

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069927.D
 Acq On : 9 Dec 2021 21:51
 Operator : JC/MD
 Sample : M4970-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19

Quant Time: Dec 10 06:24:12 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)

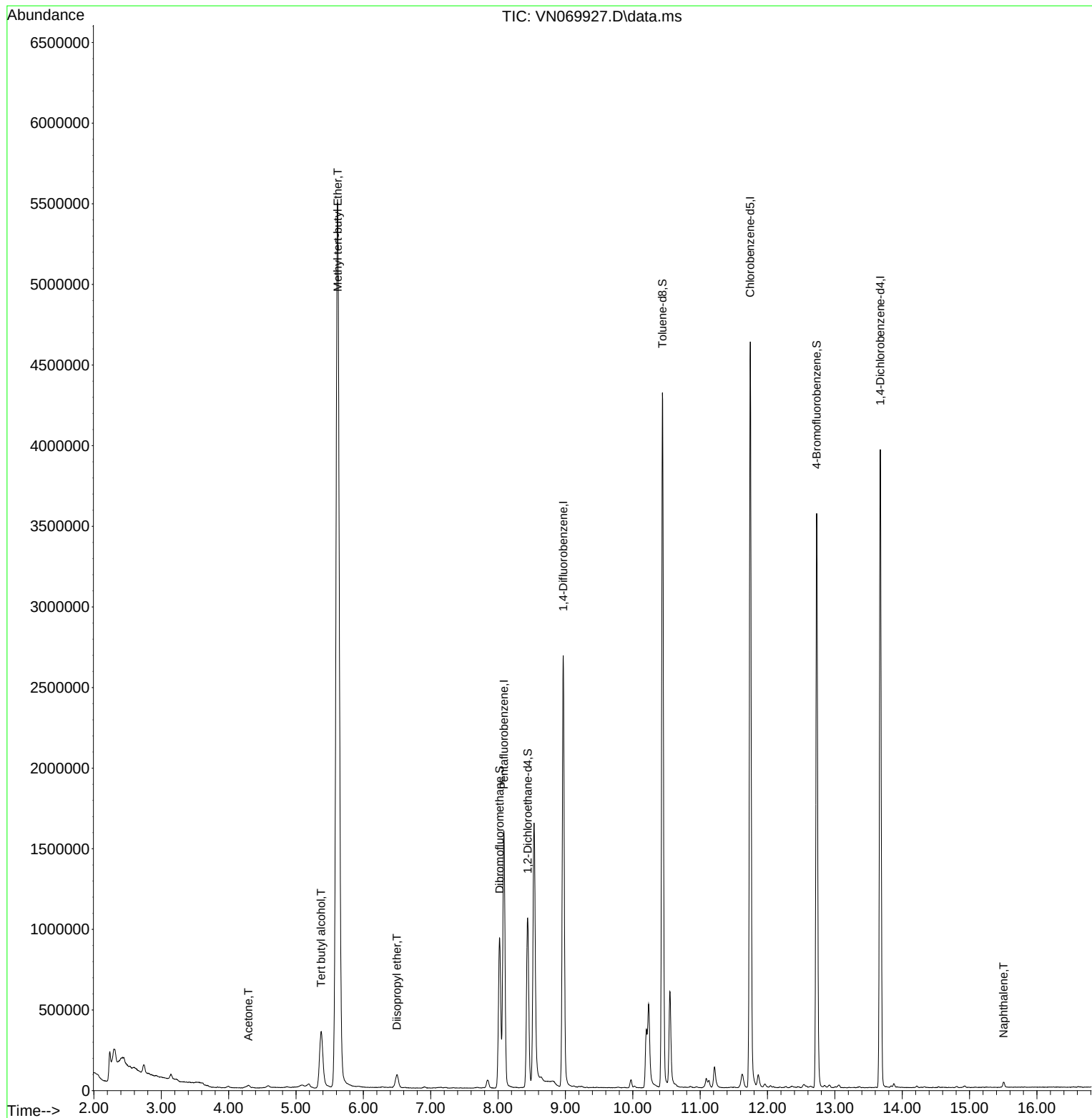
Internal Standards						
1) Pentafluorobenzene	8.088	168	1199673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2216500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2489338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1032110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	923303	49.846	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.700%
35) Dibromofluoromethane	8.024	113	676663	48.738	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.480%
50) Toluene-d8	10.440	98	2910564	52.210	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.731	95	1227049	60.757	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.374	59	622375	177.756	ug/l	100
16) Acetone	4.293	43	22616	2.030	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	8627999	194.182	ug/l	96
22) Diisopropyl ether	6.498	45	102559	2.038	ug/l	88
95) Naphthalene	15.504	128	30708	4.545	ug/l	99

