

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069573.D
 Acq On : 19 Nov 2021 1:07
 Operator : JC/MD
 Sample : PB140846TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB140846TB

Quant Time: Nov 19 03:23:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

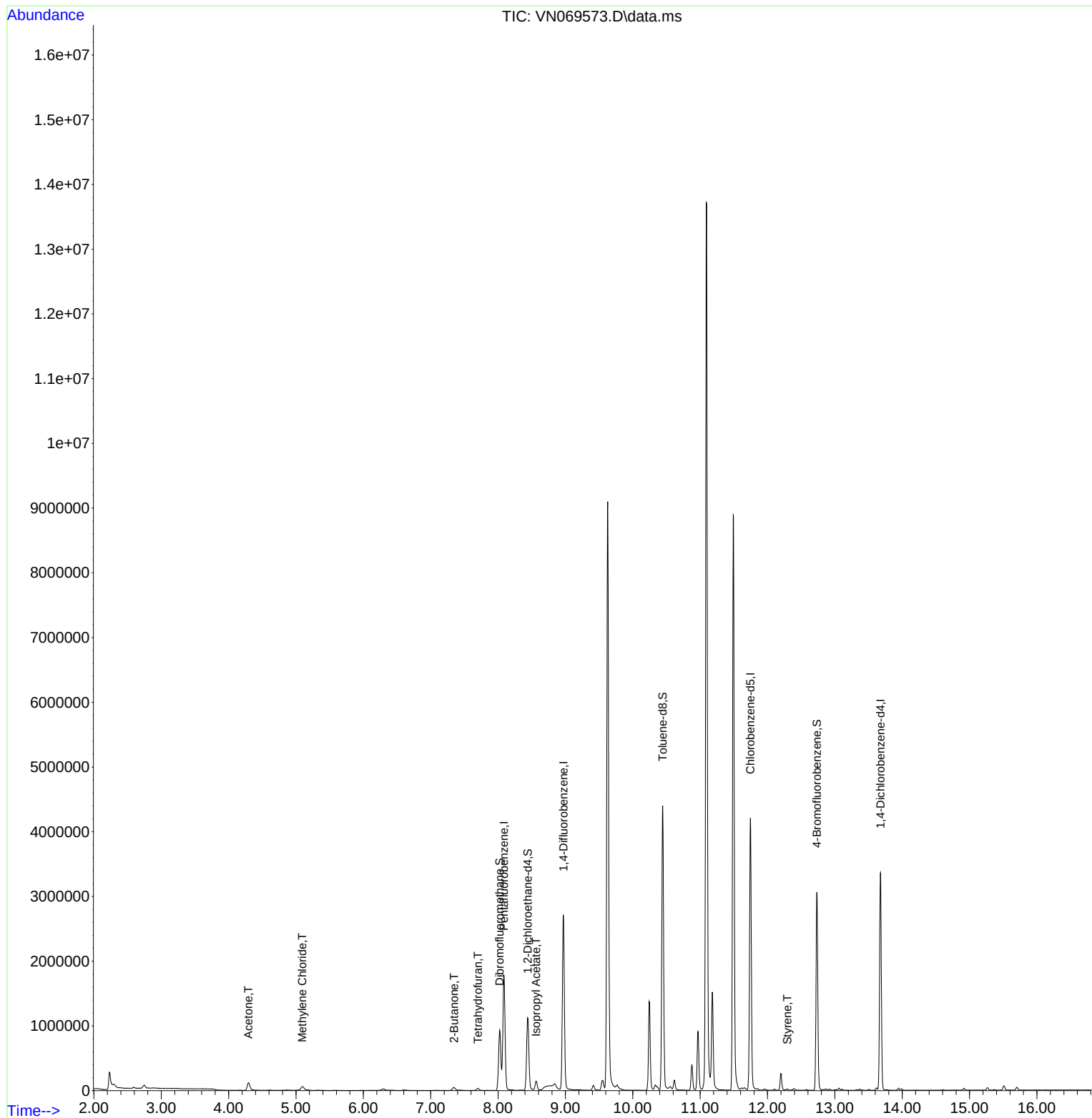
Internal Standards						
1) Pentafluorobenzene	8.086	168	1297405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2282744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2362531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	897884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	969396	51.532	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.060%			
35) Dibromofluoromethane	8.024	113	667862	48.781	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.560%			
50) Toluene-d8	10.443	98	2951138	54.807	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.620%			
62) 4-Bromofluorobenzene	12.733	95	1063278	53.752	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.500%			
Target Compounds						
16) Acetone	4.293	43	230250	22.685	ug/l	95
20) Methylene Chloride	5.093	84	40756	2.832	ug/l	85
25) 2-Butanone	7.345	43	67226	4.891	ug/l	93
29) Tetrahydrofuran	7.702	42	27811	3.297	ug/l #	87
43) Isopropyl Acetate	8.566	43	160338	3.845	ug/l #	88
70) Styrene	12.294	104	6172	1.632	ug/l	89

