

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065844.D
 Acq On : 12 Feb 2021 17:33
 Operator : JC/MD
 Sample : M1399-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Manual Integrations
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 2/15/2021 1:32:15 PM

Quant Time: Feb 13 01:02:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:50:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.148	128	32335	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	183431	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	156549	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	65532	29.22	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.40%		
60) 4-Bromofluorobenzene	12.373	95	70572	27.71	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	92.37%		
63) Toluene-d8	10.058	98	227316	30.20	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.67%		
Target Compounds						Qvalue
12) Methyl Acetate	4.283	43	21453m	9.37	ug/l	
15) Acetone	3.779	58	286780	920.93	ug/l	91
20) Diisopropyl ether	5.907	45	108395	14.97	ug/l #	86
25) Chloroform	7.325	83	4158	1.15	ug/l	86
30) 2-Butanone	6.804	43	7621	5.75	ug/l #	80
44) Isopropyl Acetate	8.129	43	577328	122.93	ug/l	95
58) 4-Methyl-2-Pentanone	9.952	43	6581	2.53	ug/l #	90
59) 2-Hexanone	10.727	43	4539	2.44	ug/l #	93

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

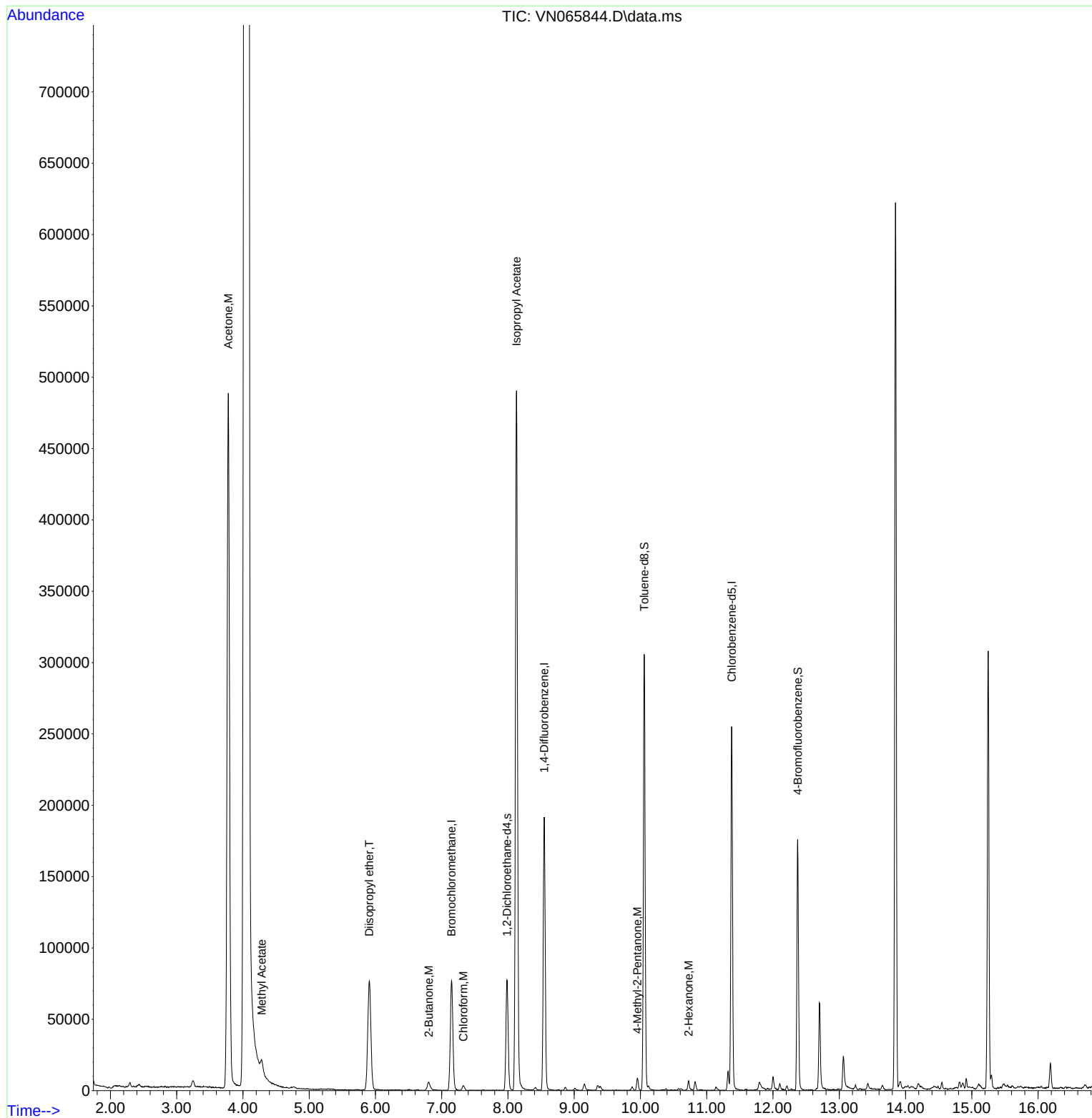
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
Data File : VN065844.D
Acq On : 12 Feb 2021 17:33
Operator : JC/MD
Sample : M1399-01 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

