

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
 Data File : VN069073.D
 Acq On : 20 Oct 2021 19:57
 Operator : JC/MD
 Sample : M4253-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 23:16:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

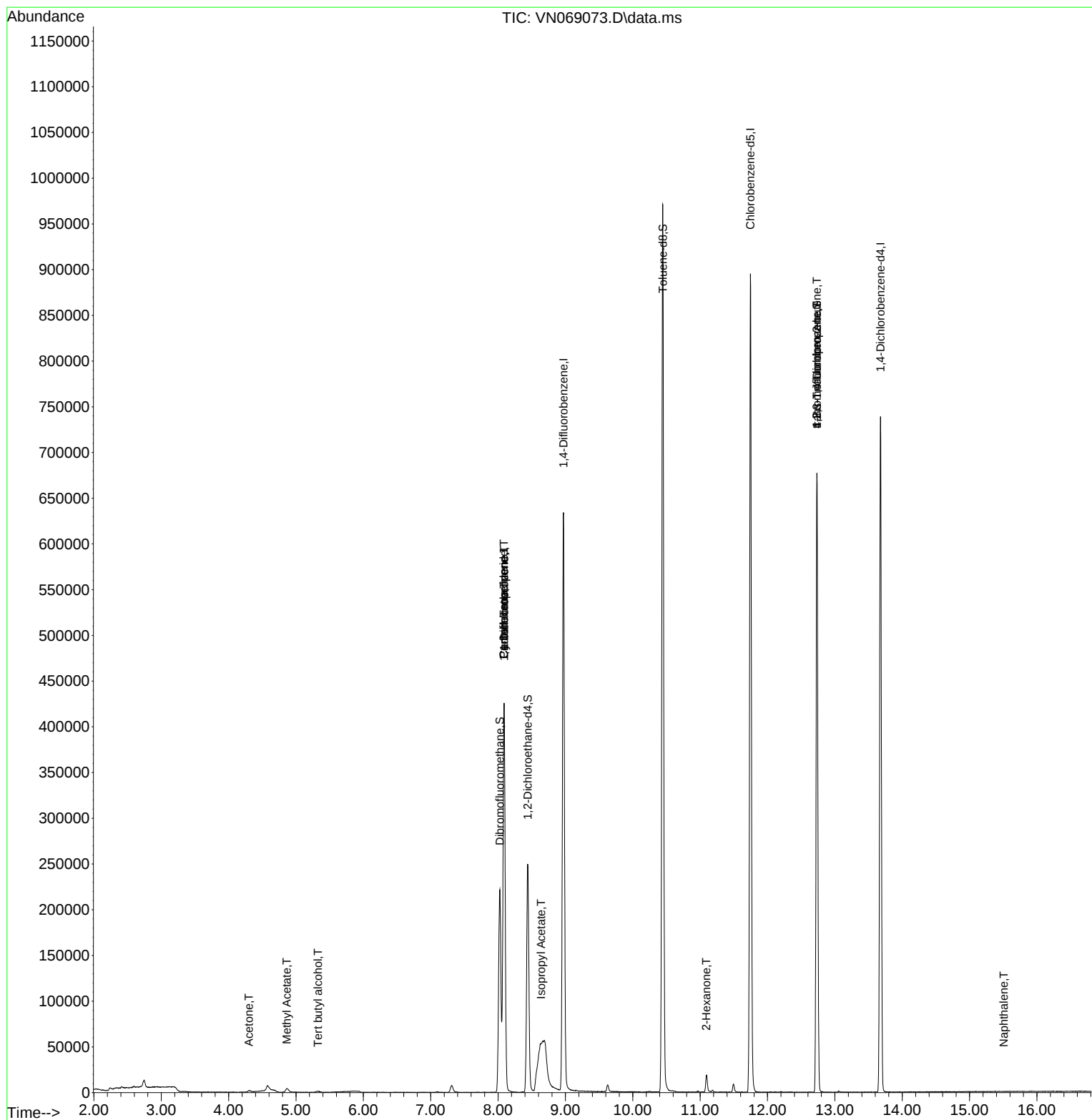
Internal Standards						
1) Pentafluorobenzene	8.088	168	320318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	562906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	523914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	200512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	209652	49.642	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.280%		
35) Dibromofluoromethane	8.027	113	165914	50.660	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.320%		
50) Toluene-d8	10.446	98	700593	53.464	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.920%		
62) 4-Bromofluorobenzene	12.734	95	246764	49.912	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.820%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.329	59	185	0.240	ug/l #	72
16) Acetone	4.299	43	1609	1.021	ug/l	96
18) Methyl Acetate	4.862	43	9746	1.630	ug/l #	85
31) Cyclohexane	8.088	56	7002	1.066	ug/l #	10
36) 1,1-Dichloropropene	8.091	75	26420	5.495	ug/l #	49
38) Carbon Tetrachloride	8.088	117	33506	6.345	ug/l #	15
43) Isopropyl Acetate	8.641	43	78501	8.960	ug/l #	56
59) 2-Hexanone	11.092	43	3304	0.907	ug/l #	45
76) 1,2,3-Trichloropropane	12.734	75	128897	30.213	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	128897	72.282	ug/l #	12
95) Naphthalene	15.507	128	24	3.814	ug/l #	69

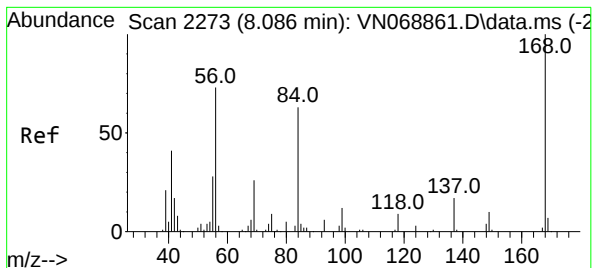
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
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Quant Time: Oct 20 23:16:16 2021
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Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN069073.D