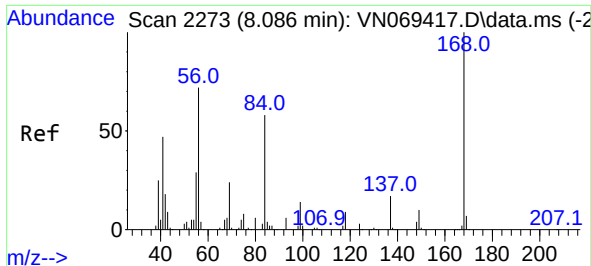
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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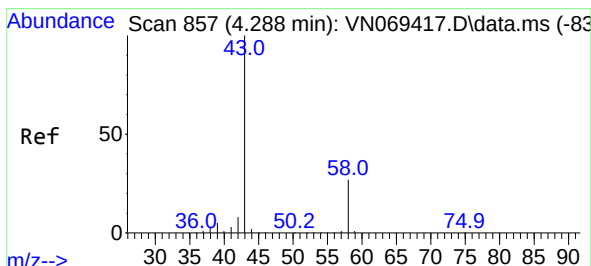
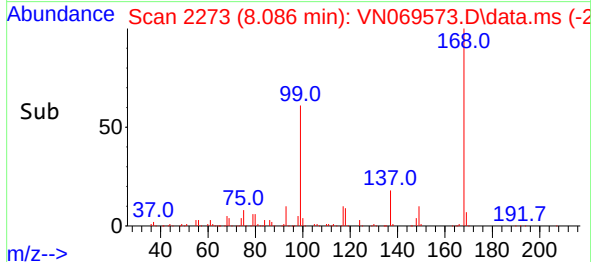
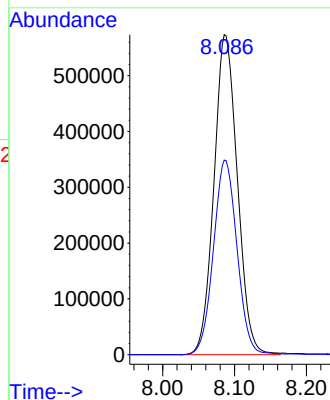
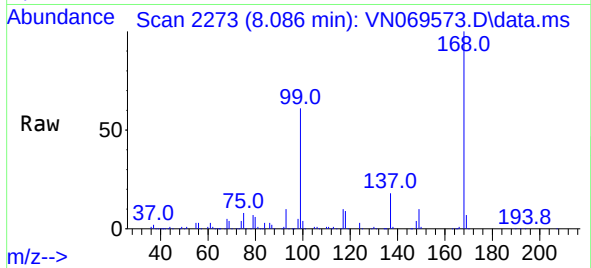




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

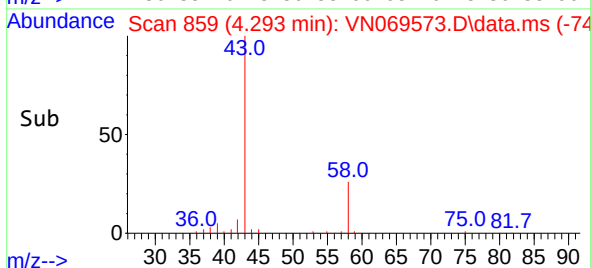
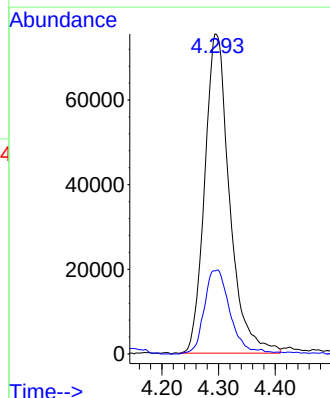
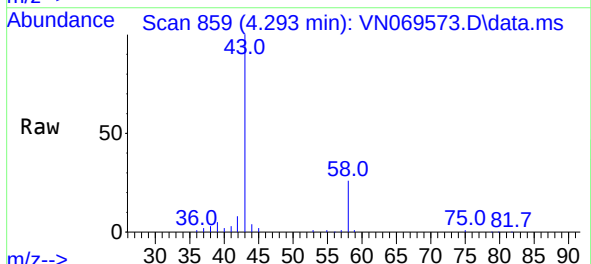
Instrument :
MSVOA_N
ClientSampleId :
PB140846TB