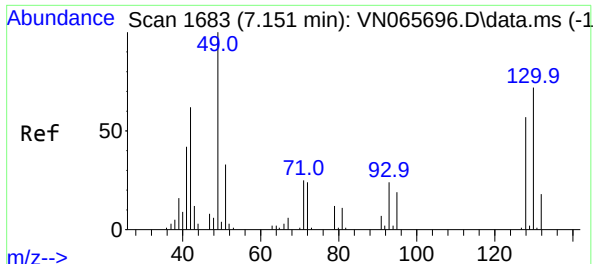
Instrument :
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ClientSampleId :
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Quant Time: Feb 13 01:02:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 03 14:50:04 2021
Response via : Initial Calibration





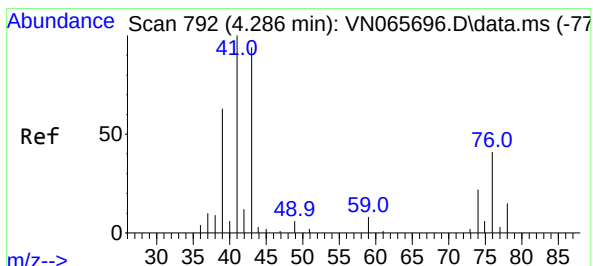
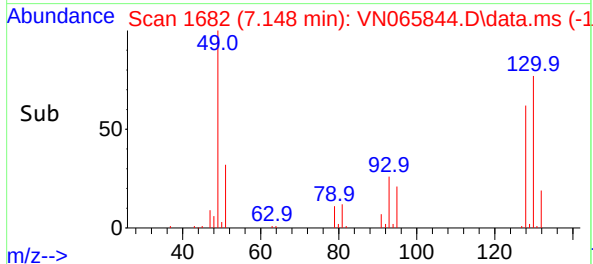
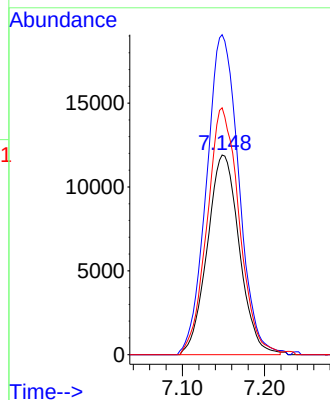
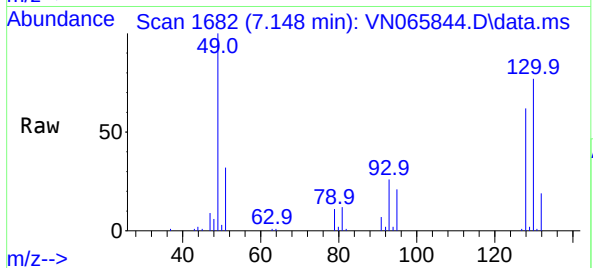
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. -0.003 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion:128 Resp: 32335
Ion Ratio Lower Upper
128 100
49 161.6 0.0 355.0
130 123.9 0.0 325.5