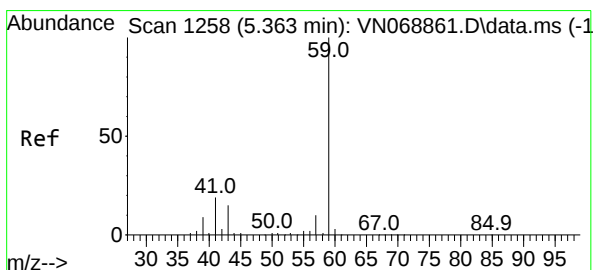
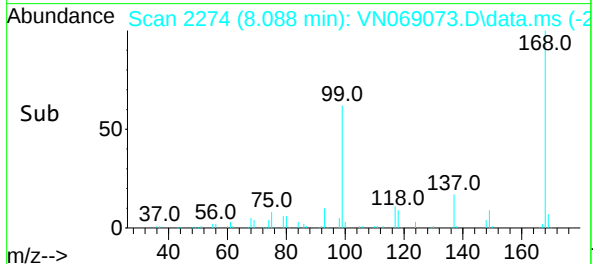
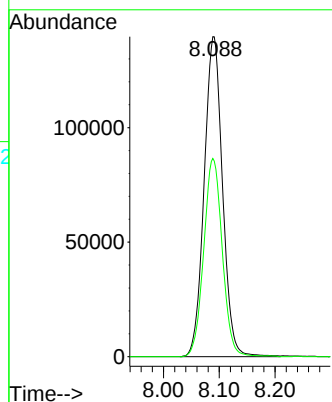
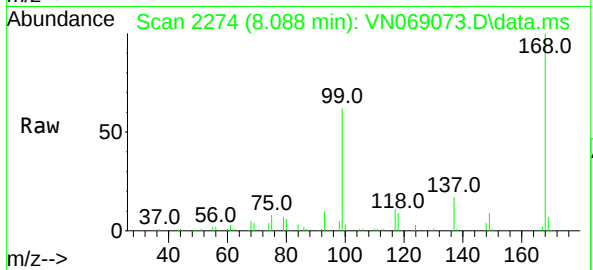
Acq: 20 Oct 2021 19:57

Tgt Ion:168 Resp: 320318

Ion Ratio Lower Upper

168 100

99 62.0 48.9 73.3



#11

Tert butyl alcohol

Concen: 0.240 ug/l

RT: 5.329 min Scan# 1245

Delta R.T. -0.035 min

Lab File: VN069073.D

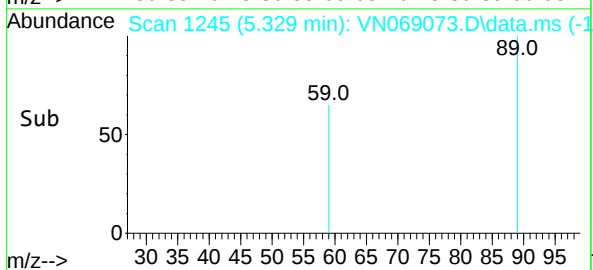
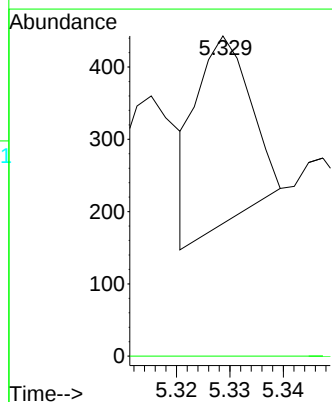
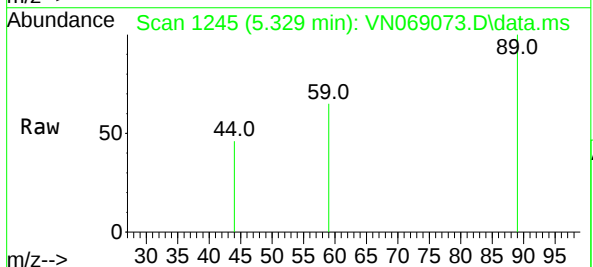
Acq: 20 Oct 2021 19:57

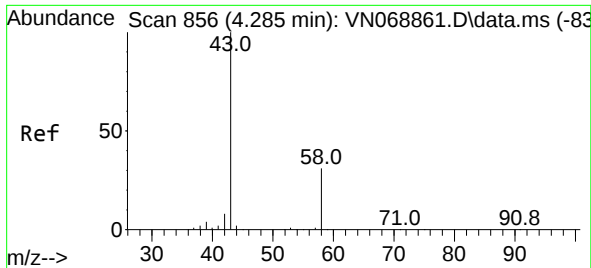
Tgt Ion: 59 Resp: 185

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

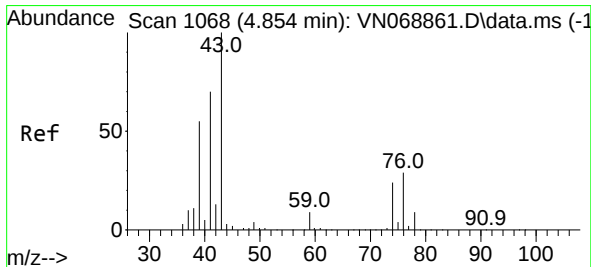
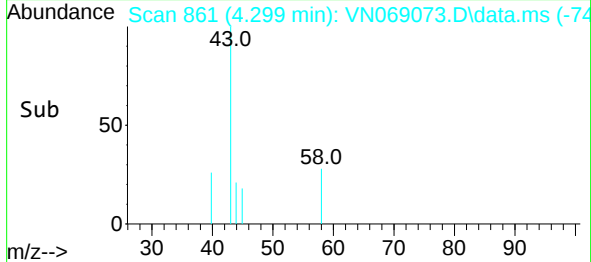
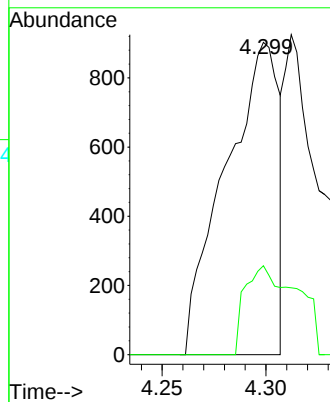
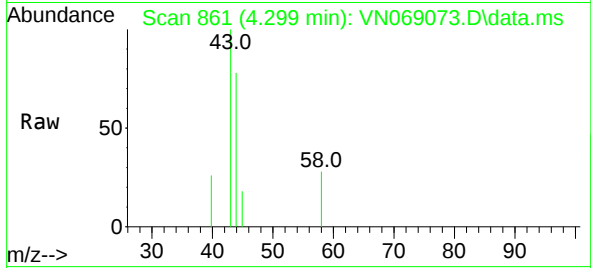