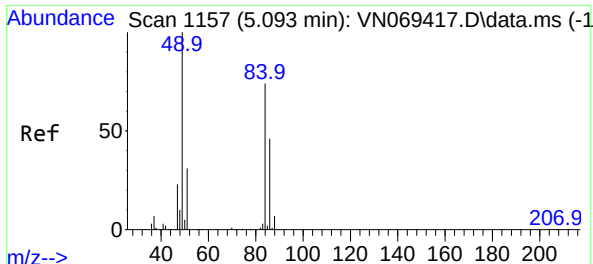
Tgt Ion:168 Resp: 1297405
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#16
Acetone
Concen: 22.685 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 43 Resp: 230250
Ion Ratio Lower Upper
43 100
58 26.0 23.1 34.7



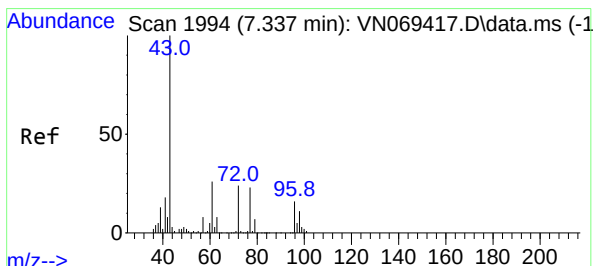
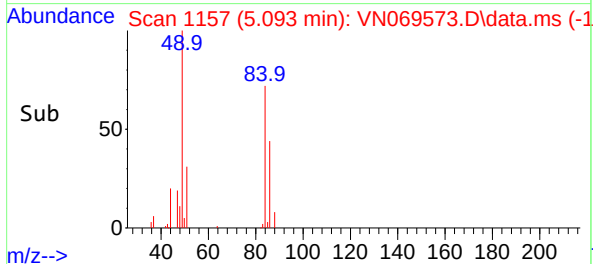
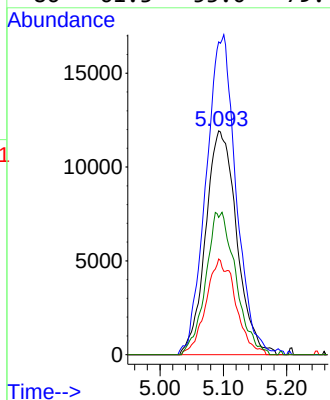
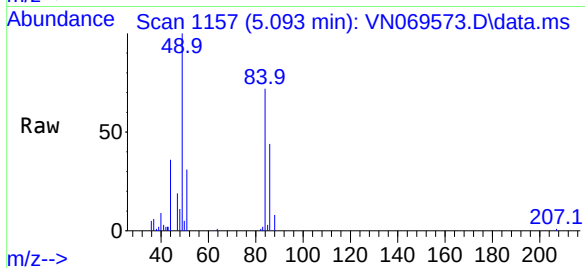


#20
Methylene Chloride
Concen: 2.832 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Instrument :
MSVOA_N
ClientSampleId :
PB140846TB

Tgt Ion: 84 Resp: 40756

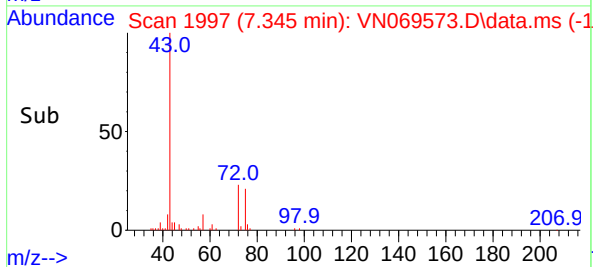
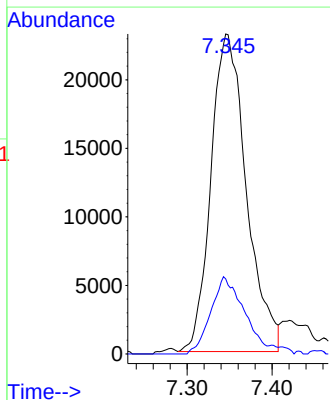
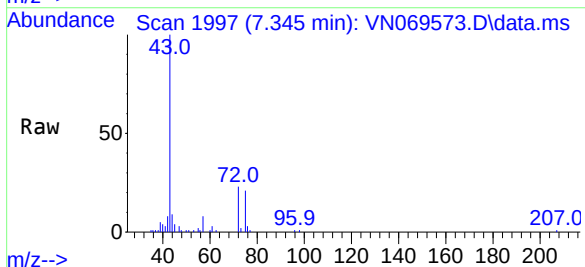
Ion	Ratio	Lower	Upper
84	100		
49	139.7	93.5	140.3
51	42.8	29.4	44.2
86	61.3	53.0	79.4