Instrument :
MSVOA_N
ClientSampleId :
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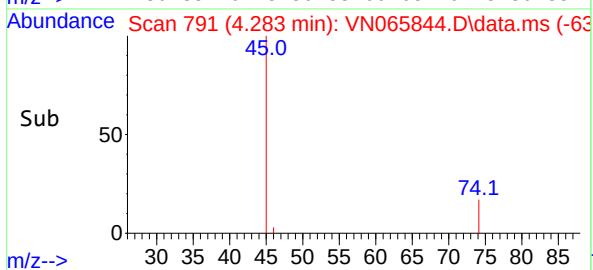
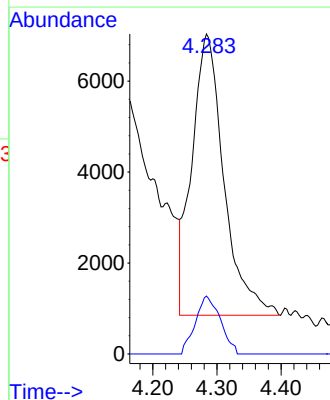
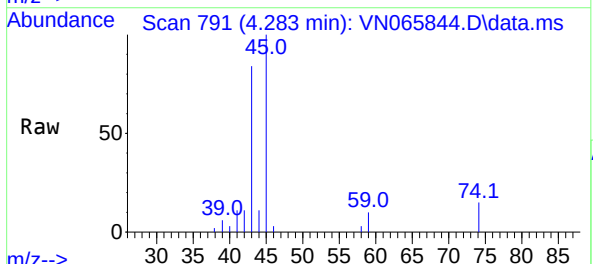
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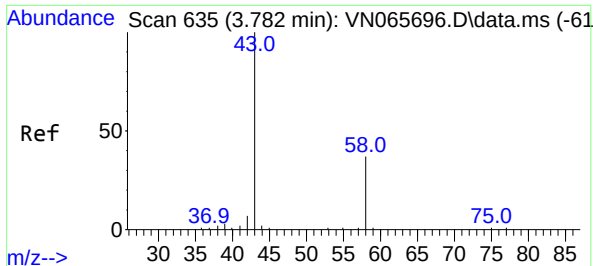
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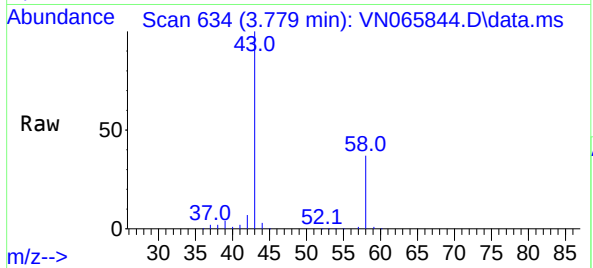
#12
Methyl Acetate
Concen: 9.37 ug/l m
RT: 4.283 min Scan# 791
Delta R.T. -0.003 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion: 43 Resp: 21453
Ion Ratio Lower Upper
43 100
74 18.1 19.9 29.9#

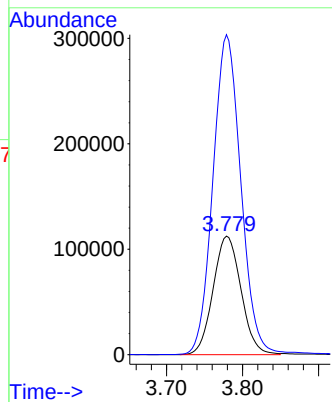
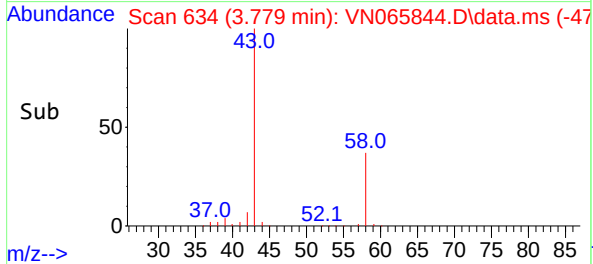




#15
Acetone
Concen: 920.93 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33



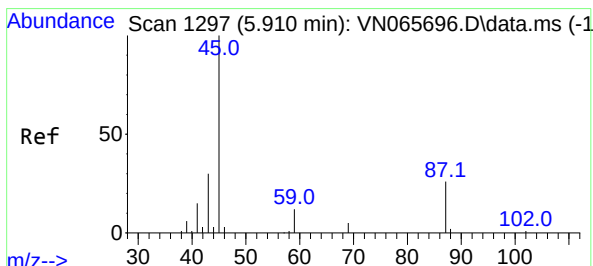
Tgt Ion: 58 Resp: 286780
Ion Ratio Lower Upper
58 100
43 269.4 203.4 305.0



