

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068695.D
 Acq On : 26 Sep 2021 4:54
 Operator : JC/MD
 Sample : M3760-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Manual Integrations
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 9/27/2021 11:01:41 AM

Quant Time: Sep 27 07:24:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 07:10:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	68437	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	380247	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	330698	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	181214	32.208	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.367%			
60) 4-Bromofluorobenzene	12.733	95	161133	31.897	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 106.333%			
63) Toluene-d8	10.443	98	503520	34.404	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 114.667%#			
Target Compounds						
15) Acetone	4.285	58	1483082	2666.249	ug/l	Qvalue 93
23) tert-Butyl Alcohol	5.371	59	36161m	47.954	ug/l	
25) Chloroform	7.815	83	23064	2.748	ug/l	96
30) 2-Butanone	7.351	43	11219m	3.470	ug/l	
43) Ethyl Acetate	7.423	43	4163	0.584	ug/l #	74
44) Isopropyl Acetate	8.563	43	13998	1.127	ug/l #	80

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

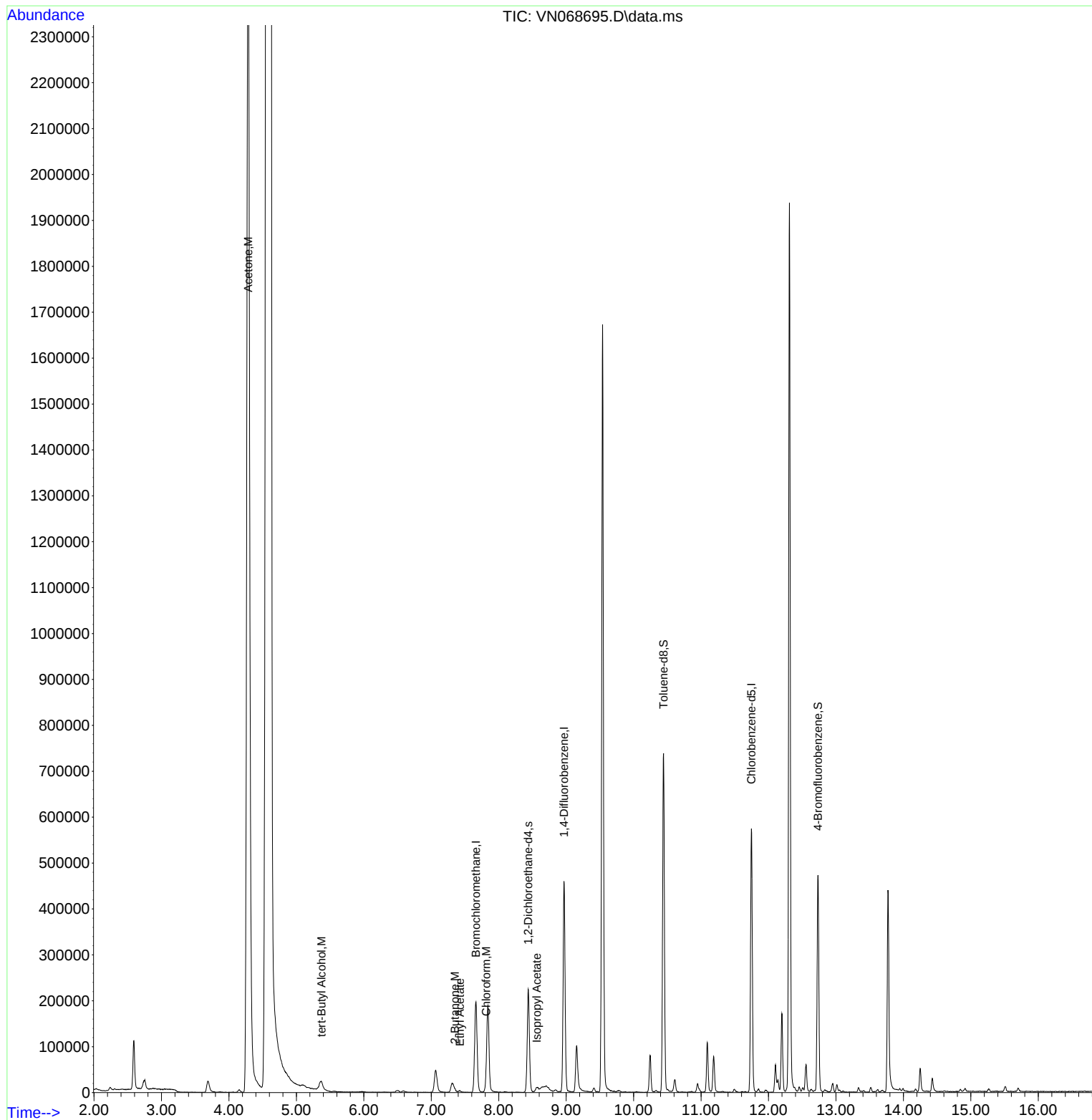
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
Data File : VN068695.D
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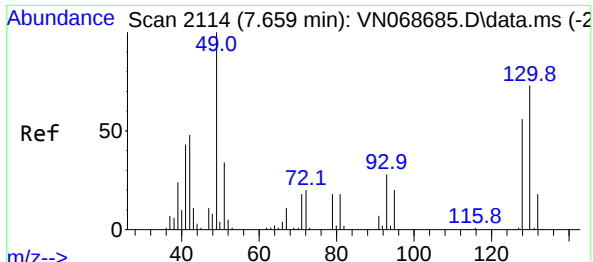
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
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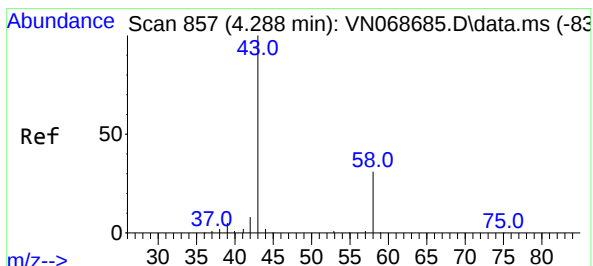
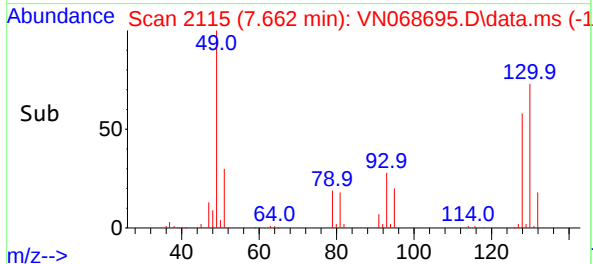
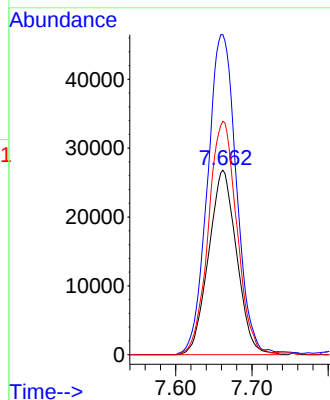
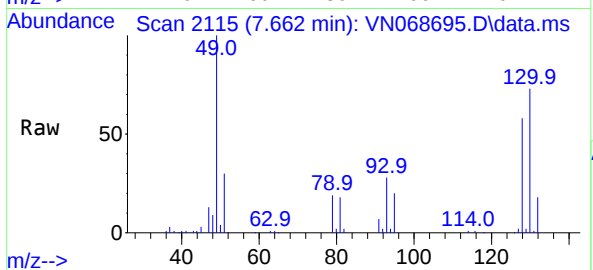
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54

Tgt Ion: 128 Resp: 68437
Ion Ratio Lower Upper
128 100
49 177.4 0.0 450.0
130 128.5 0.0 319.5