#16
Acetone
Concen: 1.021 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

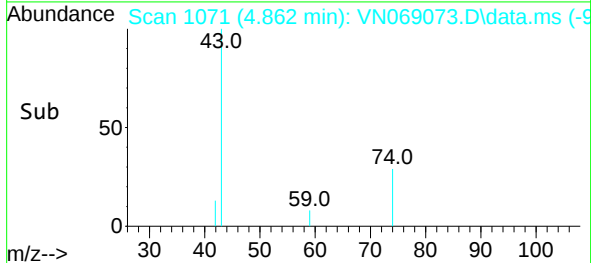
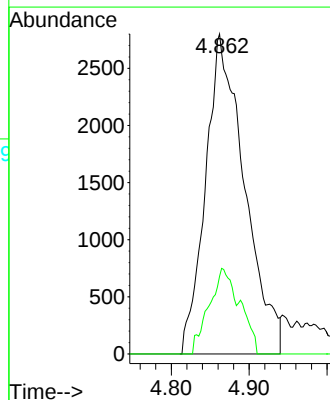
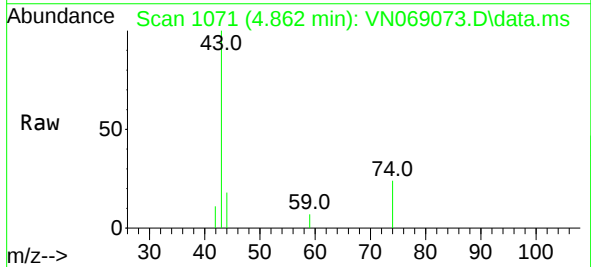
Instrument :
MSVOA_N
ClientSampled :

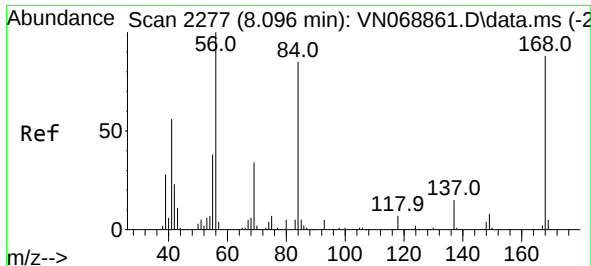
Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
58 28.5 24.5 36.7



#18
Methyl Acetate
Concen: 1.630 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

Tgt Ion: 43 Resp: 9746
Ion Ratio Lower Upper
43 100
74 16.3 18.9 28.3#

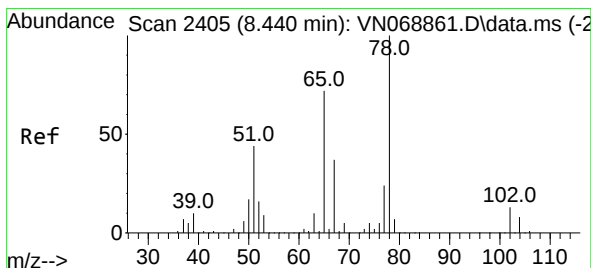
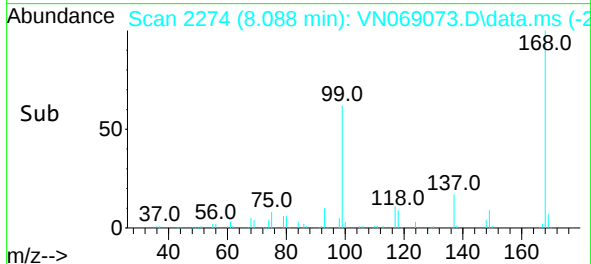
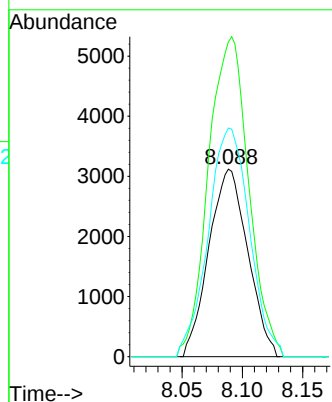
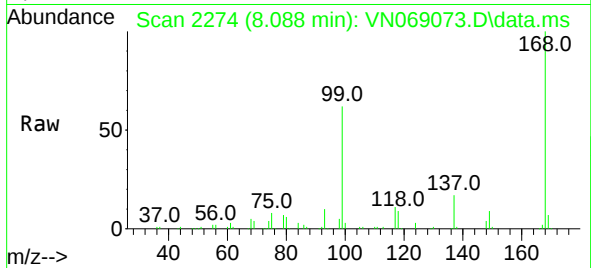




#31
Cyclohexane
Concen: 1.066 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