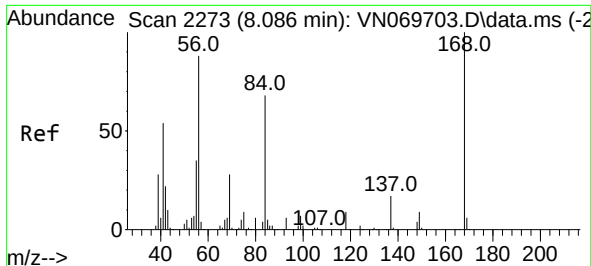
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

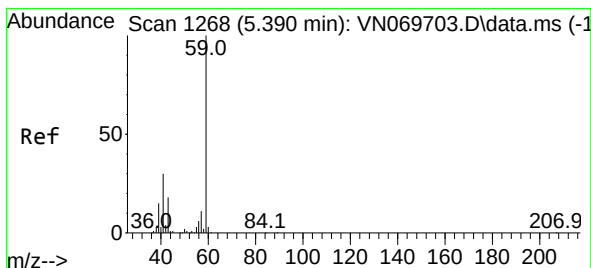
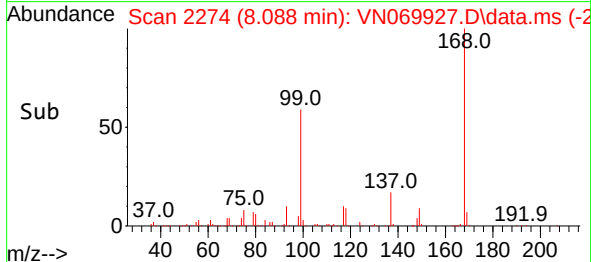
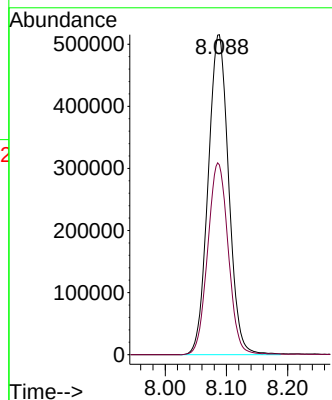
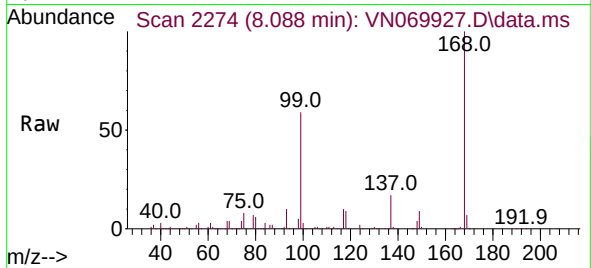




