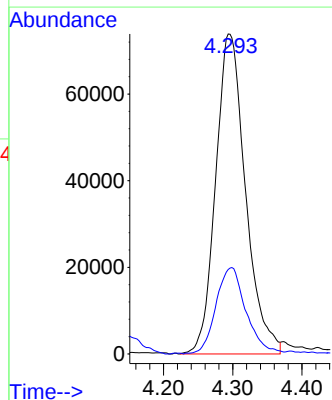
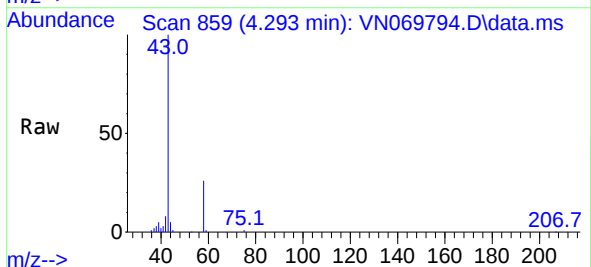
Instrument :
MSVOA_N
ClientSampleId :
PB141160ZHE#01

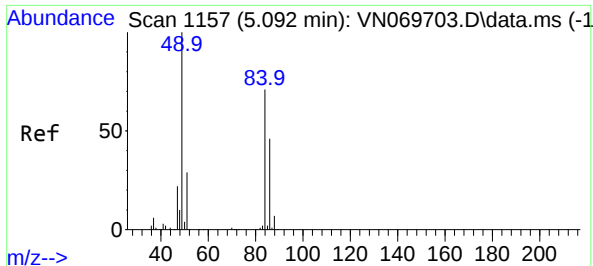
Tgt Ion:168 Resp: 1331476
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#16
Acetone
Concen: 17.882 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069794.D
Acq: 6 Dec 2021 19:45

Tgt Ion: 43 Resp: 221137
Ion Ratio Lower Upper
43 100
58 26.1 23.1 34.7



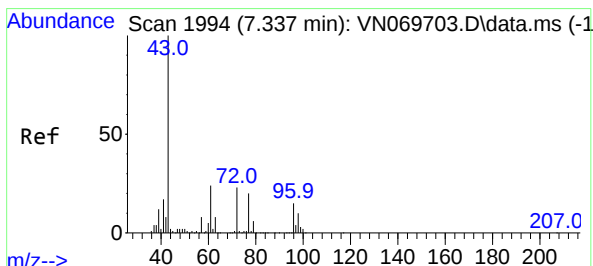
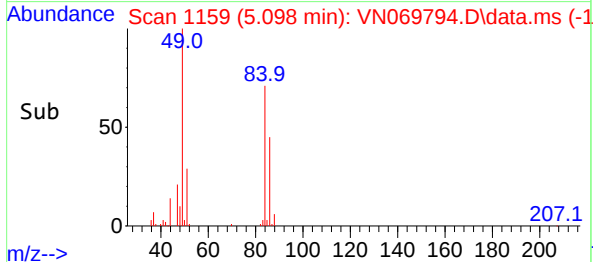
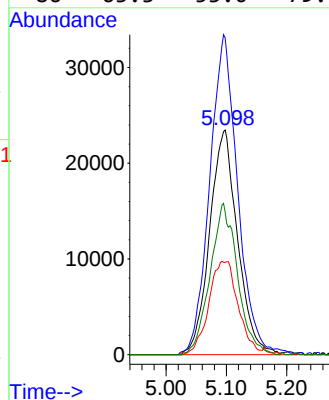
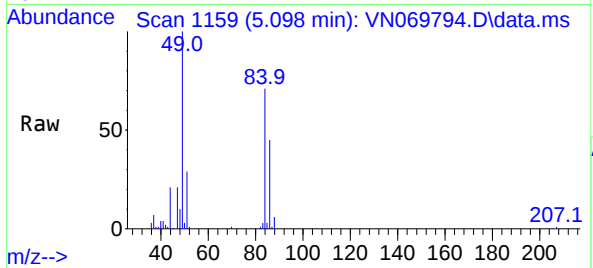