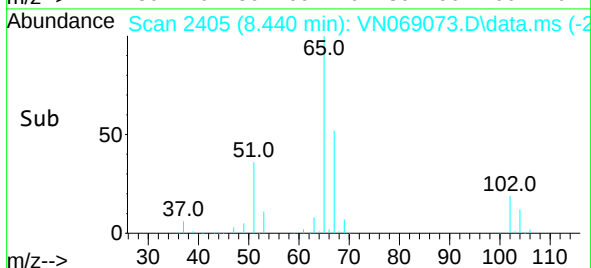
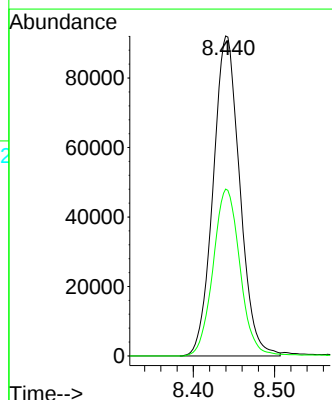
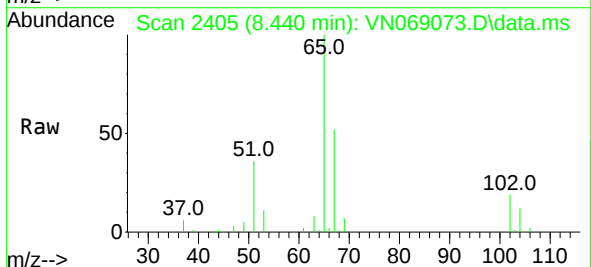
Instrument :
MSVOA_N
ClientSampleId :

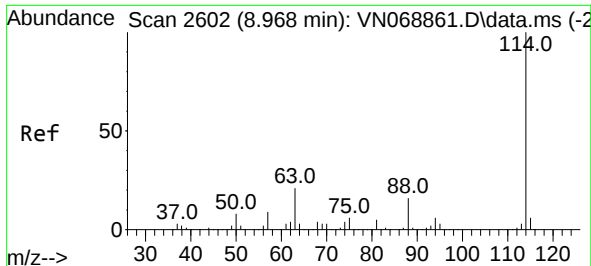
Tgt Ion: 56 Resp: 7002
Ion Ratio Lower Upper
56 100
69 162.9 26.9 40.3#
84 116.4 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.642 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

Tgt Ion: 65 Resp: 209652
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.8

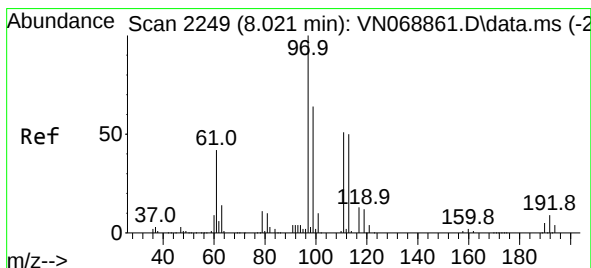
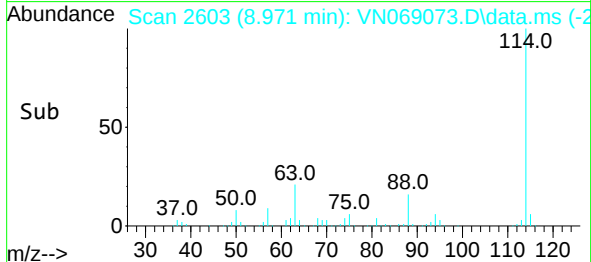
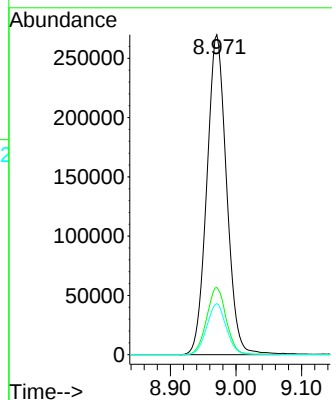
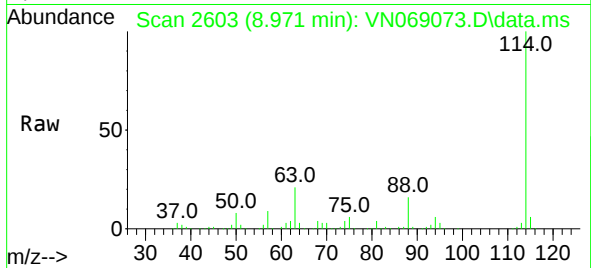




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

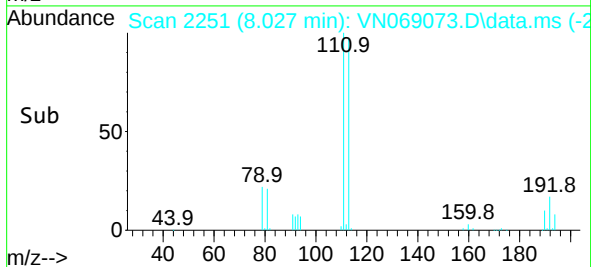
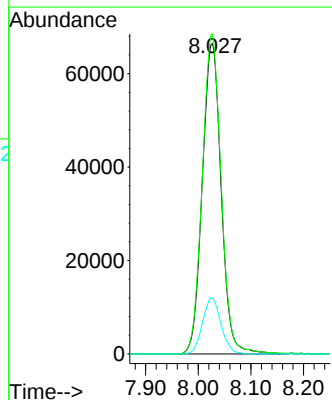
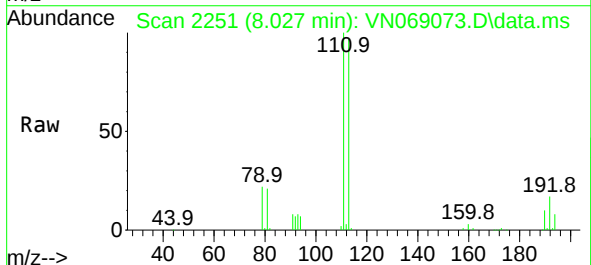
Instrument :
MSVOA_N
ClientSampled :

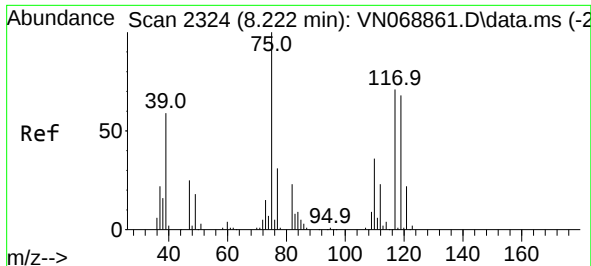
Tgt Ion:114 Resp: 562906
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.660 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

