

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069995.D
 Acq On : 11 Dec 2021 8:33
 Operator : JC/MD
 Sample : M4970-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-31

Quant Time: Dec 16 18:06:17 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)

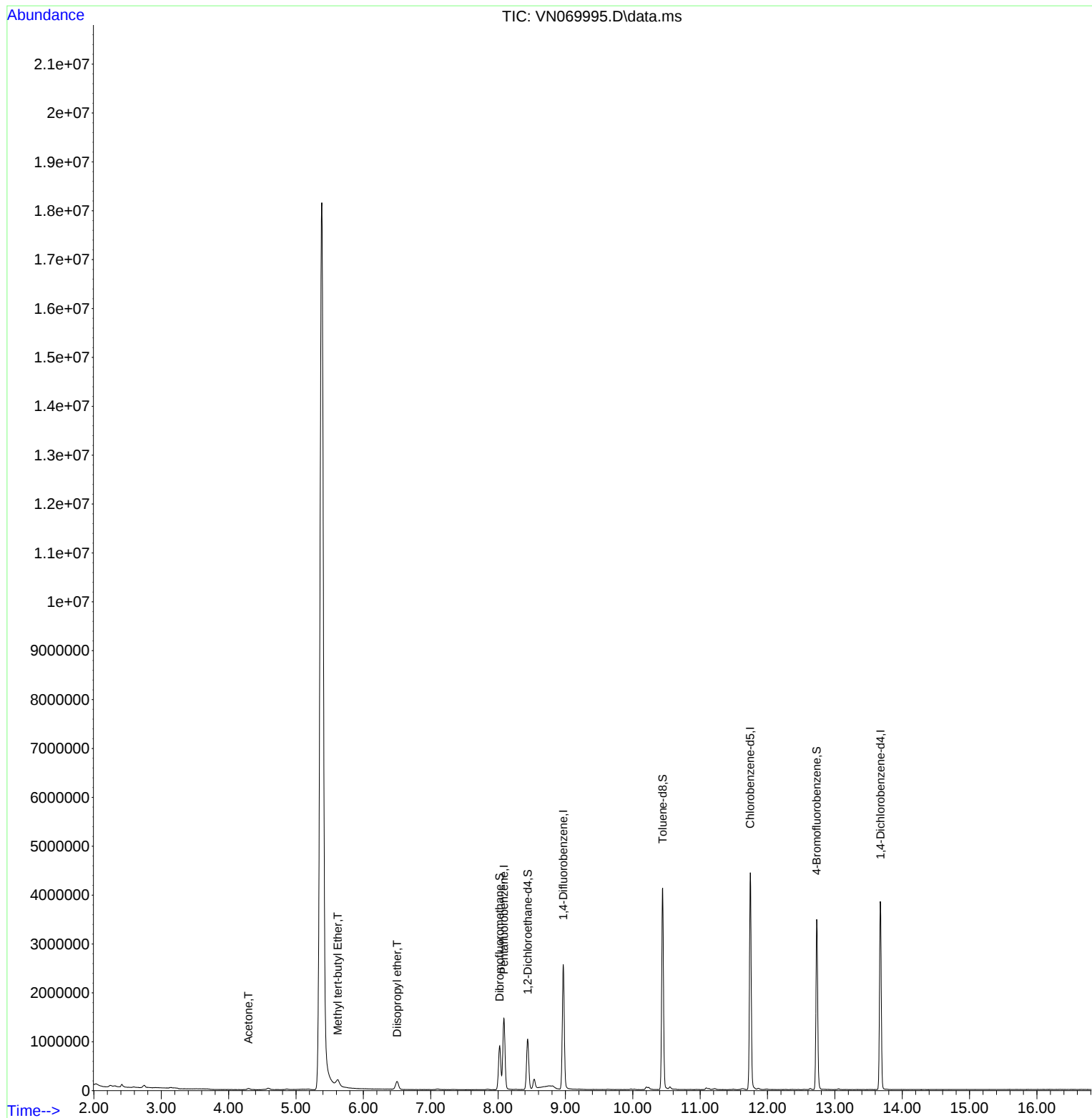
Internal Standards						
1) Pentafluorobenzene	8.088	168	1070511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2103360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2430462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	1021955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	898624	54.37	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.74%	
35) Dibromofluoromethane	8.024	113	655407	49.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.50%	
50) Toluene-d8	10.443	98	2765492	52.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.56%	
62) 4-Bromofluorobenzene	12.731	95	1214250	63.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 126.72%	
Target Compounds						
16) Acetone	4.293	43	41522	4.18	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	172911	4.36	ug/l #	90
22) Diisopropyl ether	6.501	45	207111	4.61	ug/l #	90

