

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064522.D
 Acq On : 10 Nov 2020 13:47
 Operator : JC/MD
 Sample : L4628-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(NOV)

Manual Integrations
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 11/11/2020 1:01:25 PM

Quant Time: Nov 11 02:37:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	58725m	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	292376	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	270656	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	161343	31.04	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	103.47%		
60) 4-Bromofluorobenzene	12.38	95	108330	23.37	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	77.90%		
63) Toluene-d8	10.06	98	366302	29.02	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.73%		
Target Compounds						
3) Chloromethane	2.04	50	3527	0.786	ug/l	99
15) Acetone	3.78	58	428744	755.730	ug/l	100
30) 2-Butanone	6.80	43	11042	4.396	ug/l #	94
58) 4-Methyl-2-Pentanone	9.96	43	9224	1.856	ug/l #	79

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

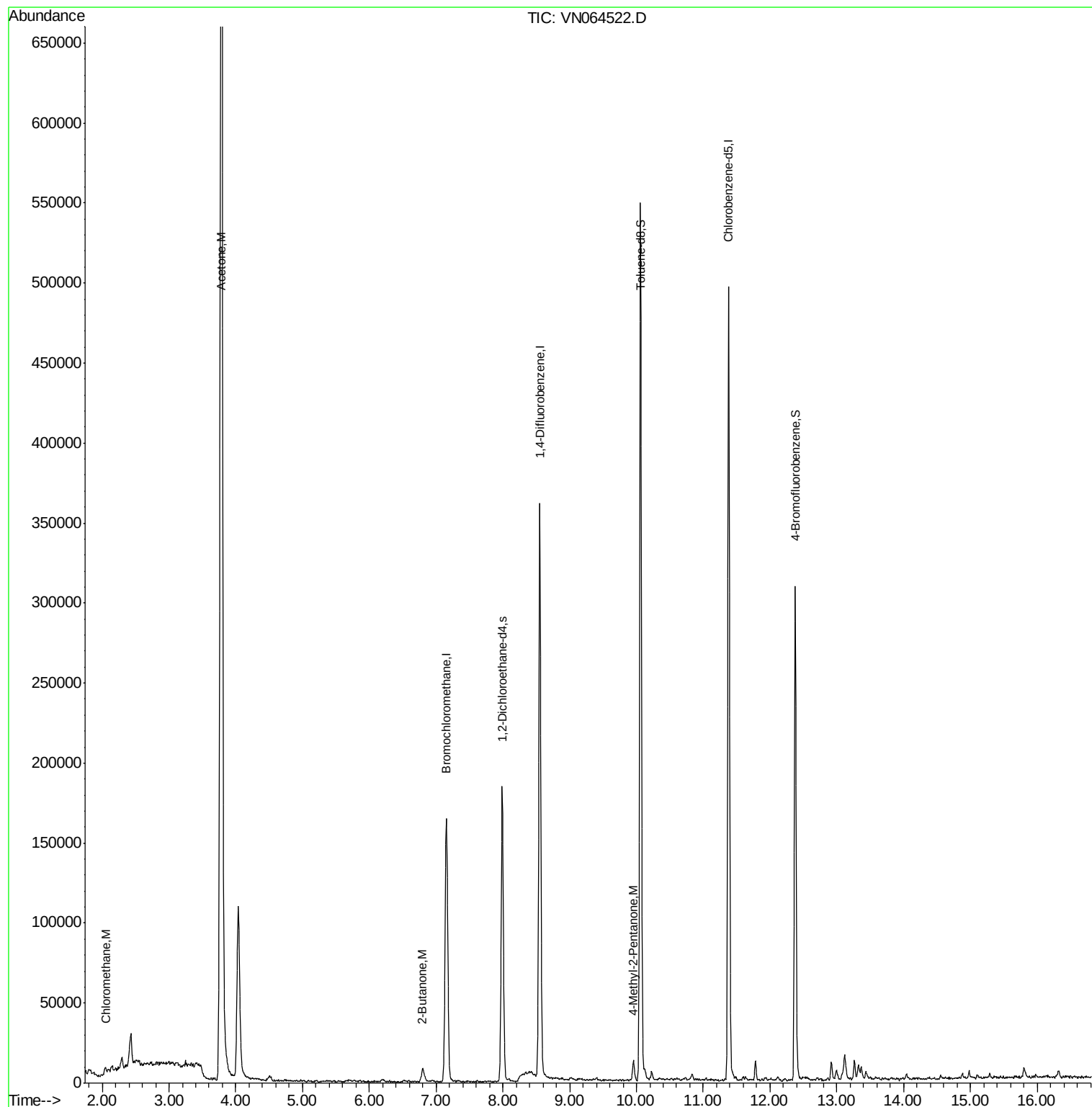
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
Data File : VN064522.D
Acq On : 10 Nov 2020 13:47
Operator : JC/MD
Sample : L4628-02
Misc : 5.00mL/MSVOA N/WATER
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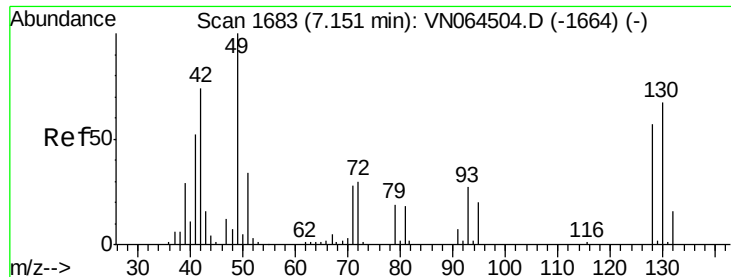
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(NOV)