Tgt Ion:113 Resp: 165914
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 17.6 15.0 22.4

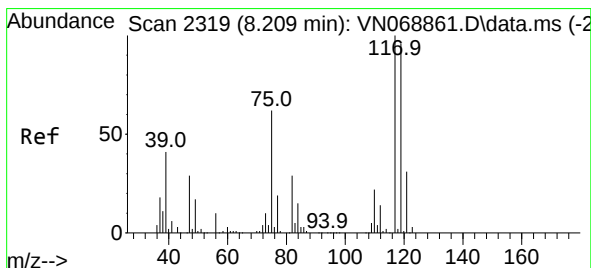
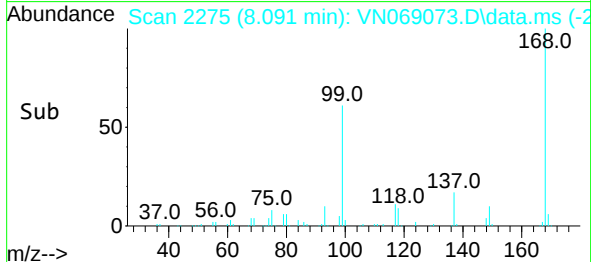
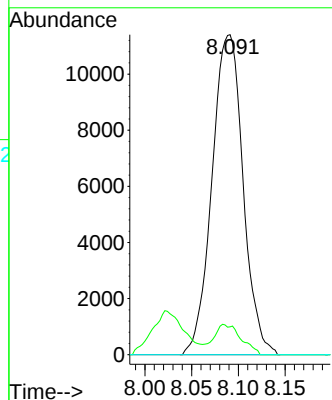
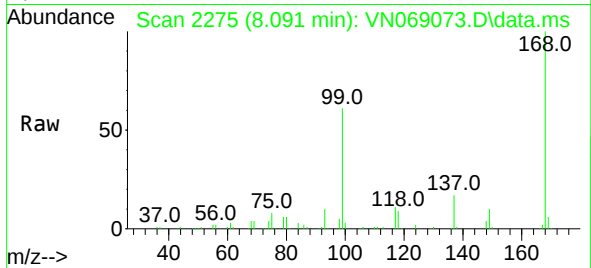




#36
1,1-Dichloropropene
Concen: 5.495 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

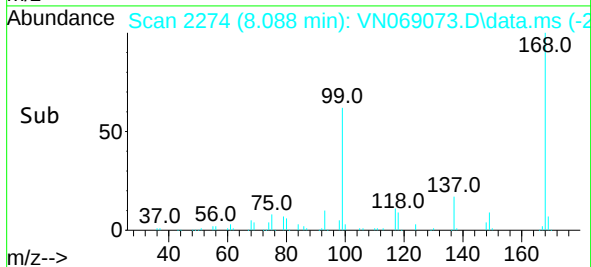
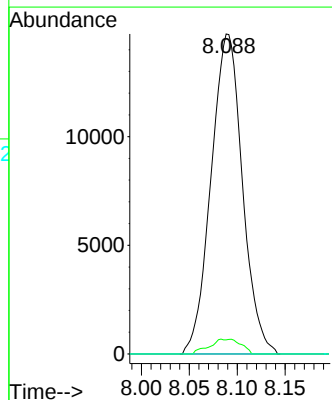
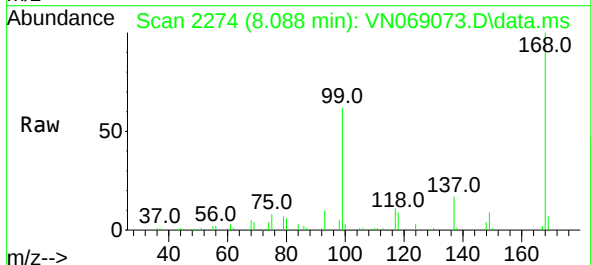
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MSVOA_N
ClientSampleId :

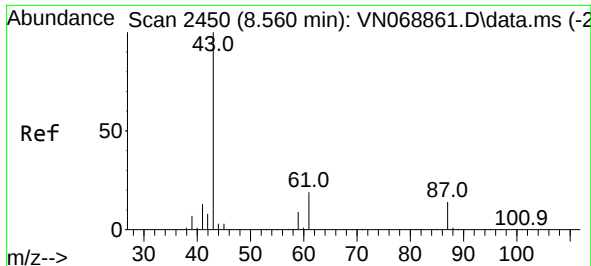
Tgt Ion: 75 Resp: 26420
Ion Ratio Lower Upper
75 100
110 8.2 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.345 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

Tgt Ion: 117 Resp: 33506
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.6 37.0#