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

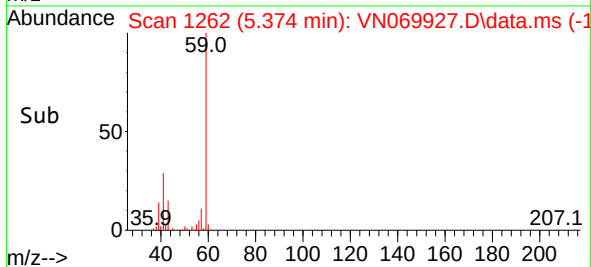
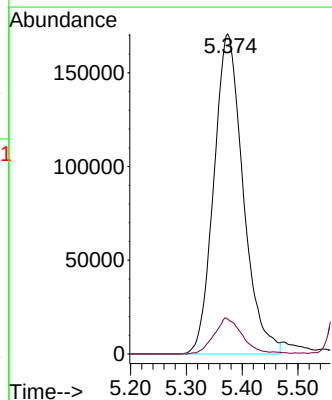
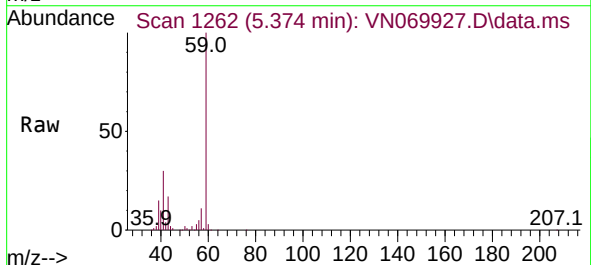
Instrument :
MSVOA_N
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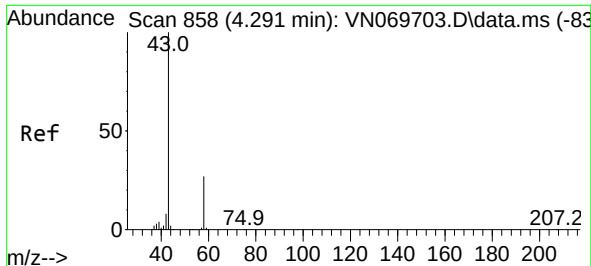
Tgt Ion:168 Resp: 1199673
Ion Ratio Lower Upper
168 100
99 59.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 177.756 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.016 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

Tgt Ion: 59 Resp: 622375
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

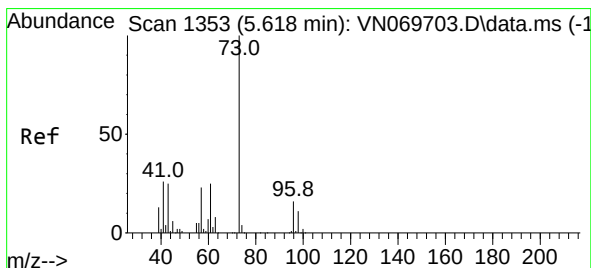
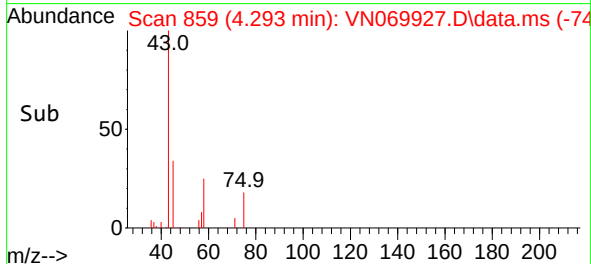
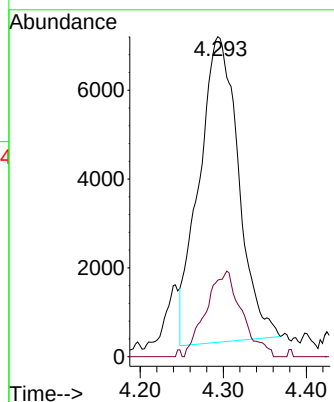
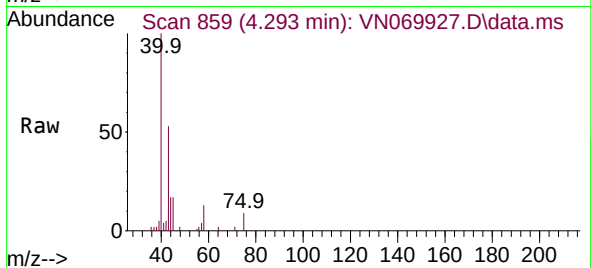