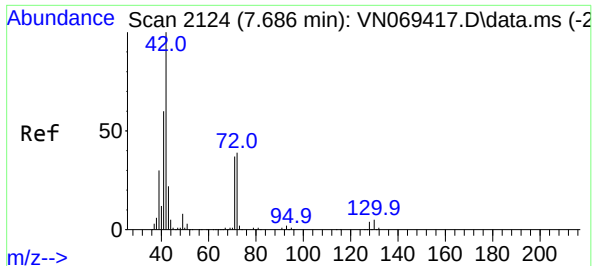


#25
2-Butanone
Concen: 4.891 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 43 Resp: 67226

Ion	Ratio	Lower	Upper
43	100		
72	23.6	21.7	32.5

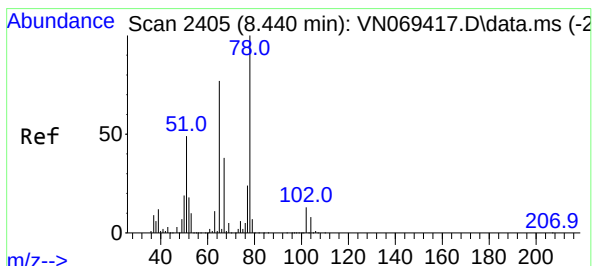
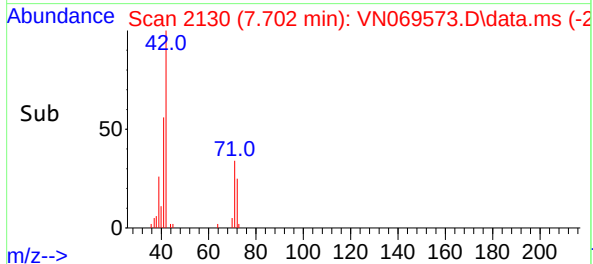
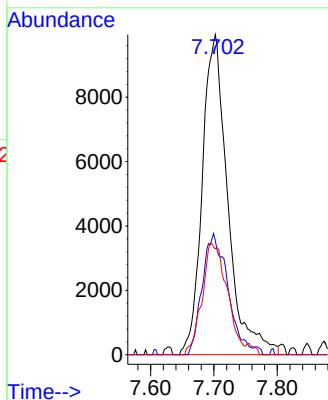
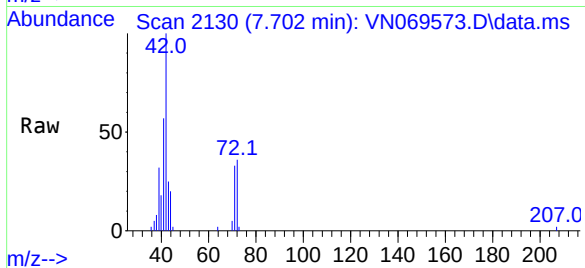




#29
Tetrahydrofuran
Concen: 3.297 ug/l
RT: 7.702 min Scan# 2124
Delta R.T. 0.016 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