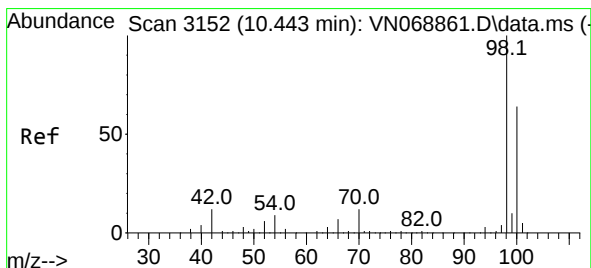
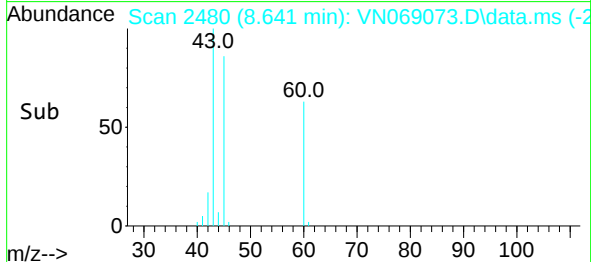
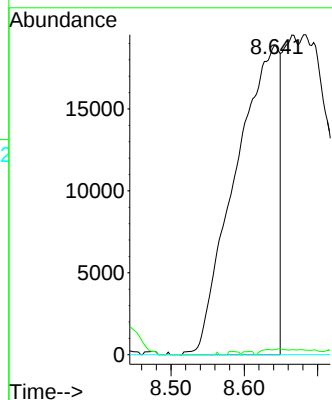
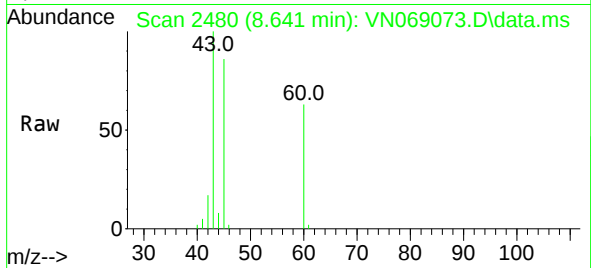




#43
Isopropyl Acetate
Concen: 8.960 ug/l
RT: 8.641 min Scan# 2480
Delta R.T. 0.081 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

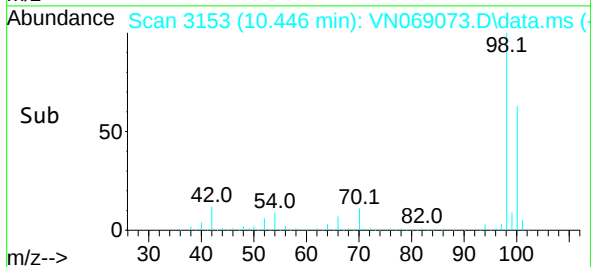
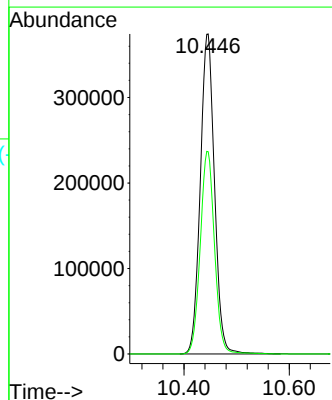
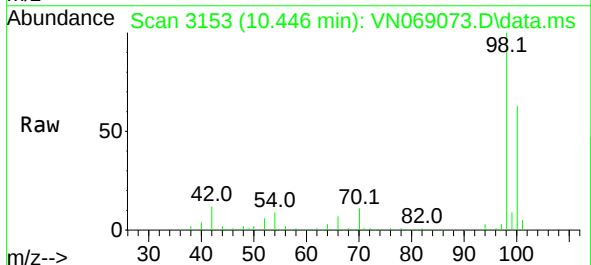
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MSVOA_N
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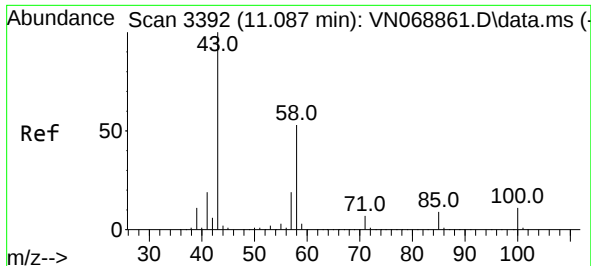
Tgt Ion: 43 Resp: 78501
Ion Ratio Lower Upper
43 100
61 0.4 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 53.464 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

Tgt Ion: 98 Resp: 700593
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3

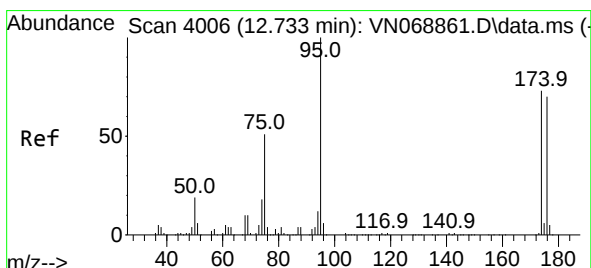
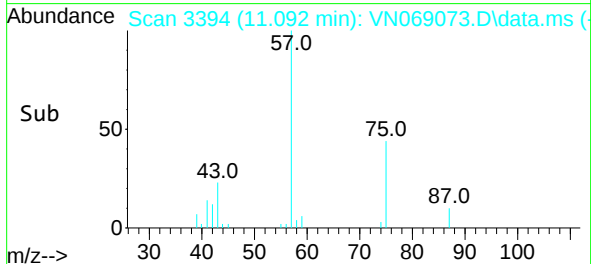
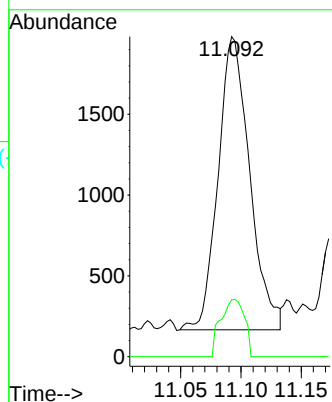
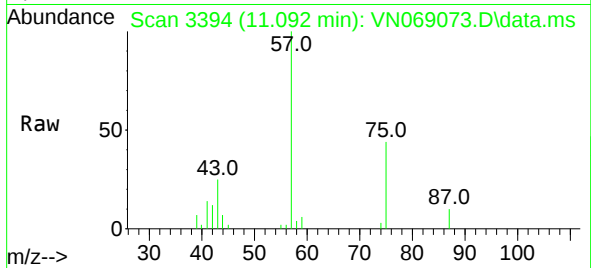




#59
2-Hexanone
Concen: 0.907 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.006 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