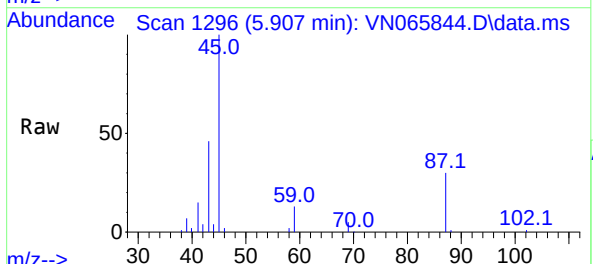
Instrument :
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ClientSampleId :
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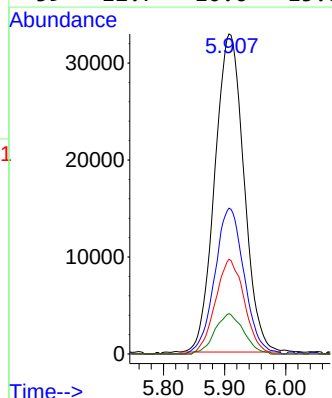
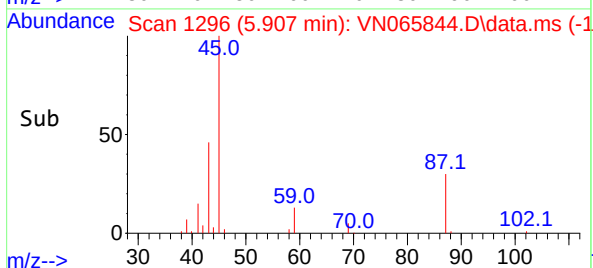
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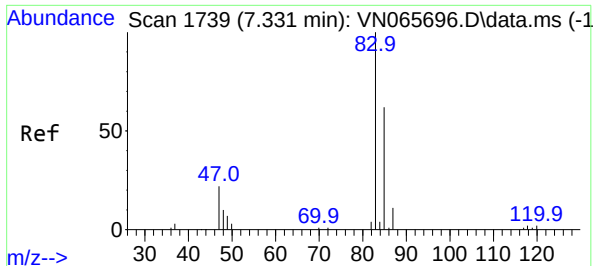


#20
Diisopropyl ether
Concen: 14.97 ug/l
RT: 5.907 min Scan# 1296
Delta R.T. -0.003 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33



Tgt Ion: 45 Resp: 108395
Ion Ratio Lower Upper
45 100
43 45.8 50.4 75.6#
87 29.8 24.5 36.7
59 12.7 10.6 15.8





#25

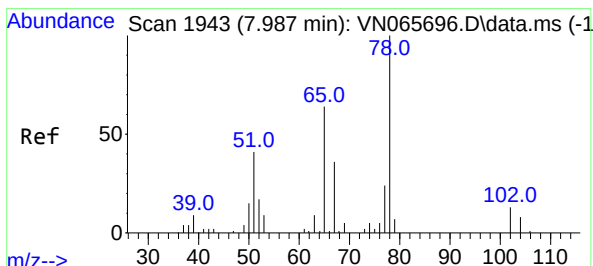
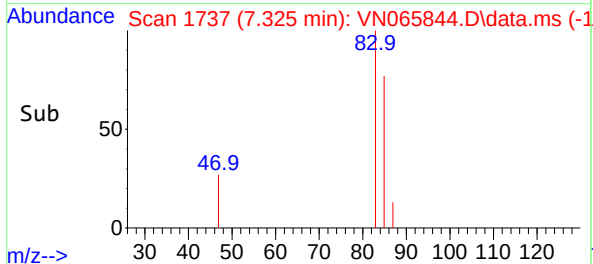
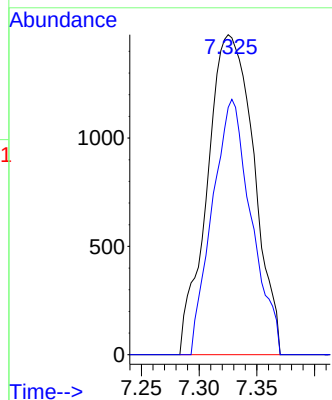
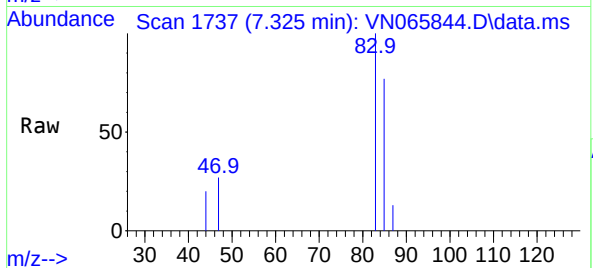
Chloroform
Concen: 1.15 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. -0.006 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion: 83 Resp: 4158
Ion Ratio Lower Upper
83 100
85 77.3 53.0 79.4