#16
Acetone
Concen: 2.030 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

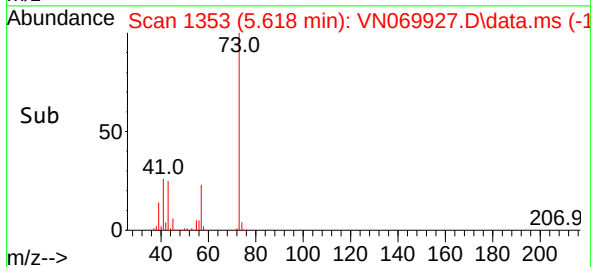
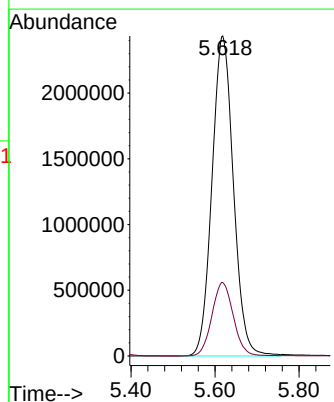
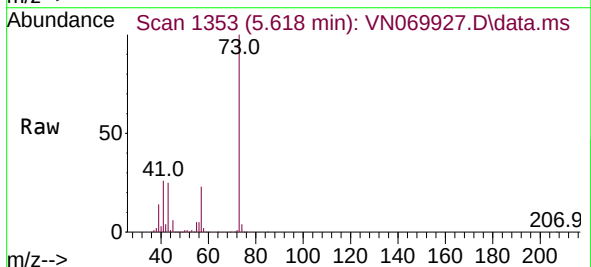
Instrument :
MSVOA_N
ClientSampleId :
MW-19

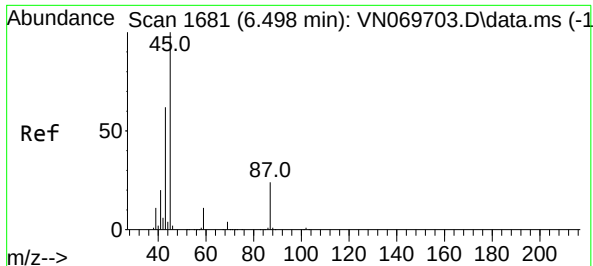
Tgt Ion: 43 Resp: 22616
Ion Ratio Lower Upper
43 100
58 25.5 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 194.182 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

Tgt Ion: 73 Resp: 8627999
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2

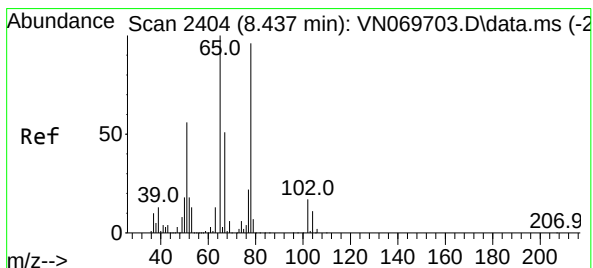
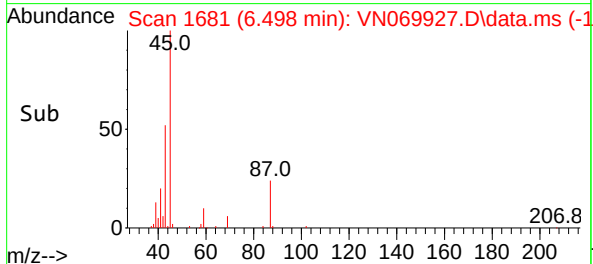
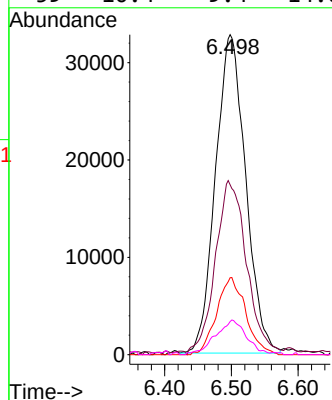
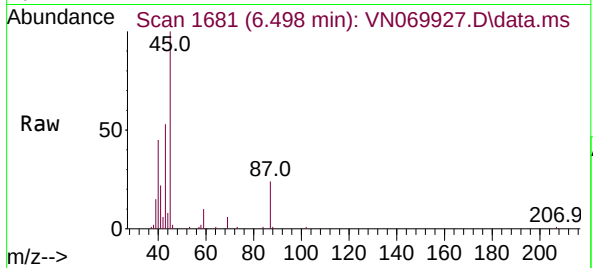




#22
Diisopropyl ether
Concen: 2.038 ug/l
RT: 6.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