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

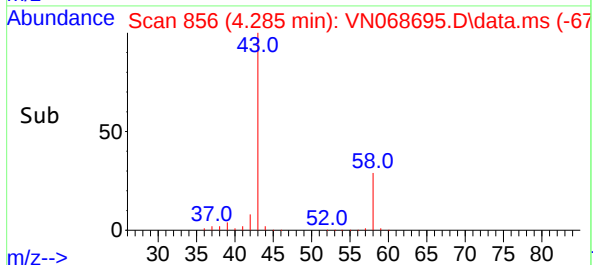
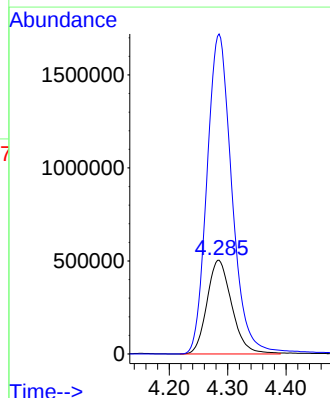
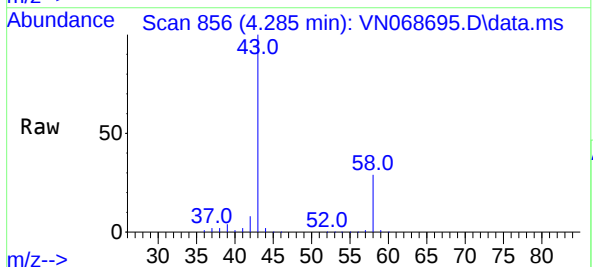
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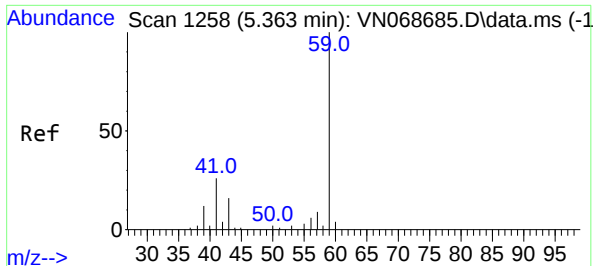
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#15
Acetone
Concen: 2666.249 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54

Tgt Ion: 58 Resp: 1483082
Ion Ratio Lower Upper
58 100
43 341.1 261.0 391.4





#23

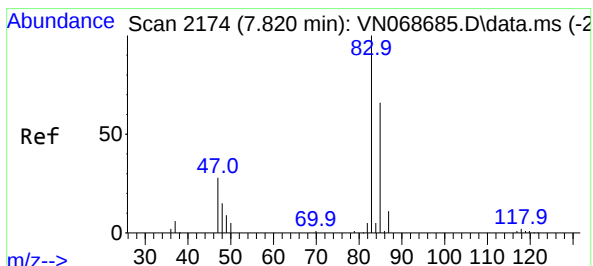
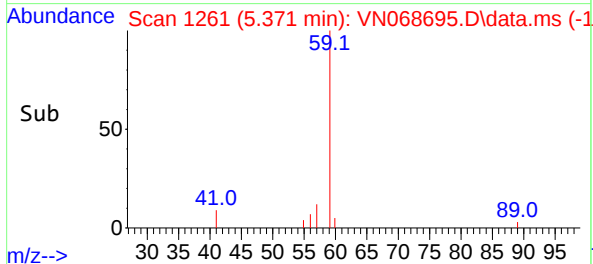
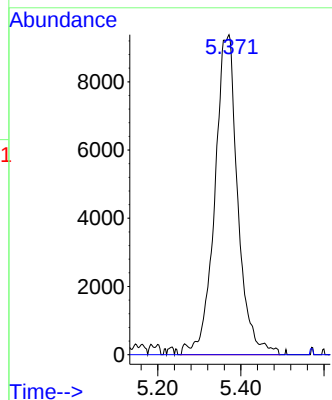
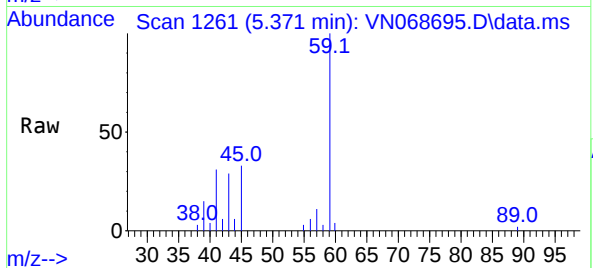
tert-Butyl Alcohol
Concen: 47.954 ug/l m
RT: 5.371 min Scan# 1261
Delta R.T. 0.008 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54