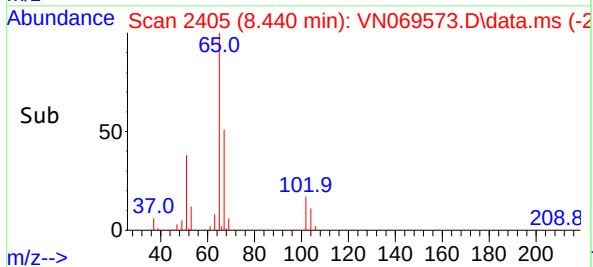
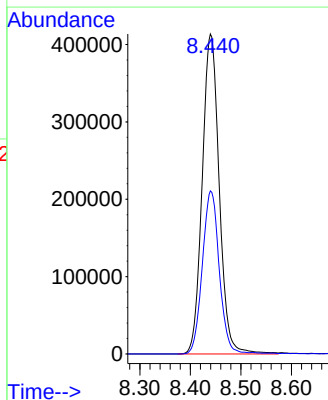
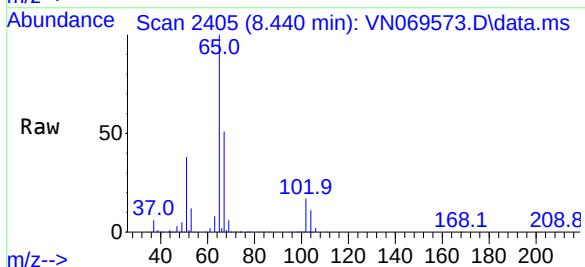
Instrument :
MSVOA_N
ClientSampleId :
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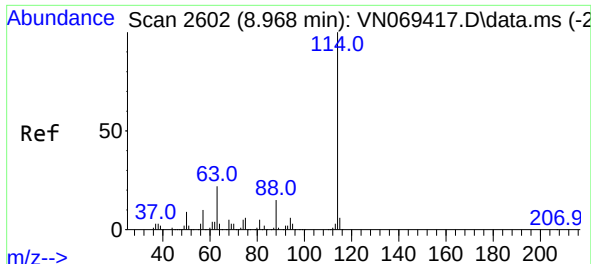
Tgt Ion: 42 Resp: 27811
Ion Ratio Lower Upper
42 100
72 38.0 36.3 54.5
71 34.1 34.7 52.1#



#33
1,2-Dichloroethane-d4
Concen: 51.532 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 65 Resp: 969396
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0

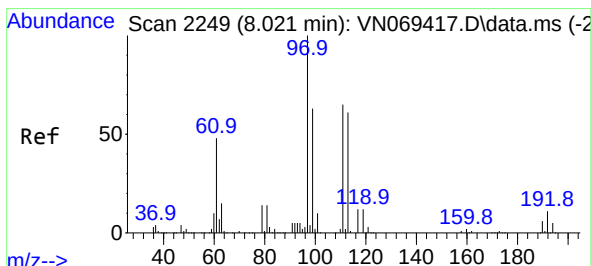
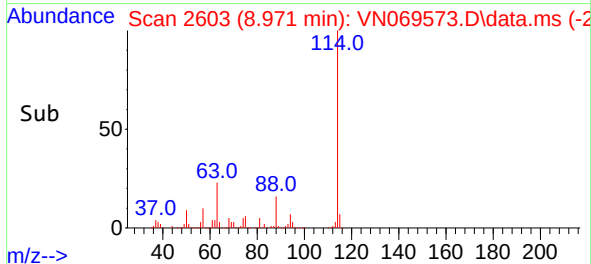
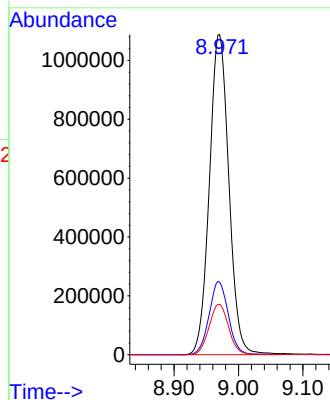
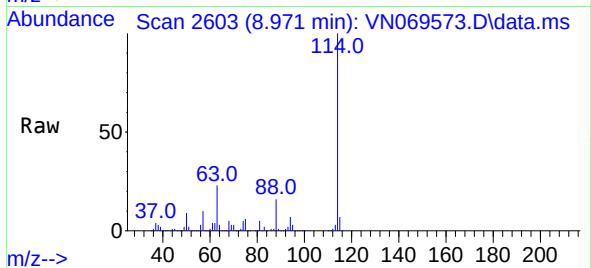




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 210
Delta R.T. 0.003 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