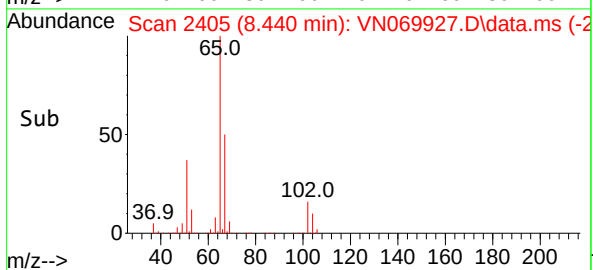
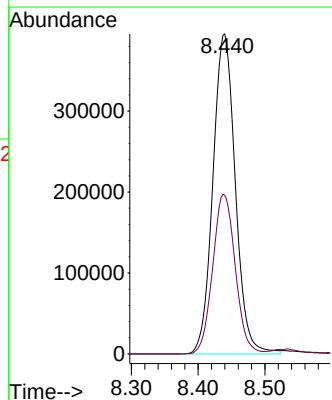
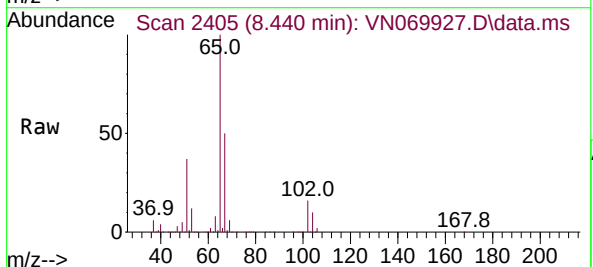
Instrument :
MSVOA_N
ClientSampleId :
MW-19

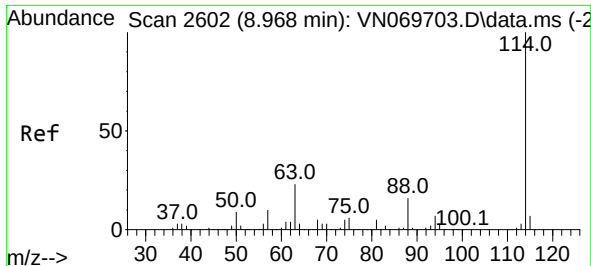
Tgt Ion:	45	Resp:	102559
Ion	Ratio	Lower	Upper
45	100		
43	52.3	51.7	77.5
87	24.2	23.2	34.8
59	10.4	9.4	14.0



#33
1,2-Dichloroethane-d4
Concen: 49.846 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

Tgt Ion:	65	Resp:	923303
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	103.0

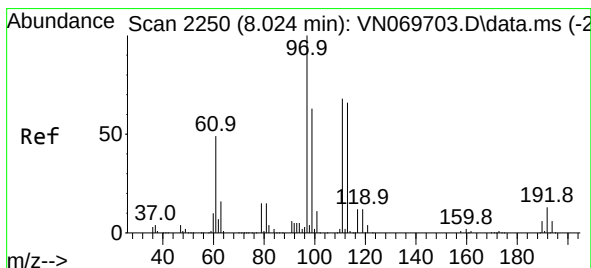
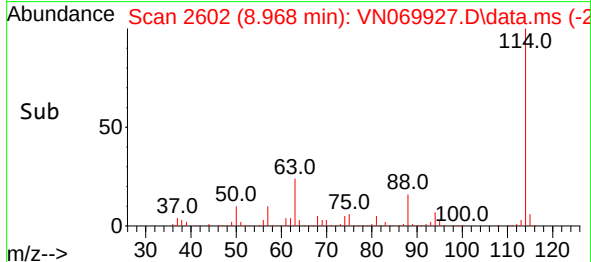
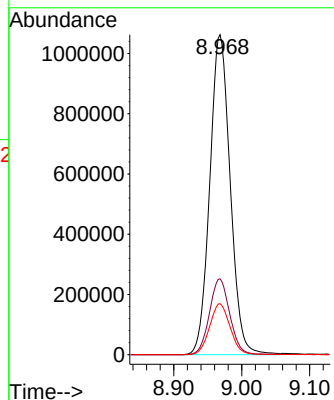
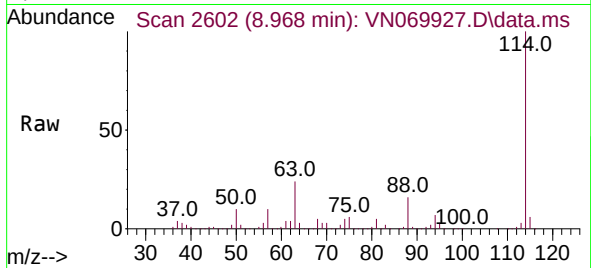