Tgt Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampled :
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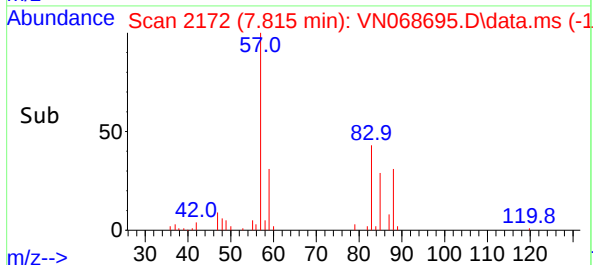
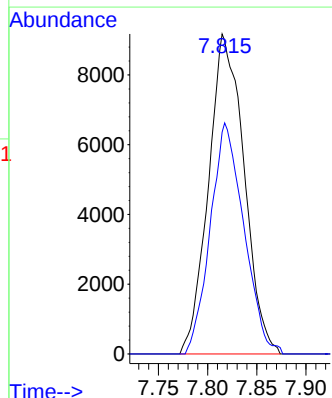
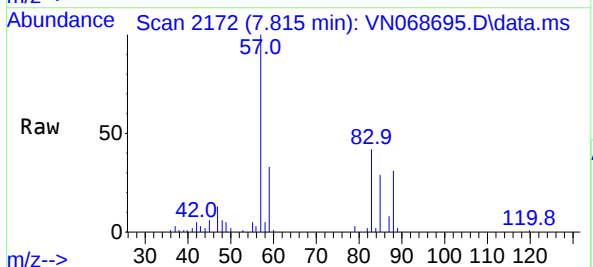
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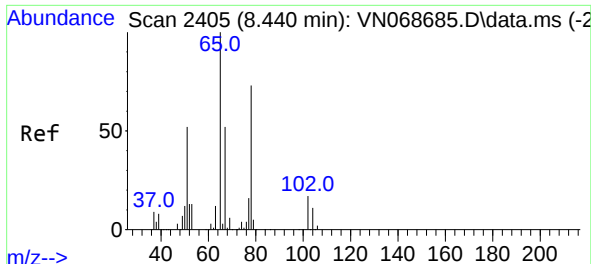


#25

Chloroform
Concen: 2.748 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.005 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.3	52.9	79.3





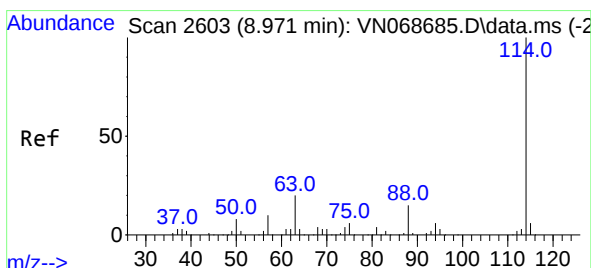
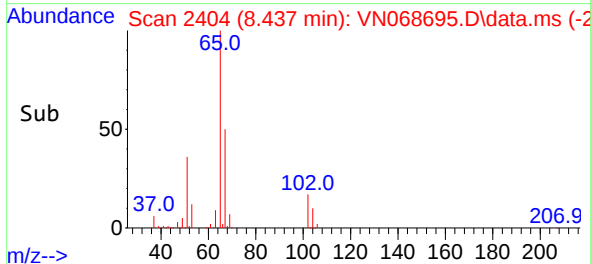
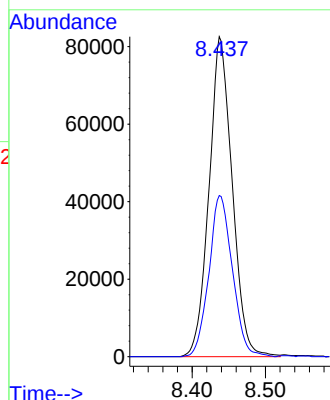
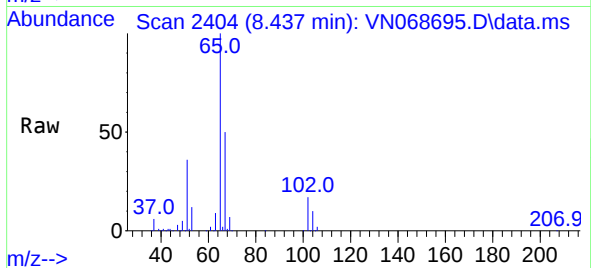
#27
1,2-Dichloroethane-d4
Concen: 32.208 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54