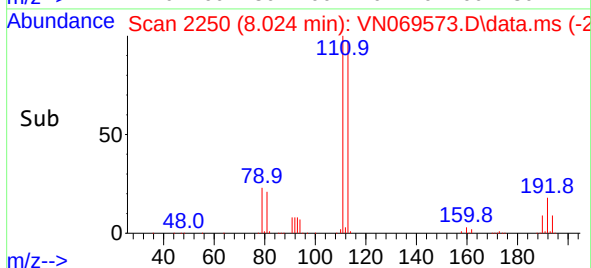
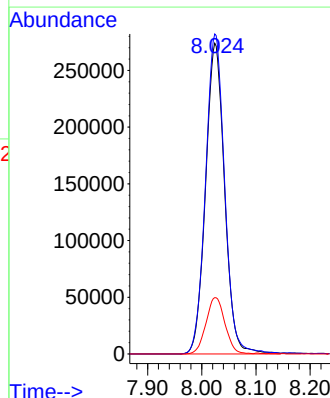
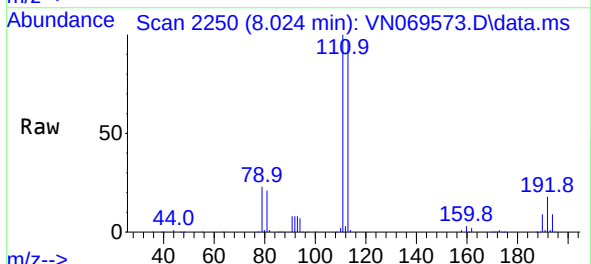
Instrument :
MSVOA_N
ClientSampleId :
PB140846TB

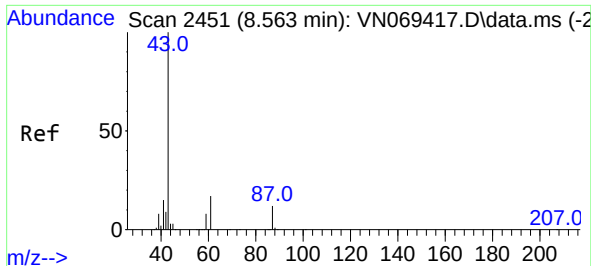
Tgt Ion:114 Resp: 2282744
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.781 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion:113 Resp: 667862
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.1 16.9 25.3

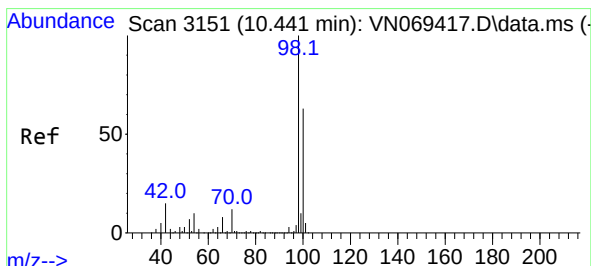
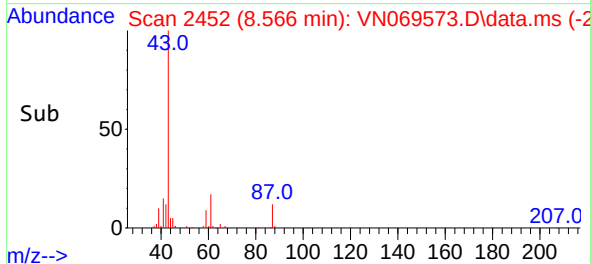
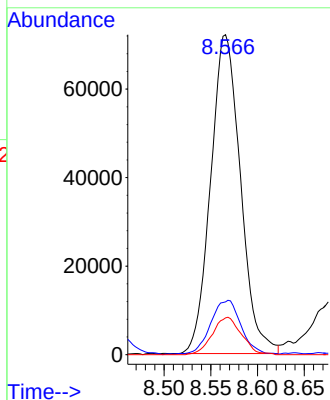
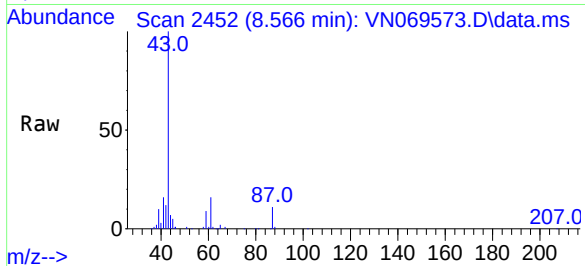




#43
Isopropyl Acetate
Concen: 3.845 ug/l
RT: 8.566 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