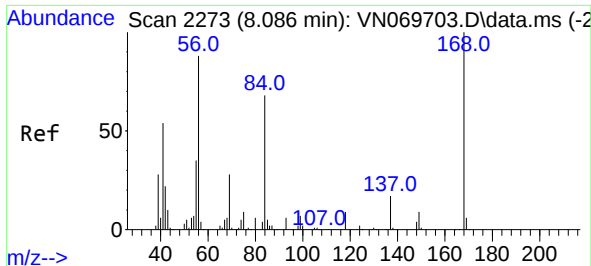
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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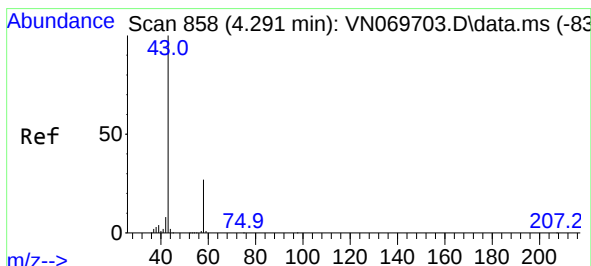
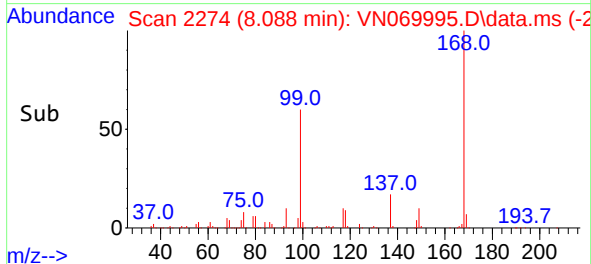
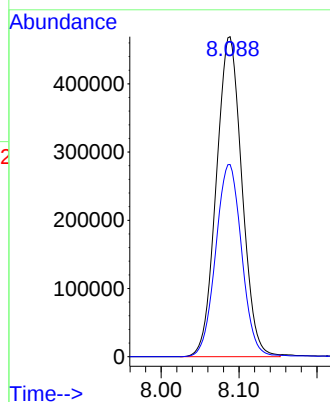
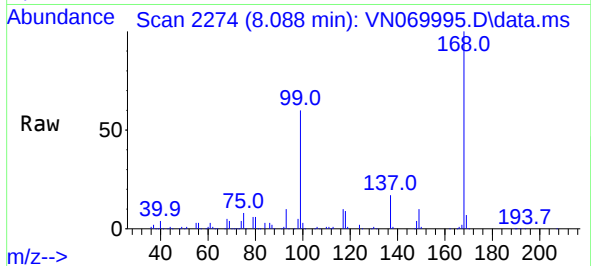




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069995.D
Acq: 11 Dec 2021 8:33

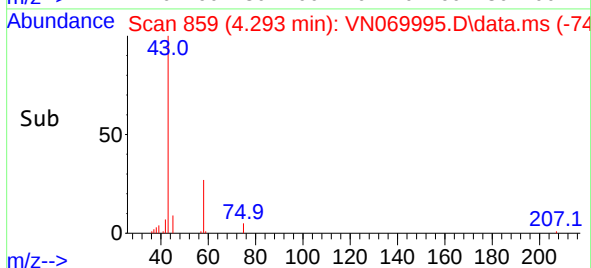
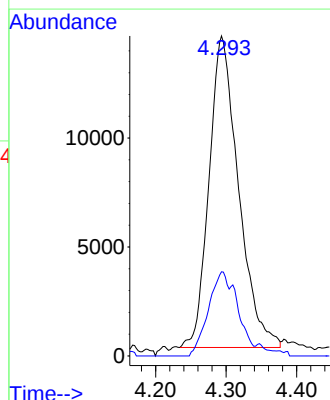
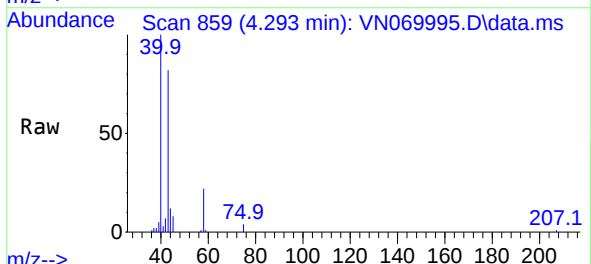
Instrument :
MSVOA_N
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MW-31