Tgt Ion: 65 Resp: 181214
Ion Ratio Lower Upper
65 100
67 51.1 41.0 61.6

Instrument :
MSVOA_N
ClientSampleId :
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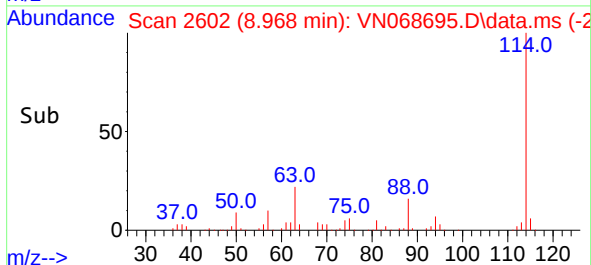
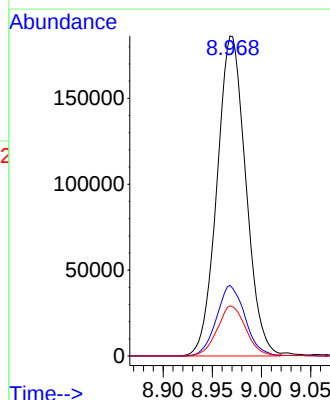
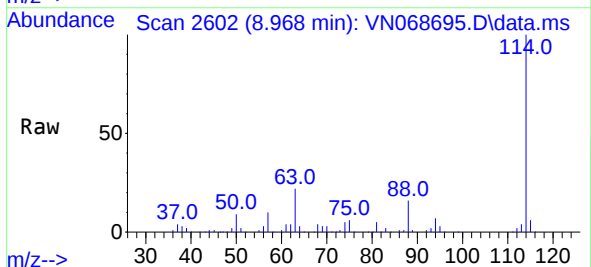
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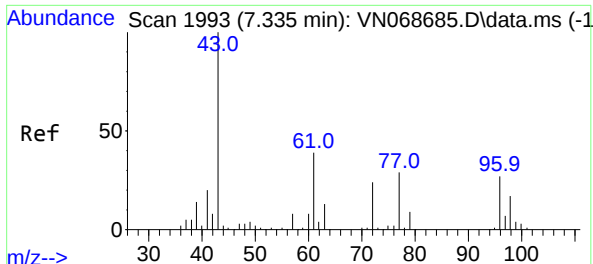
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54

Tgt Ion: 114 Resp: 380247
Ion Ratio Lower Upper
114 100
63 21.8 17.1 25.7
88 15.5 12.2 18.4





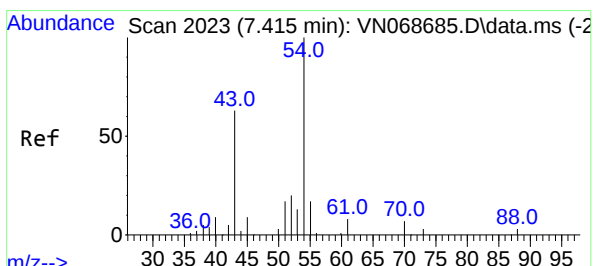
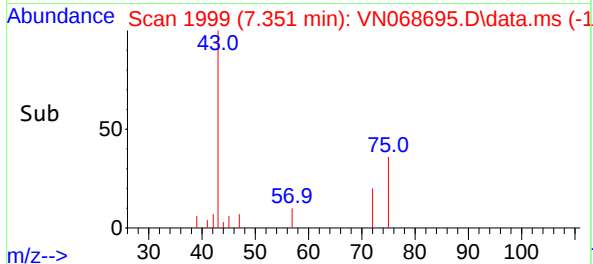
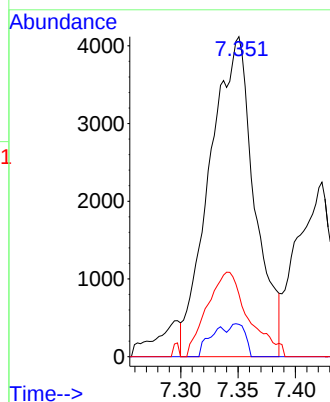
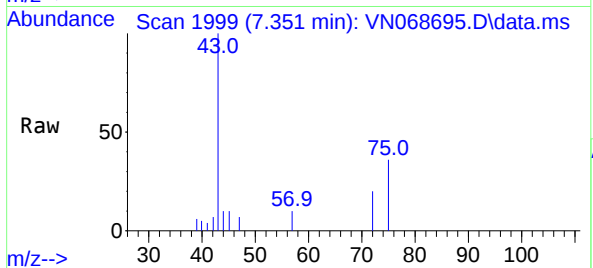
#30
2-Butanone
Concen: 3.470 ug/l m
RT: 7.351 min Scan# 1999
Delta R.T. 0.016 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54