#20
Methylene Chloride
Concen: 4.602 ug/l
RT: 5.098 min Scan# 1157
Delta R.T. 0.006 min
Lab File: VN069794.D
Acq: 6 Dec 2021 19:45

Instrument :
MSVOA_N
ClientSampleId :
PB141160ZHE#01

Tgt Ion: 84 Resp: 75650

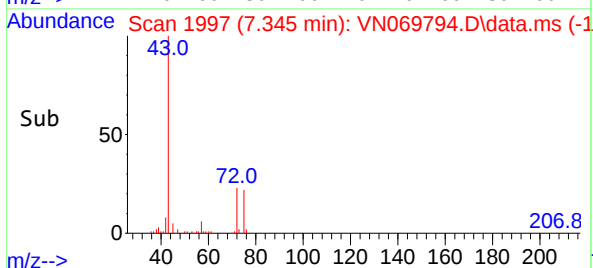
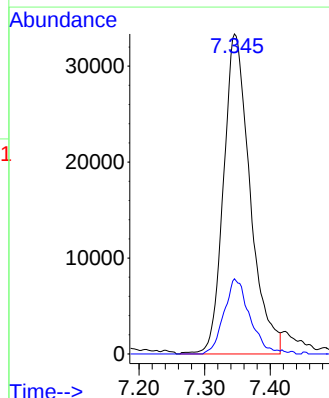
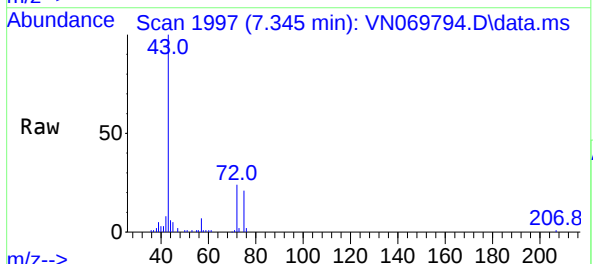
Ion	Ratio	Lower	Upper
84	100		
49	140.1	93.5	140.3
51	41.1	29.4	44.2
86	63.3	53.0	79.4

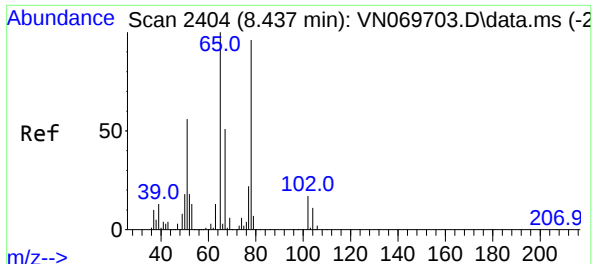


#25
2-Butanone
Concen: 5.579 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN069794.D
Acq: 6 Dec 2021 19:45

Tgt Ion: 43 Resp: 93734

Ion	Ratio	Lower	Upper
43	100		
72	23.5	21.7	32.5





#33

1,2-Dichloroethane-d4

Concen: 48.289 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069794.D

Acq: 6 Dec 2021 19:45

Instrument :

MSVOA_N

ClientSampleId :