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

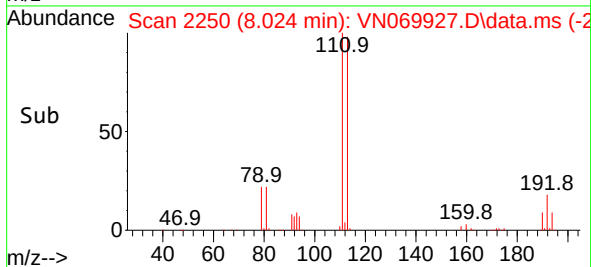
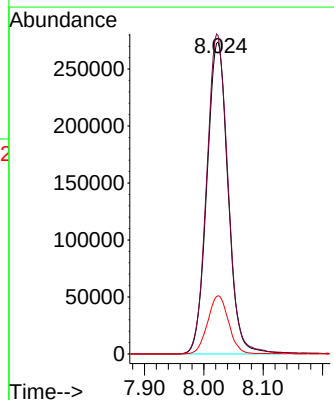
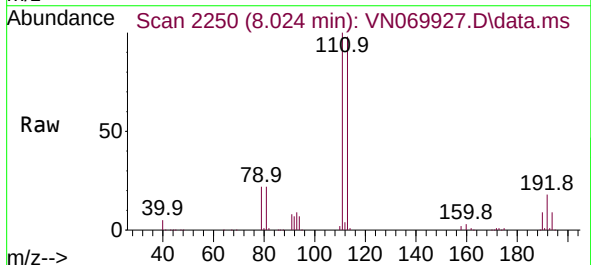
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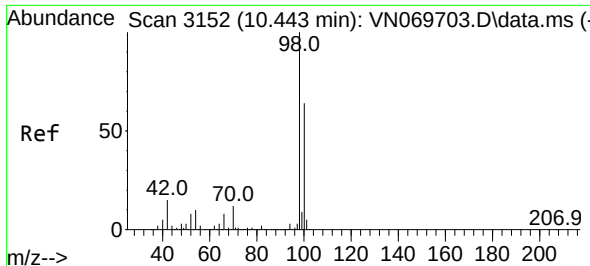
Tgt Ion:114 Resp: 2216500
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.738 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

Tgt Ion:113 Resp: 676663
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.5 16.9 25.3

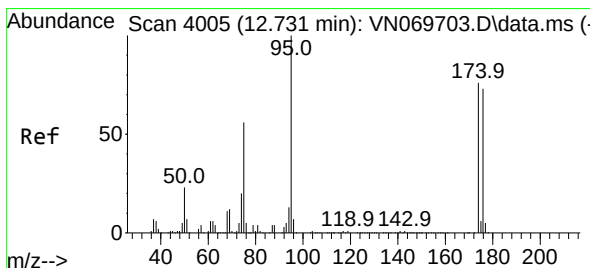
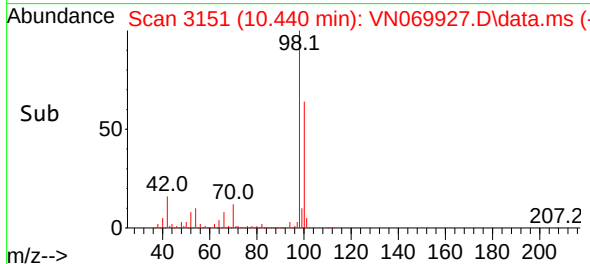
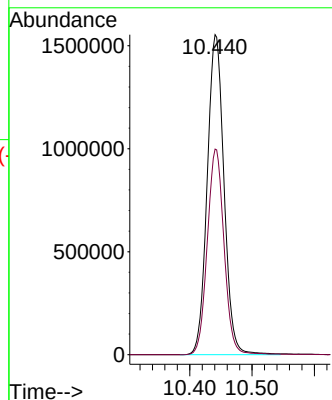
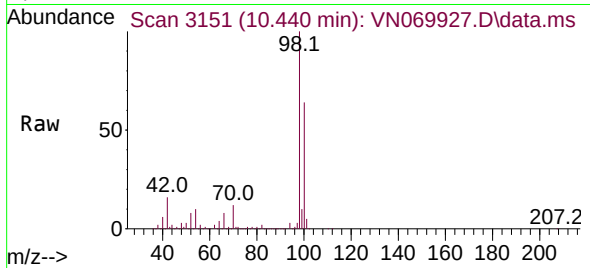