Instrument :
MSVOA_N
ClientSampleId :
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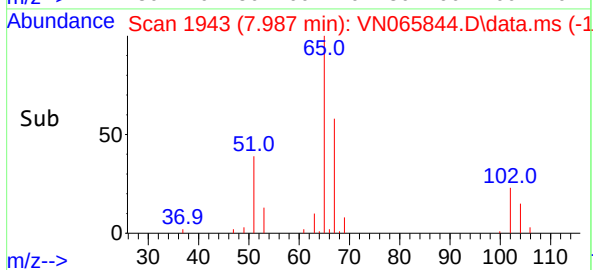
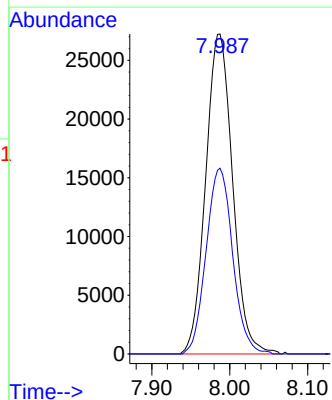
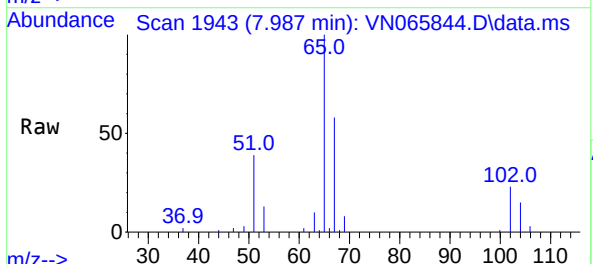
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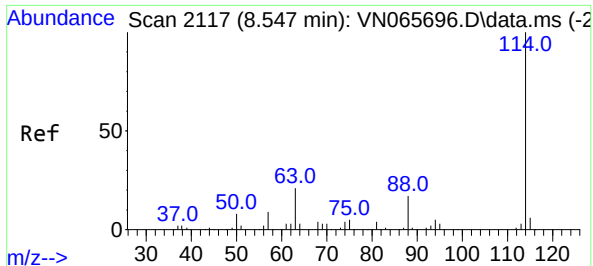


#27

1,2-Dichloroethane-d4
Concen: 29.22 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion: 65 Resp: 65532
Ion Ratio Lower Upper
65 100
67 57.1 42.8 64.2





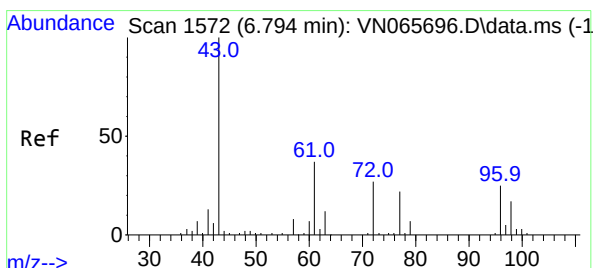
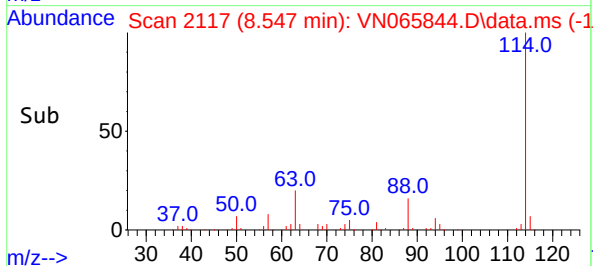
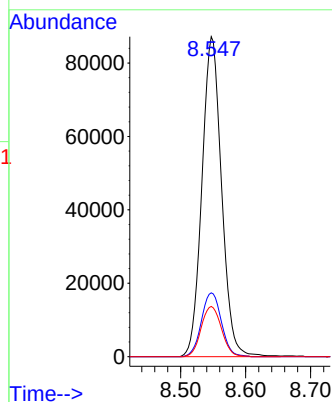
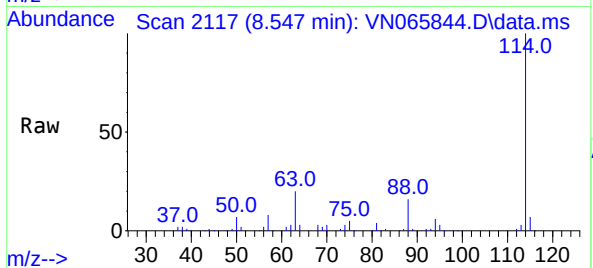
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion: 114 Resp: 183431
Ion Ratio Lower Upper
114 100
63 20.4 14.7 22.1
88 16.2 11.7 17.5