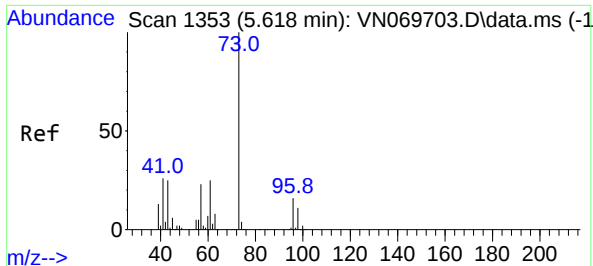
Tgt Ion:168 Resp: 1070511
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#16
Acetone
Concen: 4.18 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069995.D
Acq: 11 Dec 2021 8:33

Tgt Ion: 43 Resp: 41522
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7

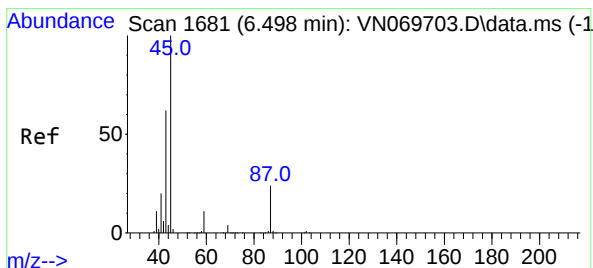
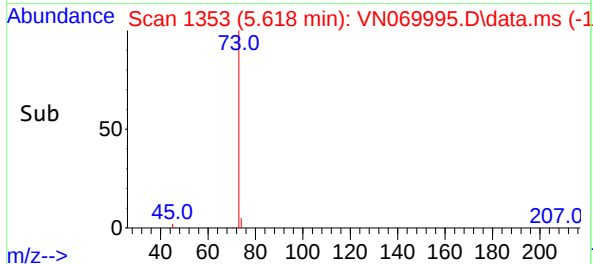
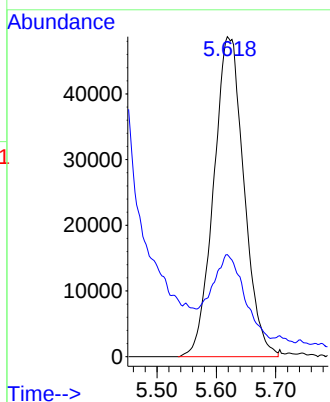
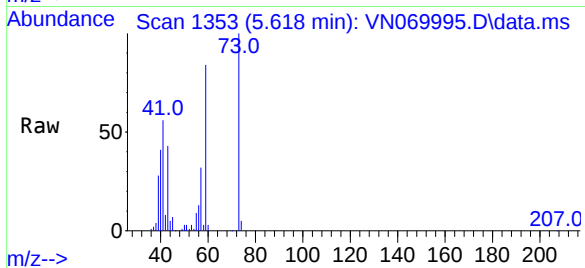




#19
Methyl tert-butyl Ether
Concen: 4.36 ug/l
RT: 5.618 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069995.D
Acq: 11 Dec 2021 8:33