#50
Toluene-d8
Concen: 52.210 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

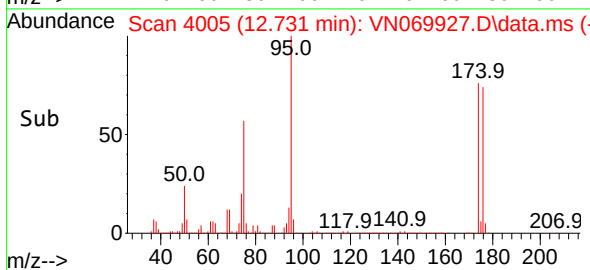
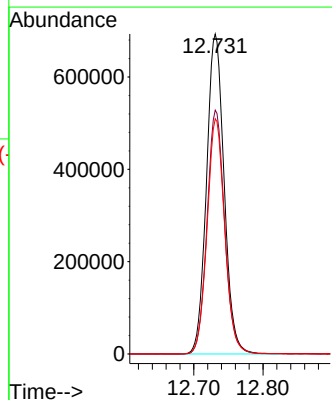
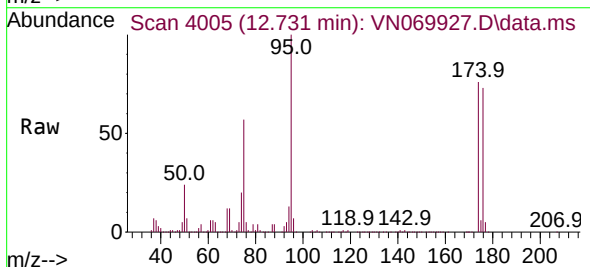
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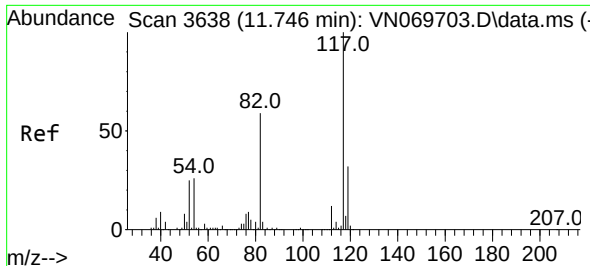
Tgt Ion: 98 Resp: 2910564
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 60.757 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

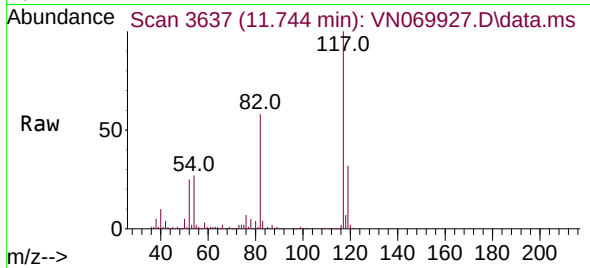
Tgt Ion: 95 Resp: 1227049
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.2 0.0 181.4