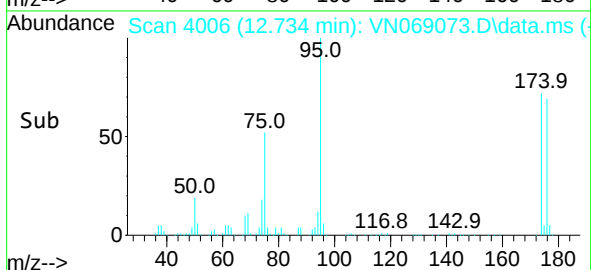
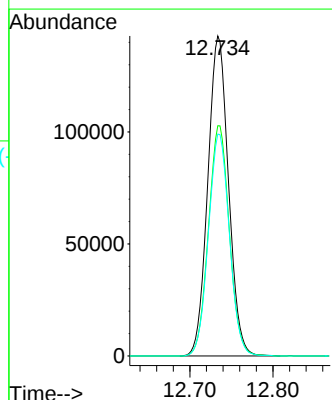
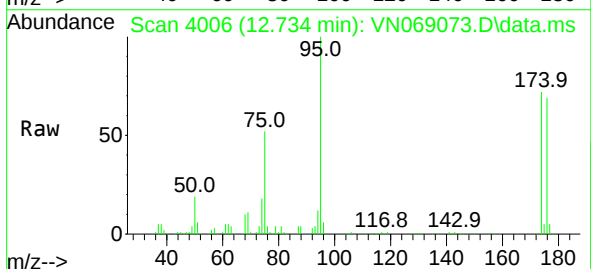
Instrument :
MSVOA_N
ClientSampled :

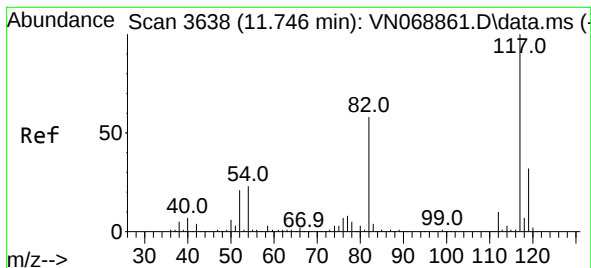
Tgt Ion: 43 Resp: 3304
Ion Ratio Lower Upper
43 100
58 14.7 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 49.912 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

Tgt Ion: 95 Resp: 246764
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.8
176 70.2 0.0 140.0

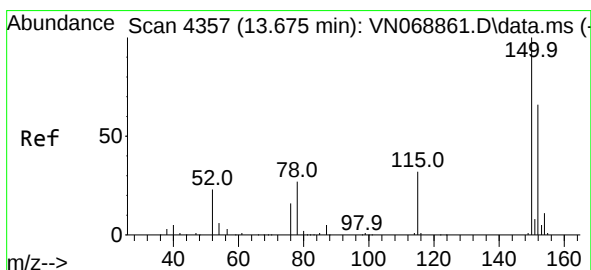
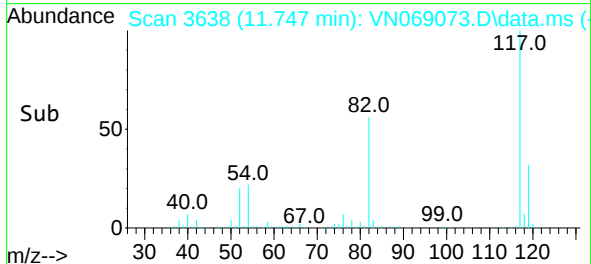
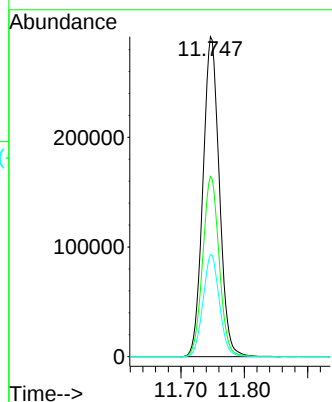
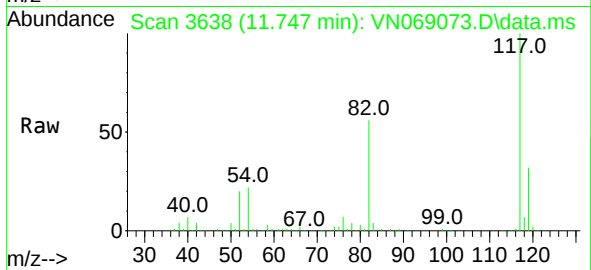




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

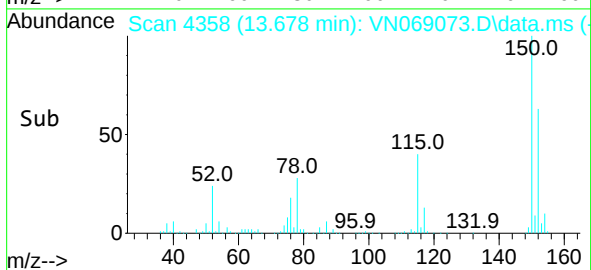
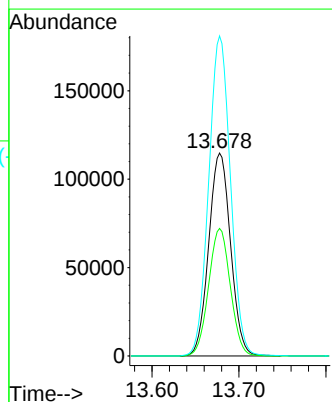
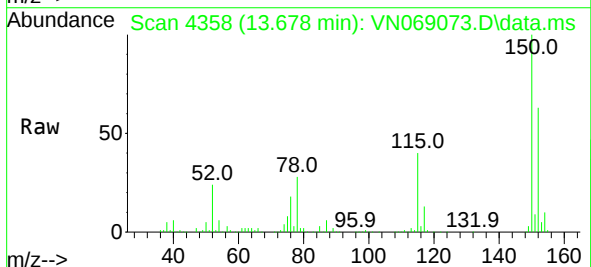
Instrument :
MSVOA_N
ClientSampled :