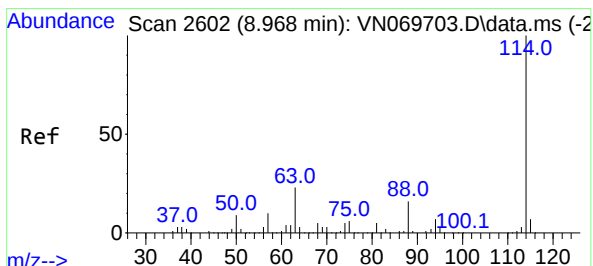
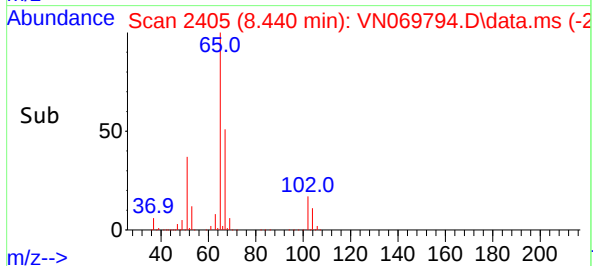
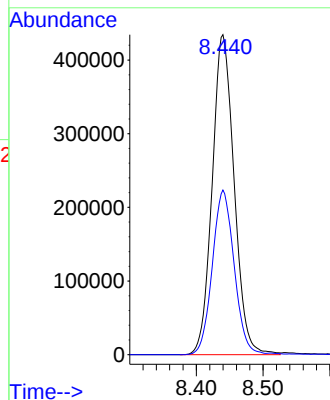
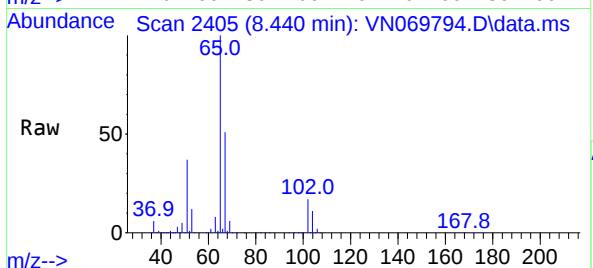
PB141160ZHE#01

Tgt Ion: 65 Resp: 992719

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069794.D

Acq: 6 Dec 2021 19:45

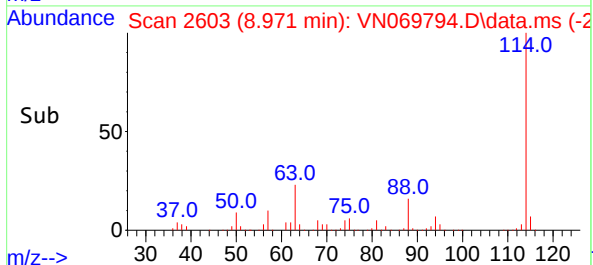
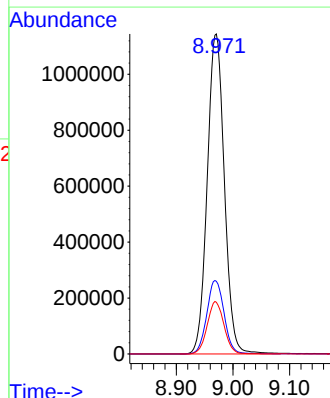
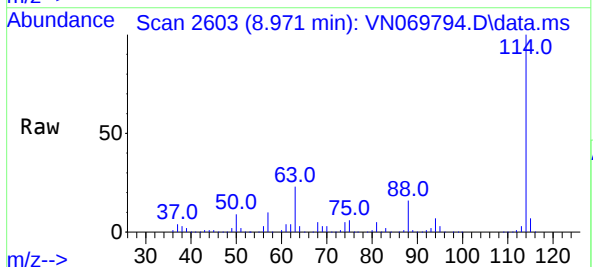
Tgt Ion:114 Resp: 2404059

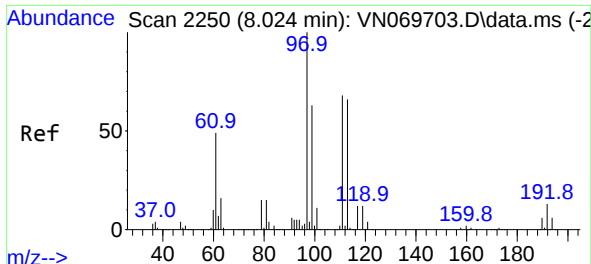
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