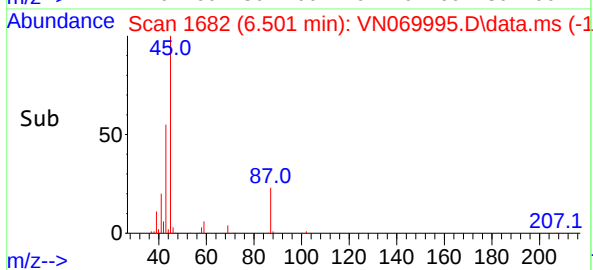
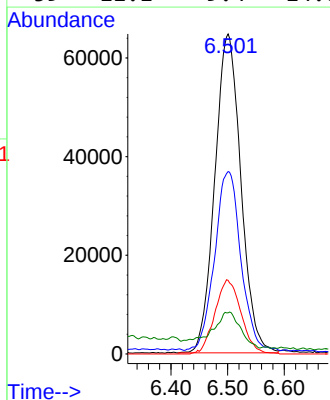
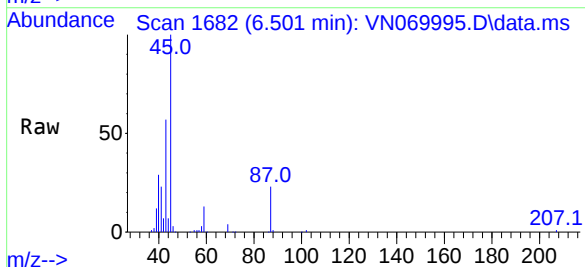
Instrument :
MSVOA_N
ClientSampleId :
MW-31

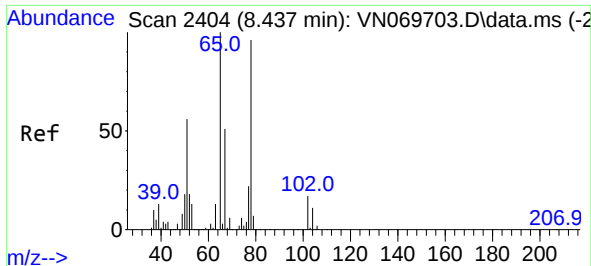
Tgt Ion: 73 Resp: 172911
Ion Ratio Lower Upper
73 100
57 25.5 16.8 25.2#



#22
Diisopropyl ether
Concen: 4.61 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069995.D
Acq: 11 Dec 2021 8:33

Tgt Ion: 45 Resp: 207111
Ion Ratio Lower Upper
45 100
43 55.9 51.7 77.5
87 23.1 23.2 34.8#
59 11.1 9.4 14.0

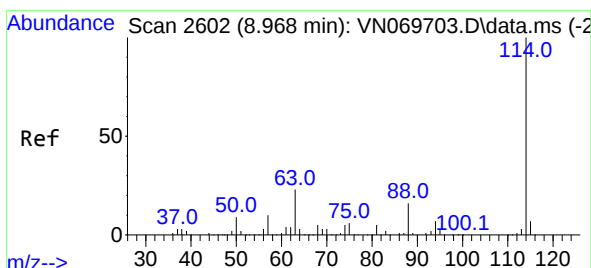
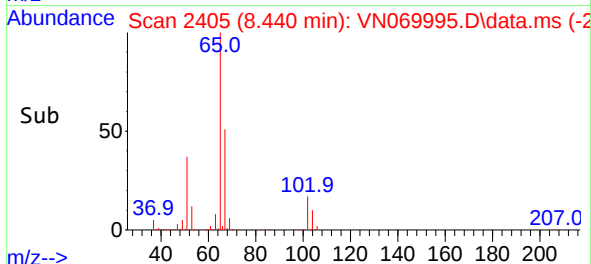
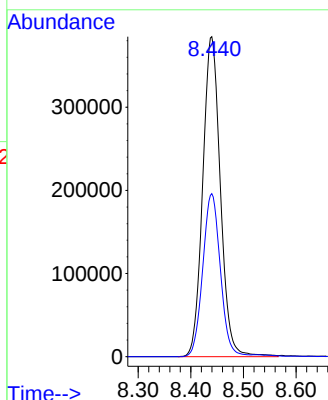
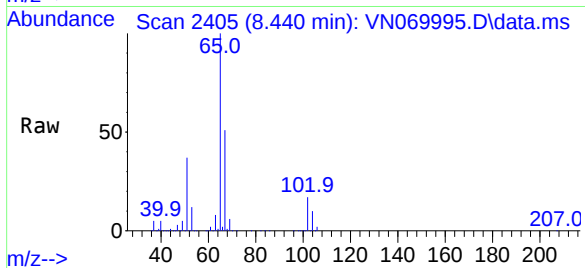