Instrument :
MSVOA_N
ClientSampled :
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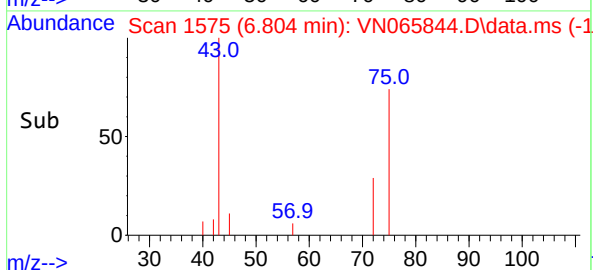
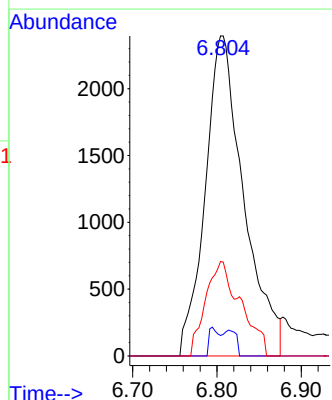
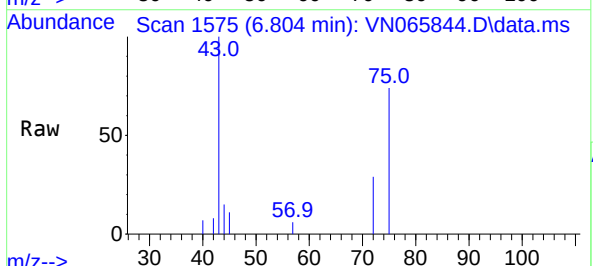
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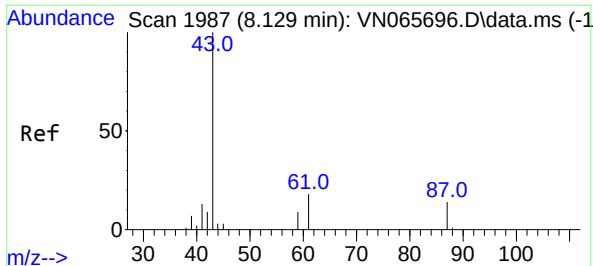
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#30
2-Butanone
Concen: 5.75 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.010 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion: 43 Resp: 7621
Ion Ratio Lower Upper
43 100
57 0.7 7.0 10.4#
72 19.1 23.6 35.4#





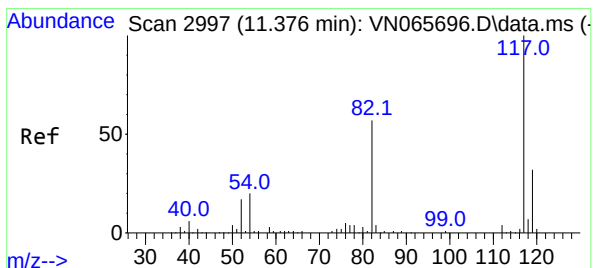
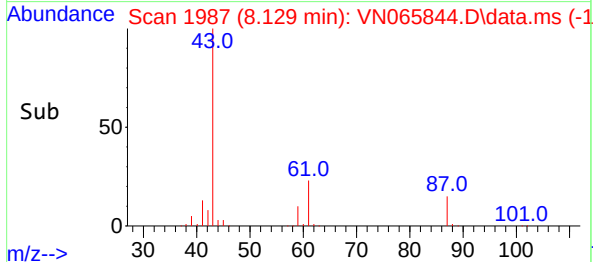
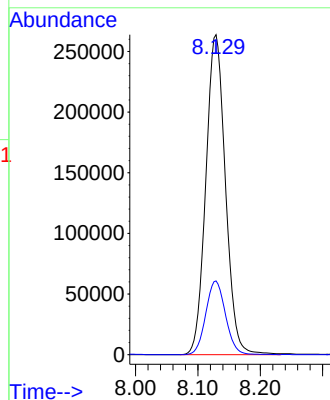
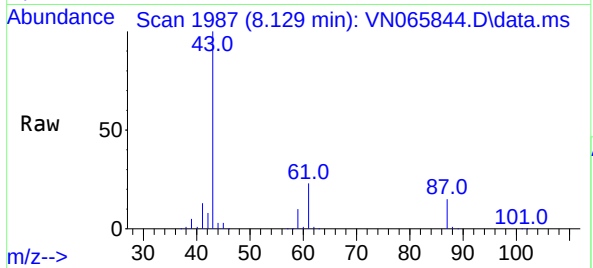
#44
Isopropyl Acetate
Concen: 122.93 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion: 43 Resp: 577328
Ion Ratio Lower Upper
43 100
61 23.2 16.8 25.2