88 16.1 0.0 27.4

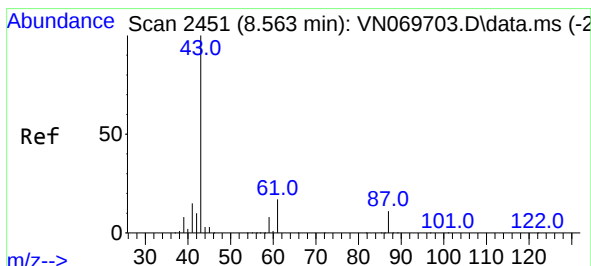
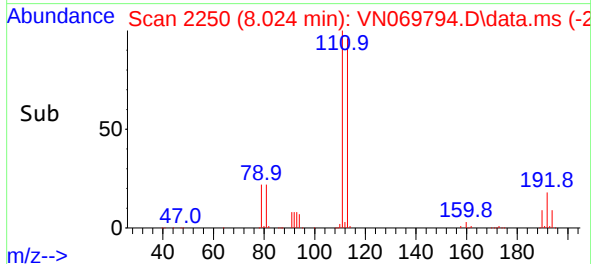
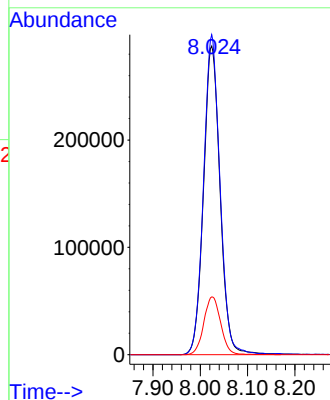
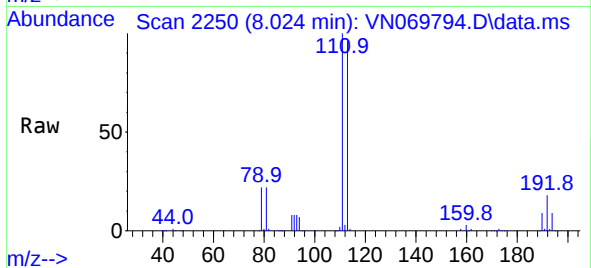




#35
Dibromofluoromethane
Concen: 46.547 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069794.D
Acq: 6 Dec 2021 19:45

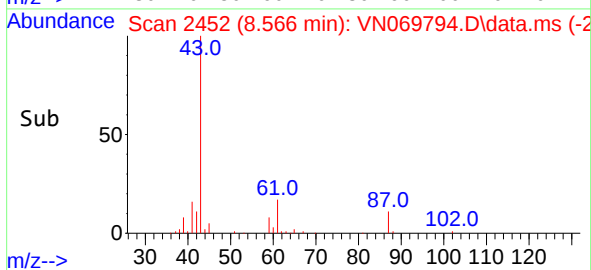
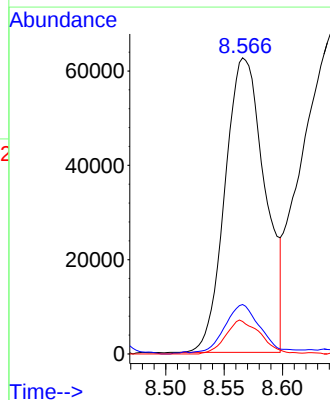
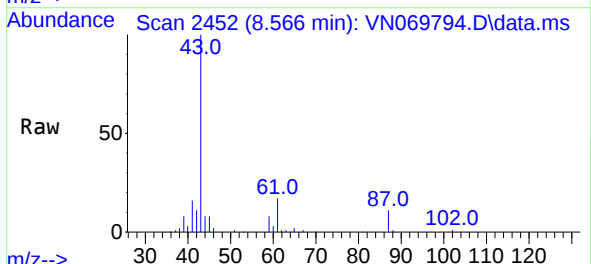
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ClientSampleId :
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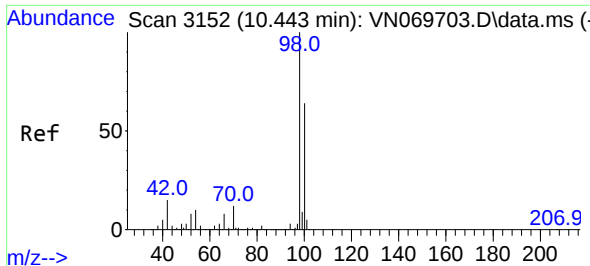
Tgt Ion:113 Resp: 700928
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.0 16.9 25.3