#33
 1,2-Dichloroethane-d4
 Concen: 54.37 ug/l
 RT: 8.440 min Scan# 2404
 Delta R.T. 0.003 min
 Lab File: VN069995.D
 Acq: 11 Dec 2021 8:33

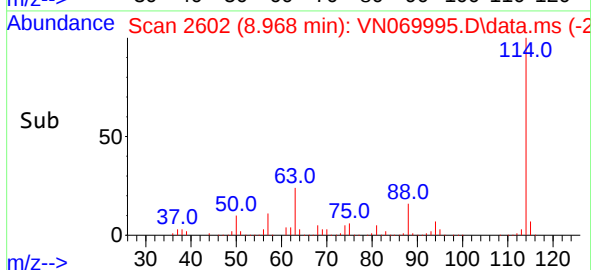
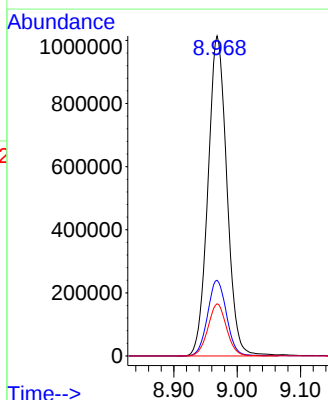
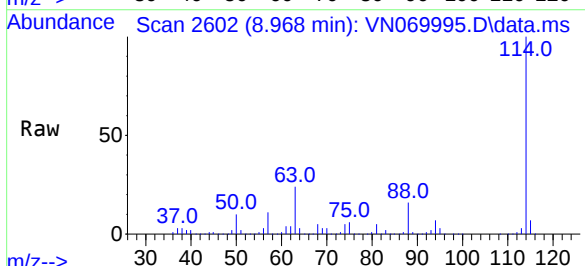
Instrument :
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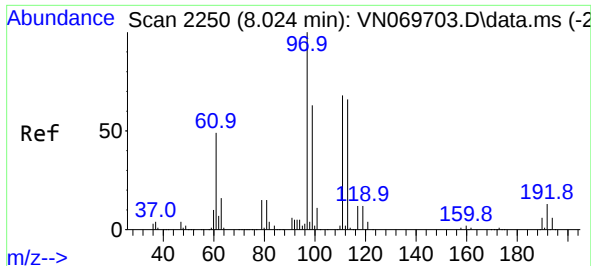
Tgt Ion: 65 Resp: 898624
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069995.D
 Acq: 11 Dec 2021 8:33

Tgt Ion: 114 Resp: 2103360
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 37.8
 88 16.3 0.0 27.4

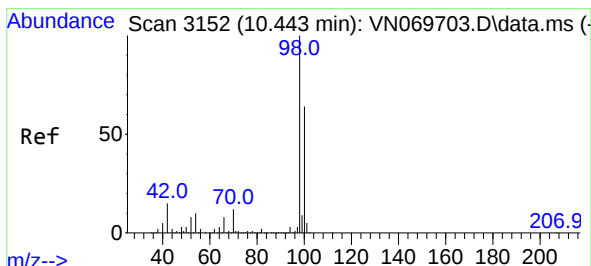
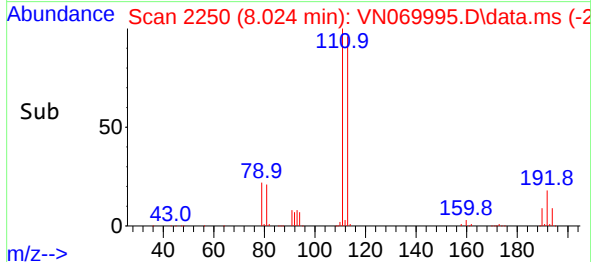
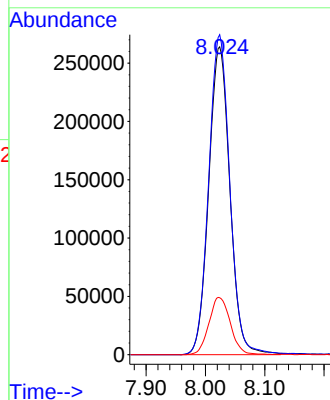
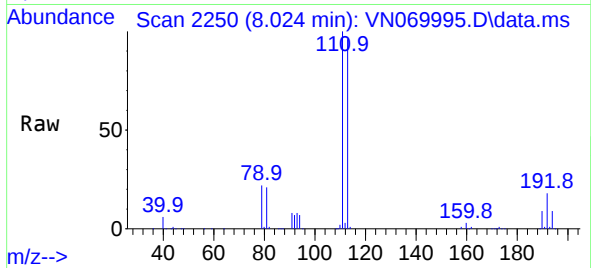