Tgt Ion: 43 Resp: 11219
Ion Ratio Lower Upper
43 100
57 3.7 6.4 9.6#
72 24.0 19.6 29.4

Instrument :
MSVOA_N
ClientSampled :
EFF-WW

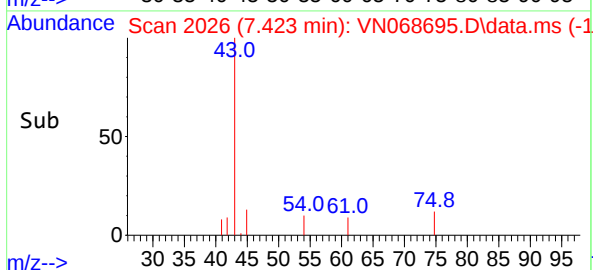
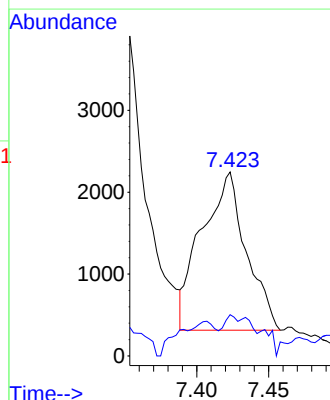
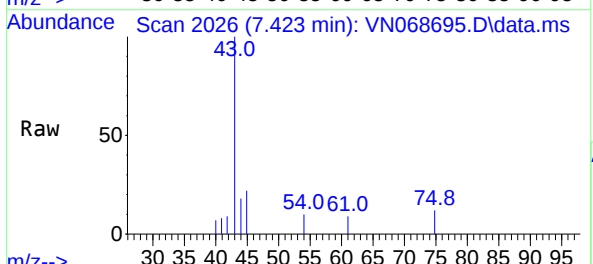
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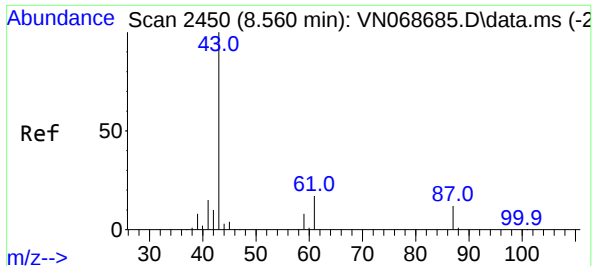
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#43
Ethyl Acetate
Concen: 0.584 ug/l
RT: 7.423 min Scan# 2026
Delta R.T. 0.008 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54