#43
Isopropyl Acetate
Concen: 2.953 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN069794.D
Acq: 6 Dec 2021 19:45

Tgt Ion: 43 Resp: 148841
Ion Ratio Lower Upper
43 100
61 14.3 20.4 30.6#
87 10.0 11.2 16.8#

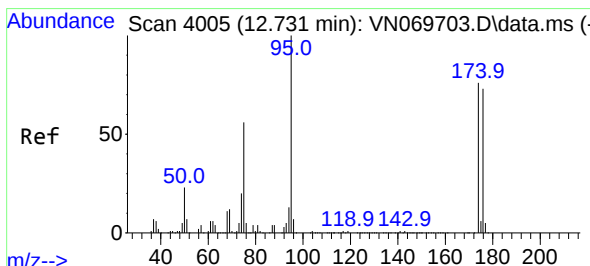
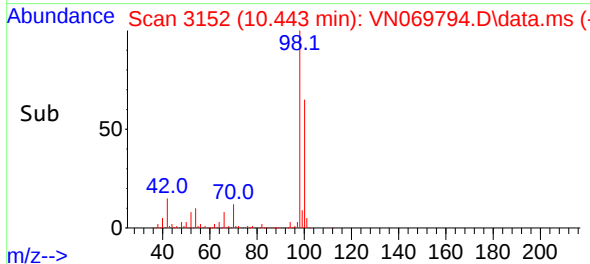
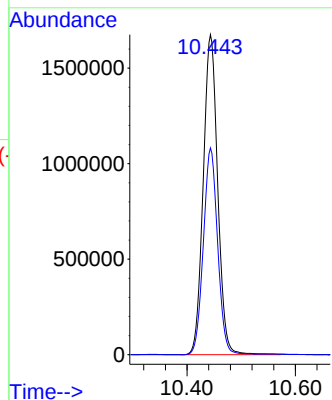
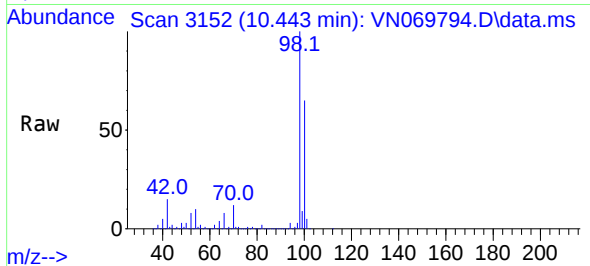




#50
Toluene-d8
Concen: 51.446 ug/l
RT: 10.443 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN069794.D
Acq: 6 Dec 2021 19:45

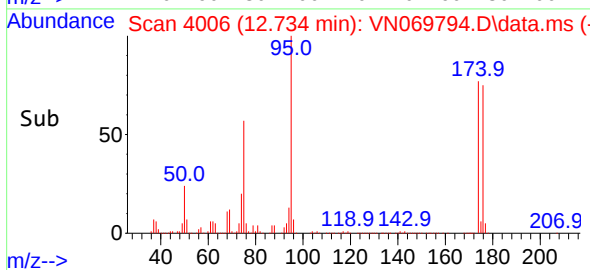
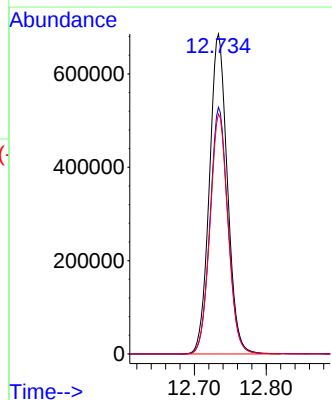
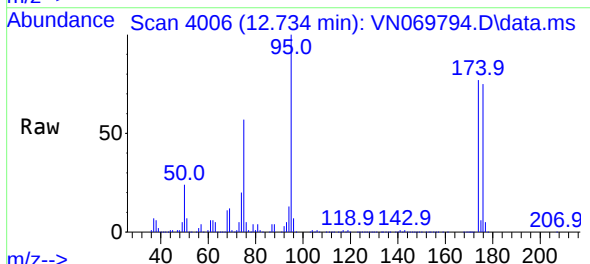
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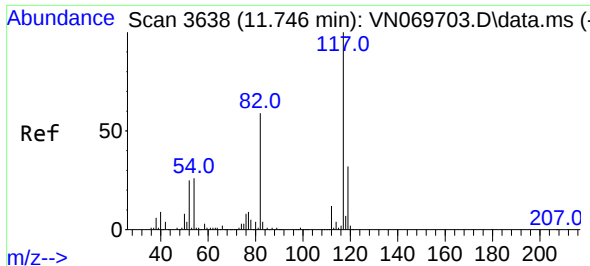
Tgt Ion: 98 Resp: 3110652
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 54.298 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069794.D
Acq: 6 Dec 2021 19:45