#35
Dibromofluoromethane
Concen: 49.75 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069995.D
Acq: 11 Dec 2021 8:33

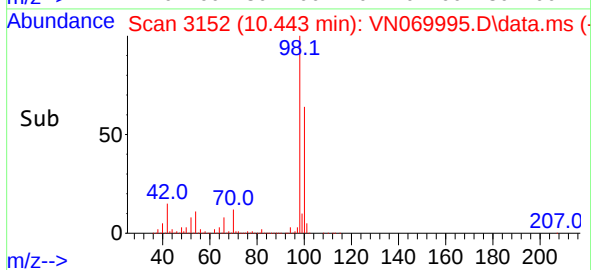
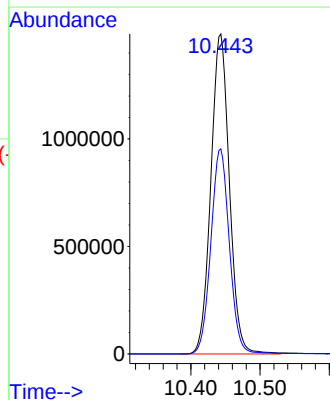
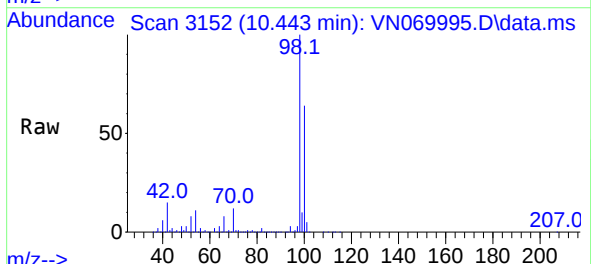
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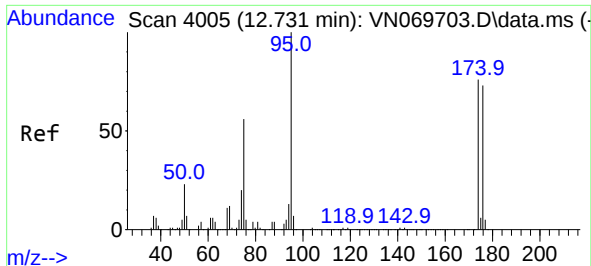
Tgt Ion:113 Resp: 655407
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.8 16.9 25.3



#50
Toluene-d8
Concen: 52.28 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069995.D
Acq: 11 Dec 2021 8:33

Tgt Ion: 98 Resp: 2765492
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

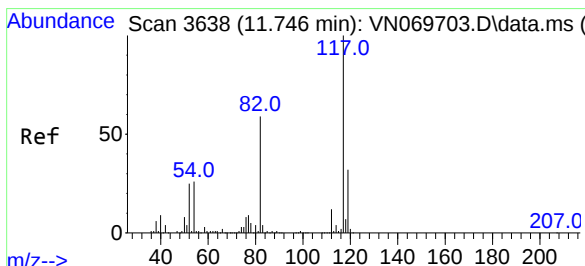
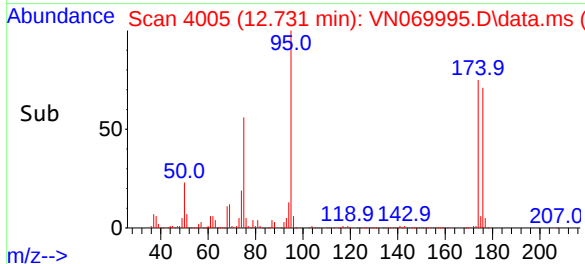
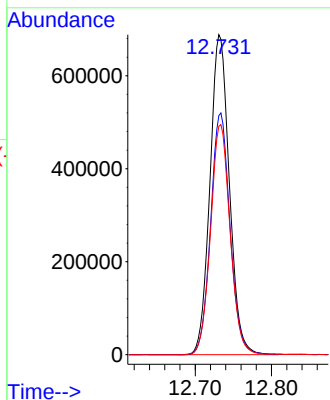
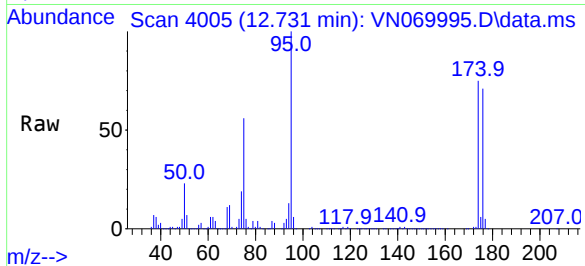