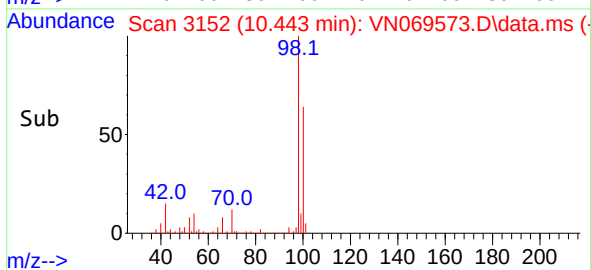
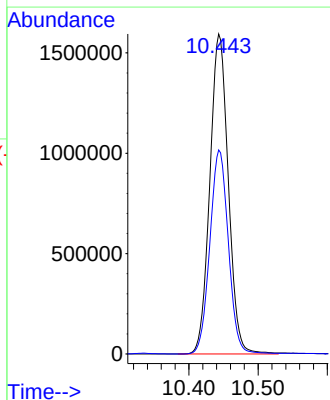
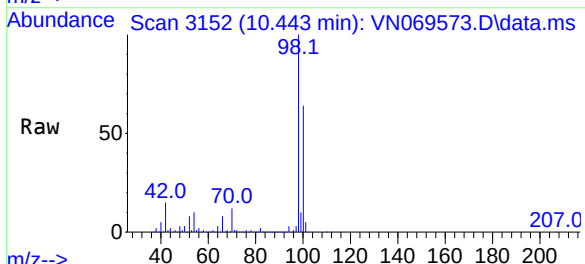
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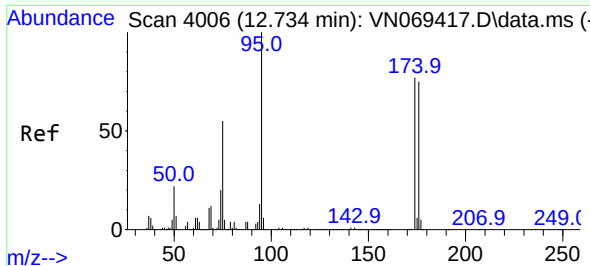
Tgt Ion: 43 Resp: 160338
Ion Ratio Lower Upper
43 100
61 17.7 20.4 30.6#
87 11.5 11.2 16.8



#50
Toluene-d8
Concen: 54.807 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 98 Resp: 2951138
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

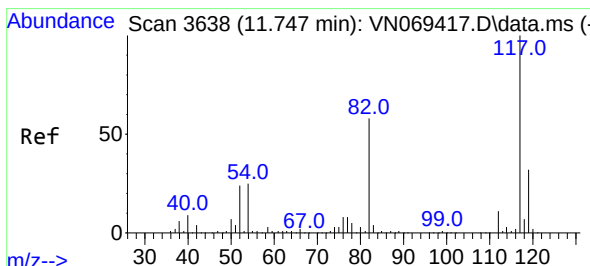
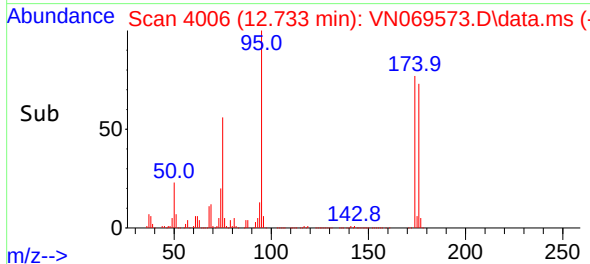
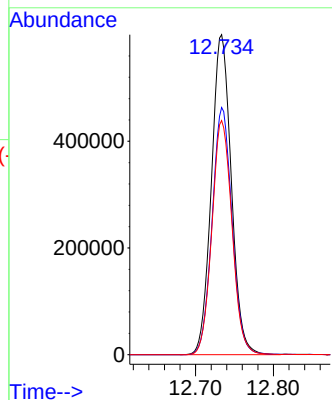
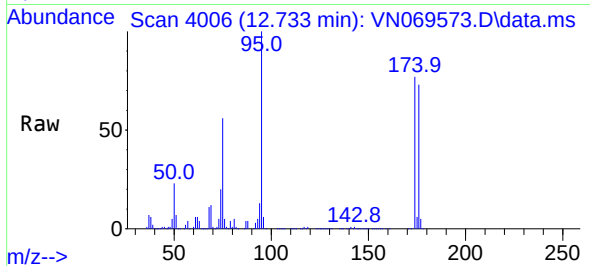




#62
4-Bromofluorobenzene
Concen: 53.752 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