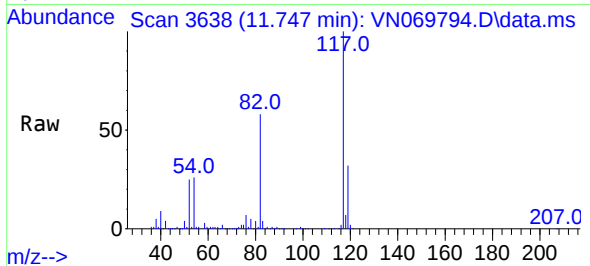
Tgt Ion: 95 Resp: 1189397
Ion Ratio Lower Upper
95 100
174 77.4 0.0 187.2
176 75.1 0.0 181.4





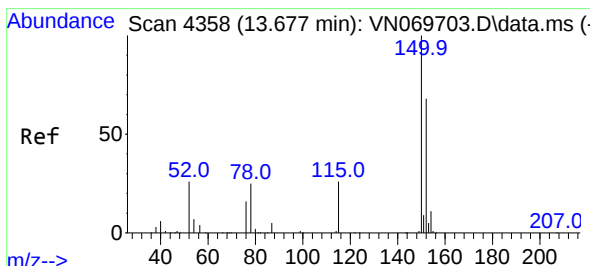
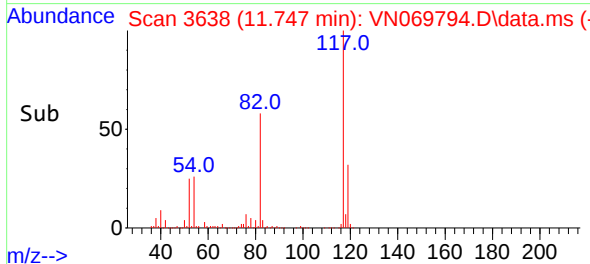
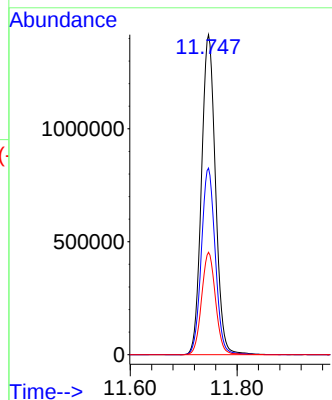
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.001 min
Lab File: VN069794.D
Acq: 6 Dec 2021 19:45

Instrument :
MSVOA_N
ClientSampleId :
PB141160ZHE#01



Tgt Ion:117 Resp: 2574236

Ion	Ratio	Lower	Upper
117	100		
82	58.3	42.4	63.6
119	32.0	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: VN069794.D
Acq: 6 Dec 2021 19:45

Tgt Ion:152 Resp: 994722

Ion	Ratio	Lower	Upper
152	100		
115	60.6	27.5	82.5
150	157.6	0.0	344.4