#62
4-Bromofluorobenzene
Concen: 63.36 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069995.D
Acq: 11 Dec 2021 8:33

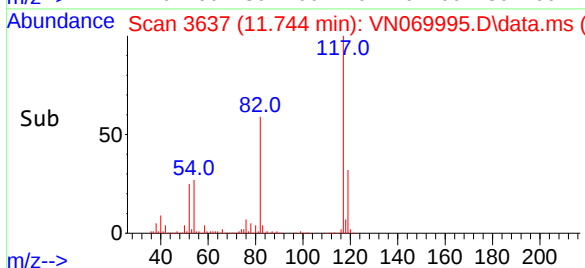
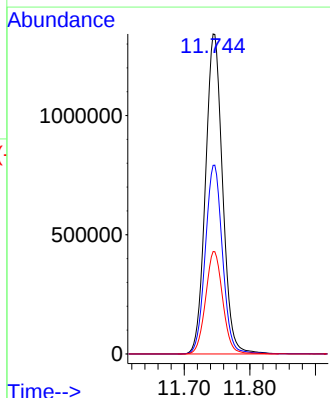
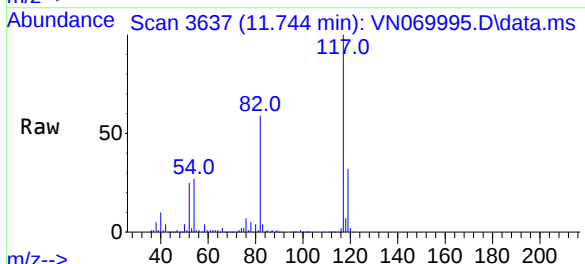
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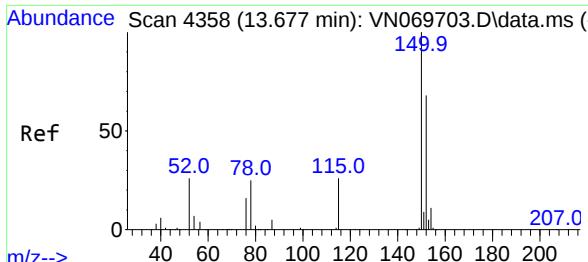
Tgt Ion: 95 Resp: 1214250
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 72.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069995.D
Acq: 11 Dec 2021 8:33

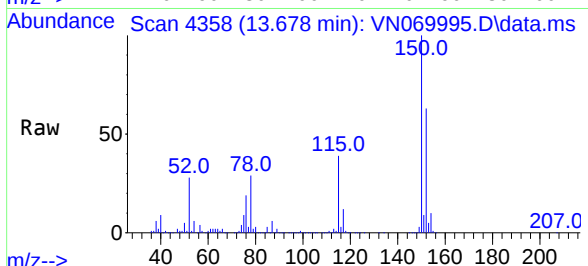
Tgt Ion: 117 Resp: 2430462
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.0 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069995.D
Acq: 11 Dec 2021 8:33

Instrument :
MSVOA_N
ClientSampleId :
MW-31



Tgt Ion:152 Resp: 1021955

Ion	Ratio	Lower	Upper
152	100		
115	60.9	27.5	82.5
150	157.8	0.0	344.4