Tgt Ion: 43 Resp: 4163
Ion Ratio Lower Upper
43 100
45 2.5 10.1 15.1#





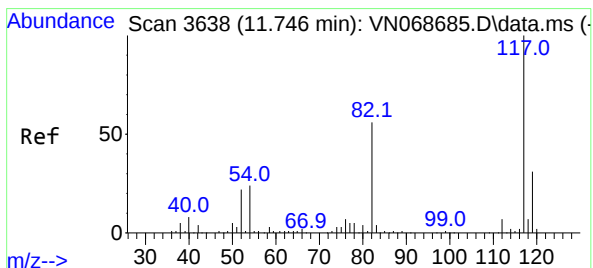
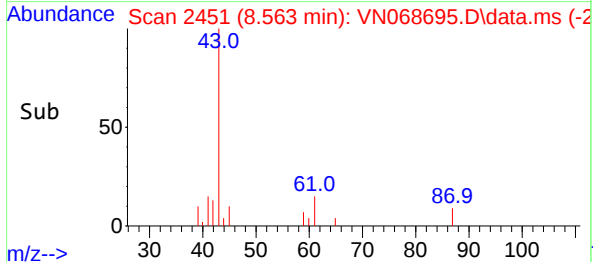
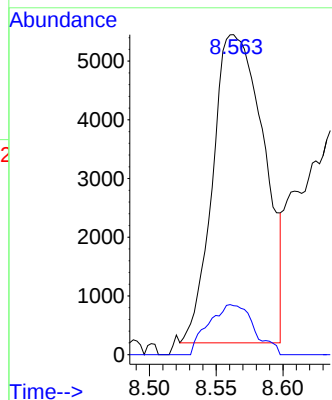
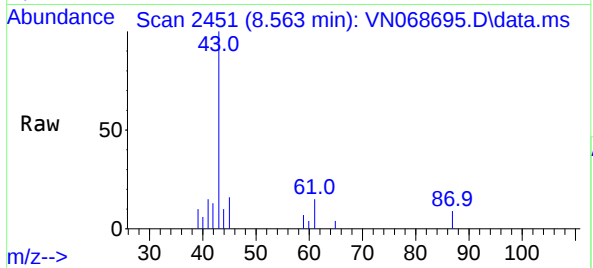
#44
Isopropyl Acetate
Concen: 1.127 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54

Tgt Ion: 43 Resp: 13998
Ion Ratio Lower Upper
43 100
61 13.5 18.5 27.7#

Instrument :
MSVOA_N
ClientSampled :
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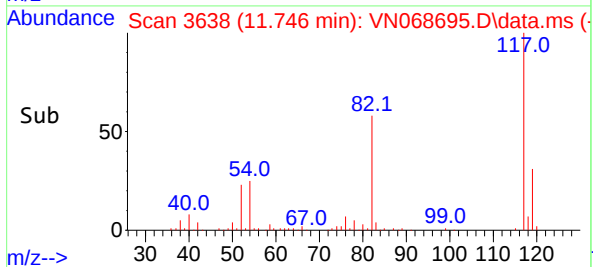
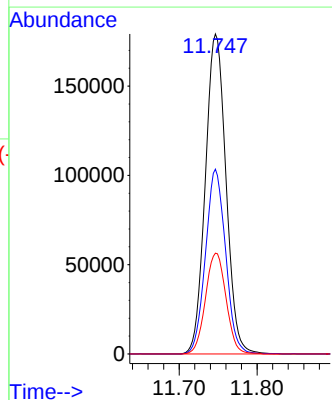
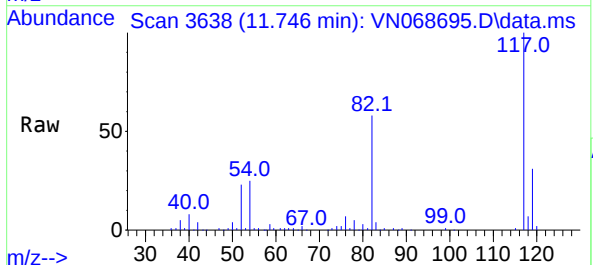
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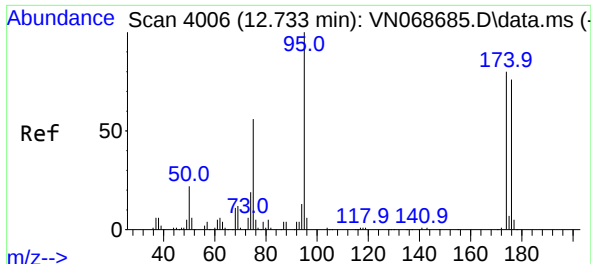
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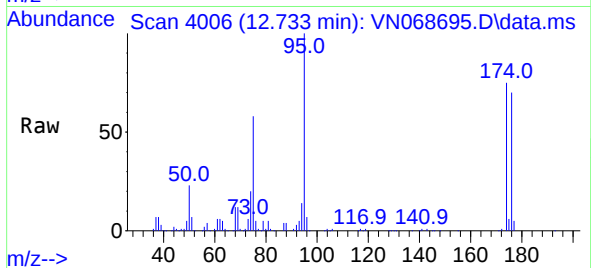
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54