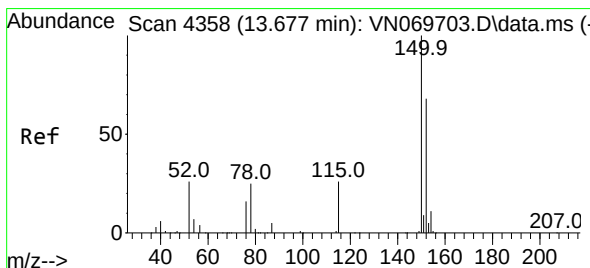
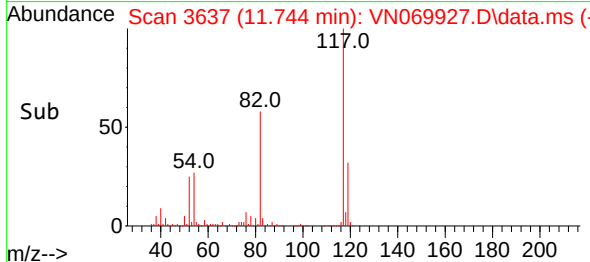
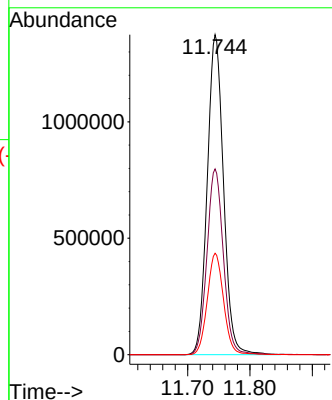


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

Instrument :
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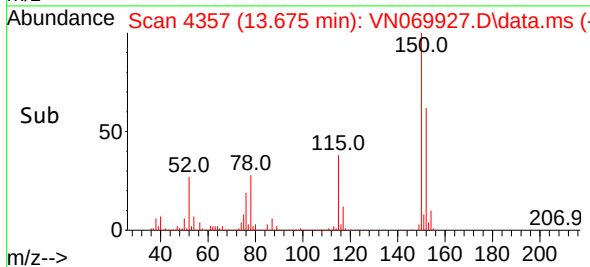
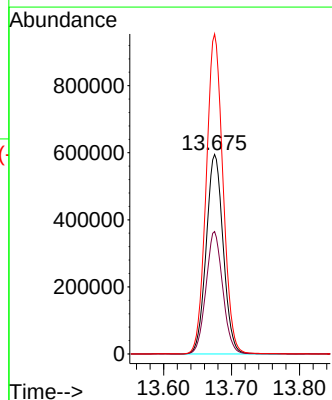
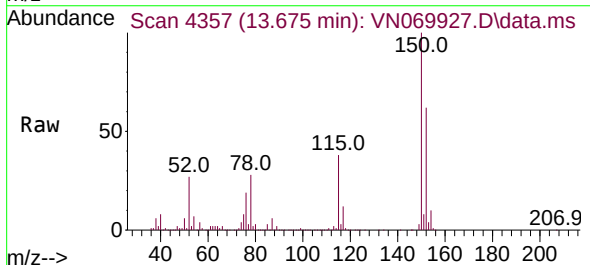


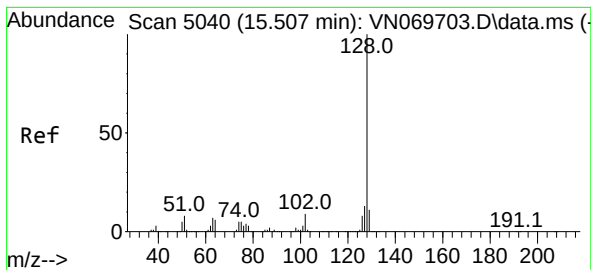
Tgt Ion:117 Resp: 2489338
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069927.D
Acq: 9 Dec 2021 21:51

Tgt Ion:152 Resp: 1032110
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 158.5 0.0 344.4





#95

Naphthalene

Concen: 4.545 ug/l

RT: 15.504 min Scan# 50

Delta R.T. -0.003 min

Lab File: VN069927.D

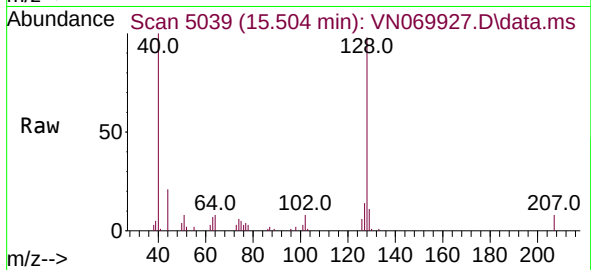
Acq: 9 Dec 2021 21:51

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:128 Resp: 30708

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 11.3 8.7 13.1