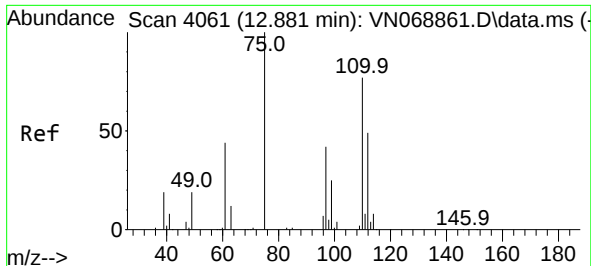
Tgt Ion:117 Resp: 523914
Ion Ratio Lower Upper
117 100
82 56.4 46.4 69.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

Tgt Ion:152 Resp: 200512
Ion Ratio Lower Upper
152 100
115 62.4 31.4 94.3
150 156.7 0.0 351.0

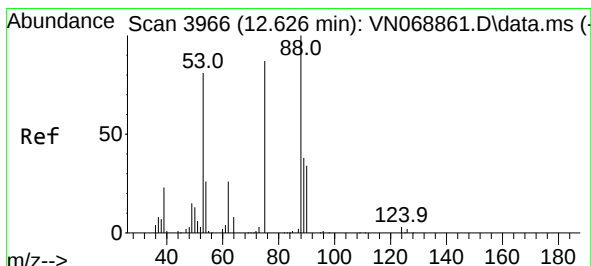
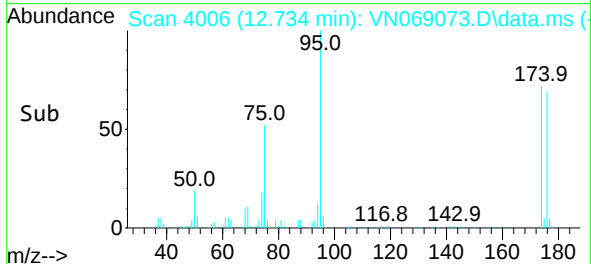
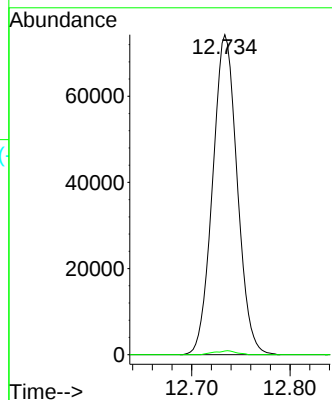
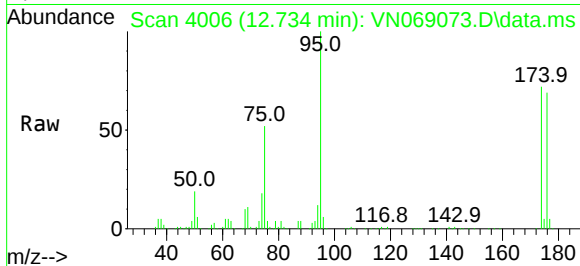




#76
1,2,3-Trichloropropane
Concen: 30.213 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

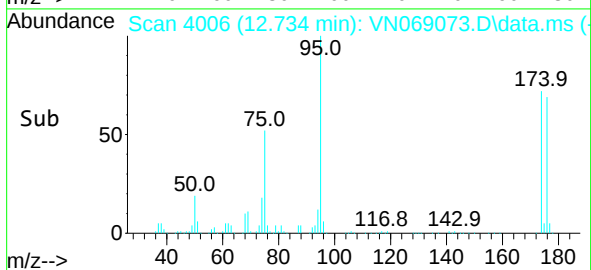
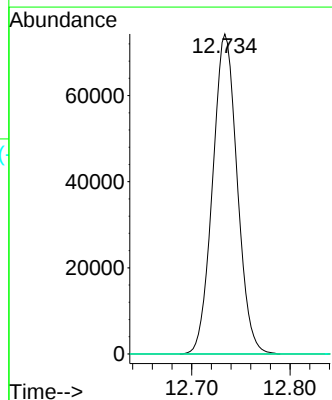
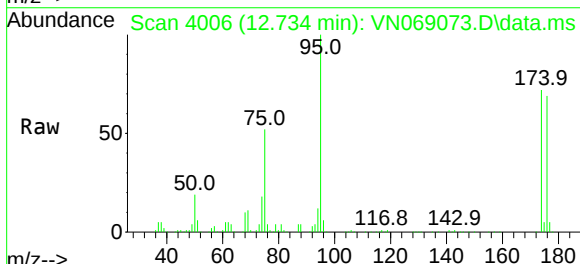
Instrument :
MSVOA_N
ClientSampled :

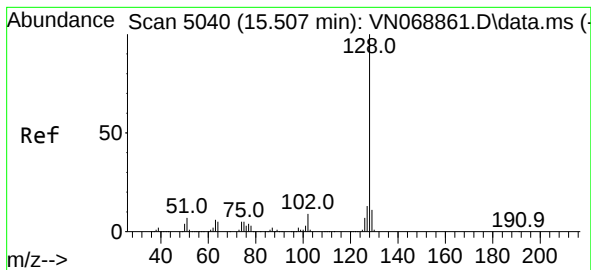
Tgt Ion: 75 Resp: 128897
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.282 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

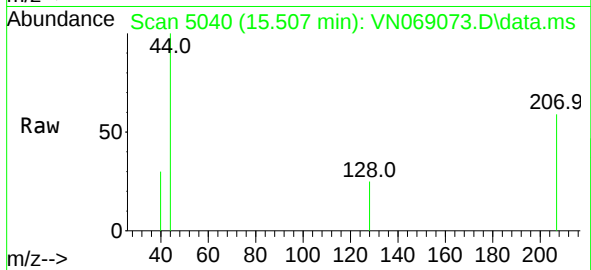
Tgt Ion: 75 Resp: 128897
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.814 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069073.D
Acq: 20 Oct 2021 19:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 24
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