Instrument :
MSVOA_N
ClientSampleId :
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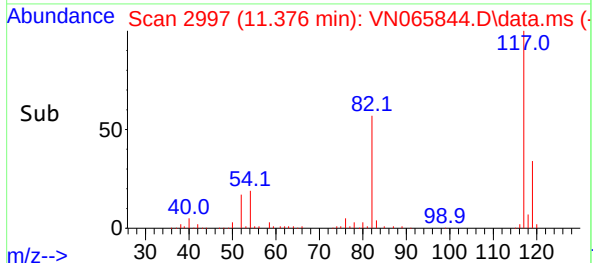
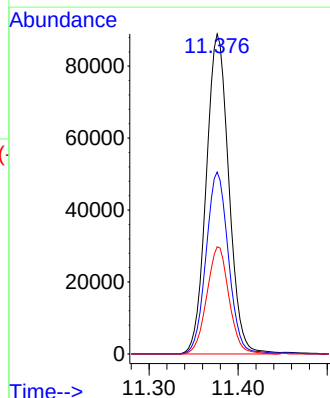
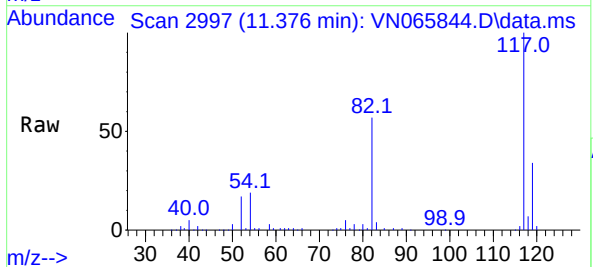
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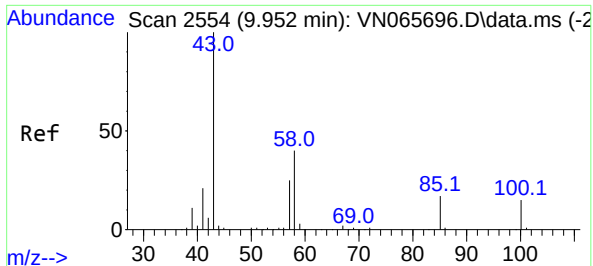
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#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion: 117 Resp: 156549
Ion Ratio Lower Upper
117 100
82 56.4 41.3 61.9
119 32.9 25.7 38.5





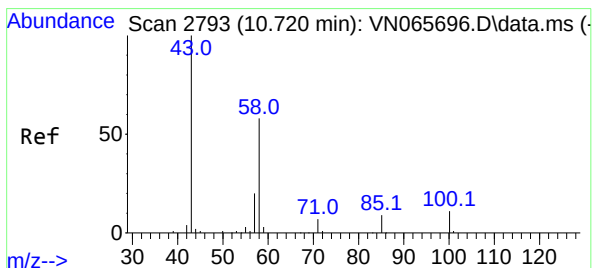
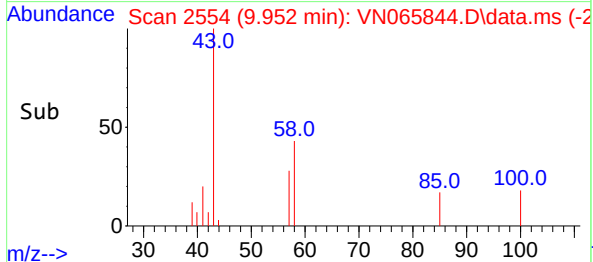
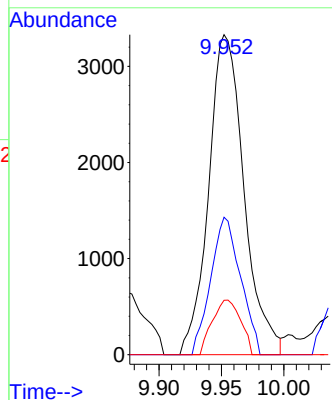
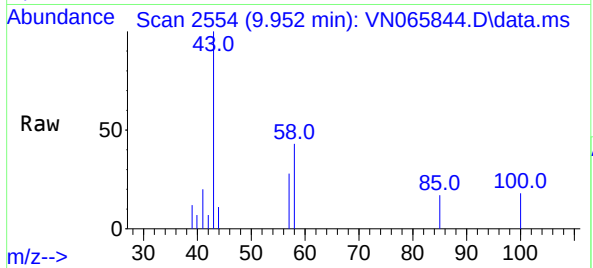
#58
4-Methyl-2-Pentanone
Concen: 2.53 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion: 43 Resp: 6581
Ion Ratio Lower Upper
43 100
58 36.2 32.7 49.1
85 13.7 16.0 24.0#