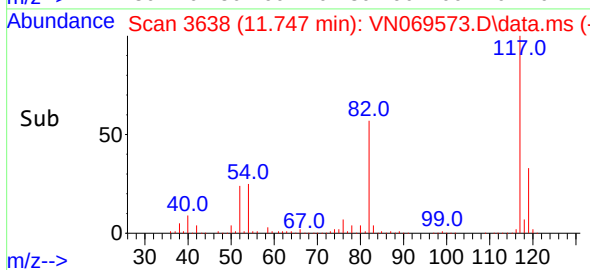
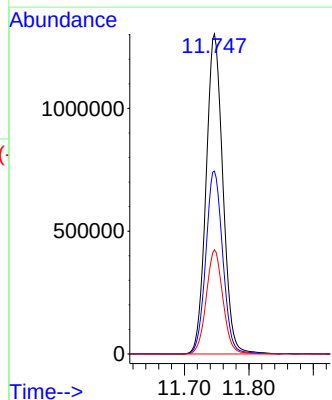
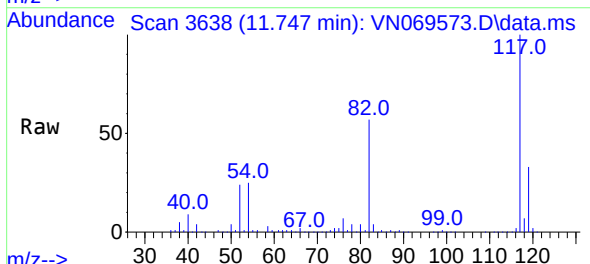
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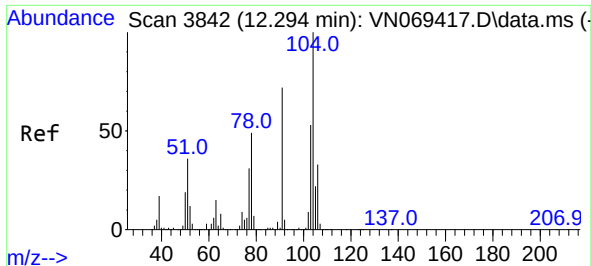
Tgt Ion: 95 Resp: 1063278
Ion Ratio Lower Upper
95 100
174 77.4 0.0 187.2
176 73.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 117 Resp: 2362531
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 32.6 25.4 38.2

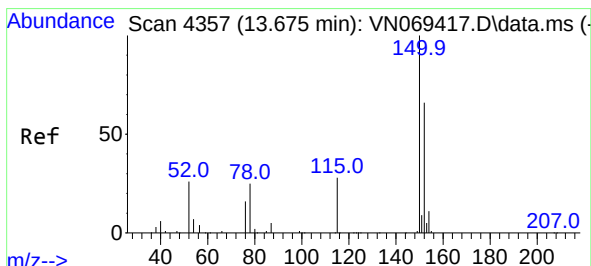
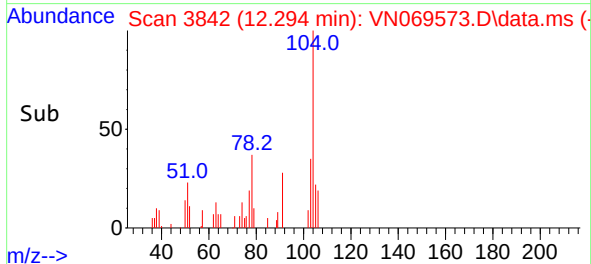
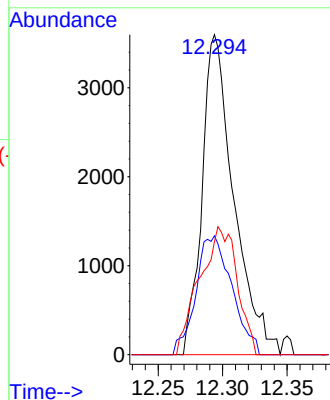
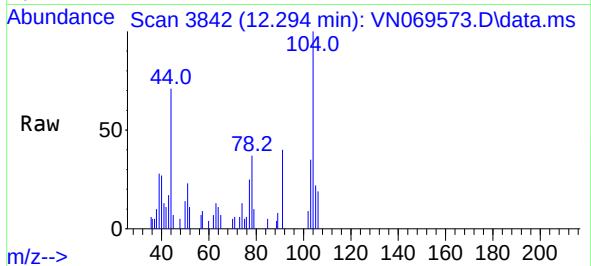




#70
Styrene
Concen: 1.632 ug/l
RT: 12.294 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Instrument :
MSVOA_N
ClientSampleId :
PB140846TB

Tgt Ion:104 Resp: 6172
Ion Ratio Lower Upper
104 100
78 42.1 38.7 58.1
103 47.2 45.0 67.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion:152 Resp: 897884
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 156.7 0.0 344.4