Tgt Ion: 117 Resp: 330698
Ion Ratio Lower Upper
117 100
82 56.2 44.6 66.8
119 31.4 25.7 38.5

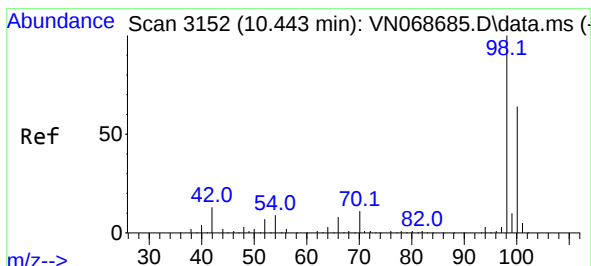
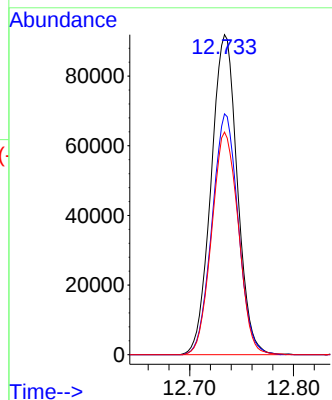
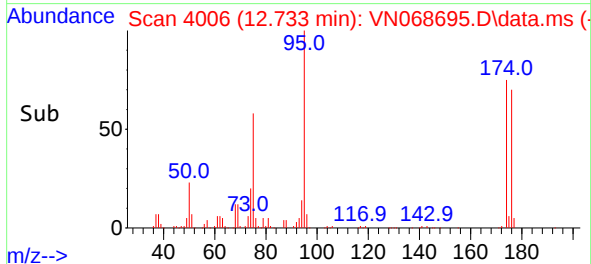




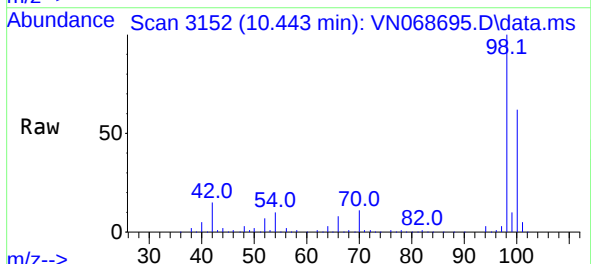
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4-Bromofluorobenzene
Concen: 31.897 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54



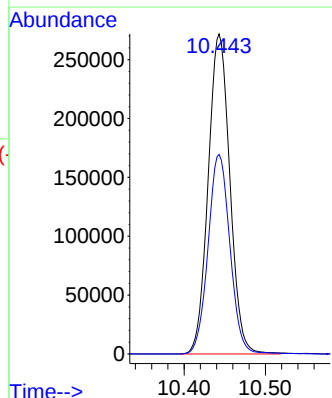
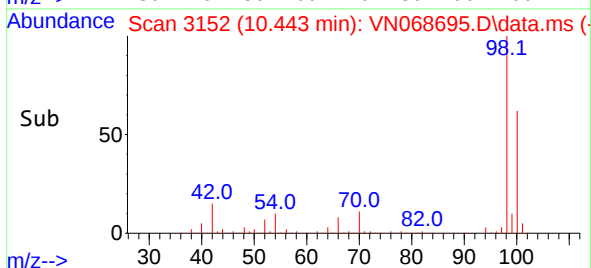
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Ion Ratio Lower Upper
95 100
174 75.2 63.0 94.6
176 70.8 60.6 90.8



#63
Toluene-d8
Concen: 34.404 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068695.D
Acq: 26 Sep 2021 4:54



Tgt Ion: 98 Resp: 503520
Ion Ratio Lower Upper
98 100
100 62.6 51.4 77.2



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