Instrument :
MSVOA_N
ClientSampled :
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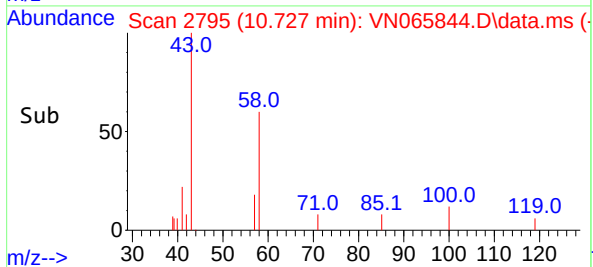
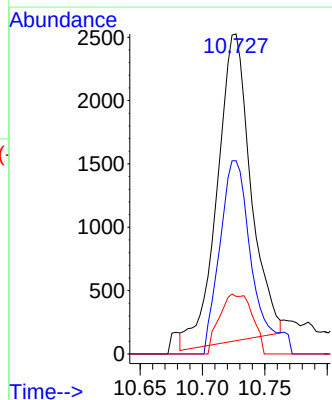
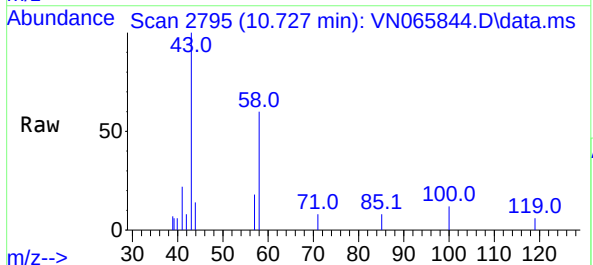
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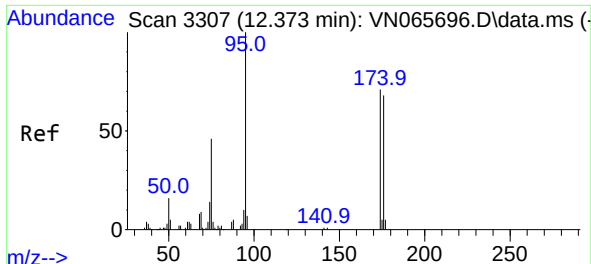
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#59
2-Hexanone
Concen: 2.44 ug/l
RT: 10.727 min Scan# 2795
Delta R.T. 0.007 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion: 43 Resp: 4539
Ion Ratio Lower Upper
43 100
58 58.2 45.4 68.0
57 10.4 15.8 23.8#





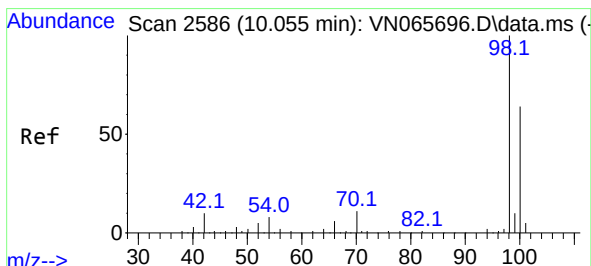
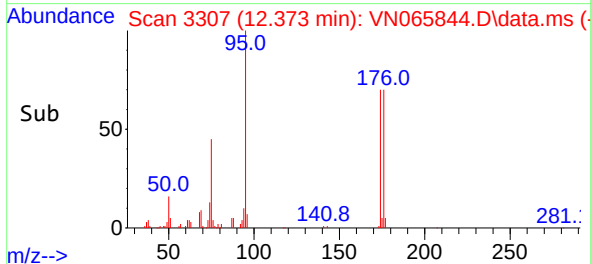
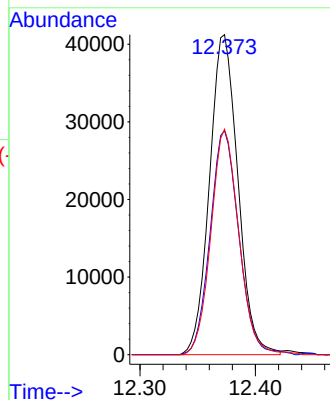
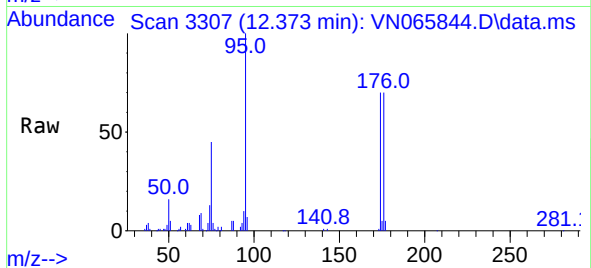
#60
4-Bromofluorobenzene
Concen: 27.71 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion: 95 Resp: 70572
Ion Ratio Lower Upper
95 100
174 70.6 77.0 115.6#
176 69.0 75.8 113.6#

Instrument :
MSVOA_N
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#63
Toluene-d8
Concen: 30.20 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.004 min
Lab File: VN065844.D
Acq: 12 Feb 2021 17:33

Tgt Ion: 98 Resp: 227316
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