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11/11/2020 1:01:25 PM

Quant Time: Nov 11 02:37:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l m

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064522.D

Acq: 10 Nov 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(NOV)

Tot Ion:128 Resp: 58725

Ion Ratio Lower Upper

128 100

49 190.6 0.0 475.5

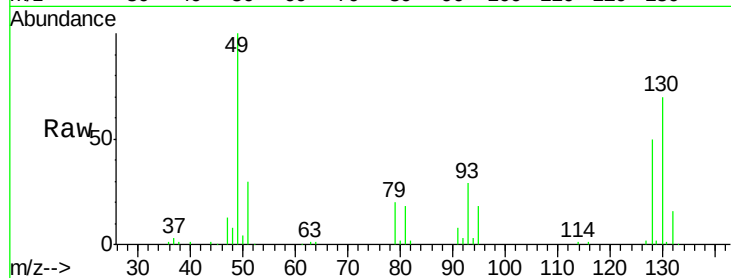
130 130.7 0.0 315.3

Manual Integrations

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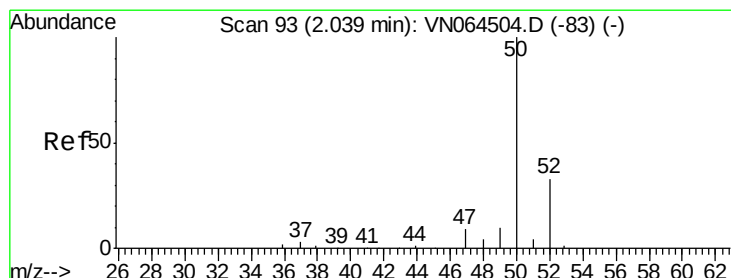
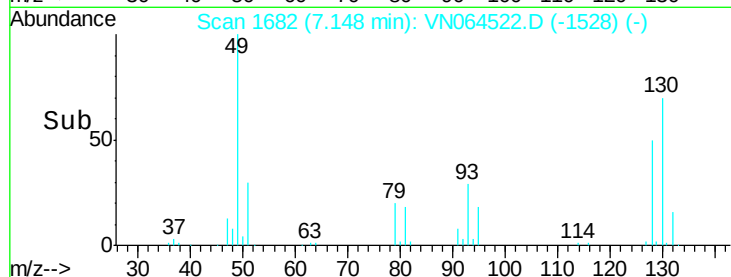
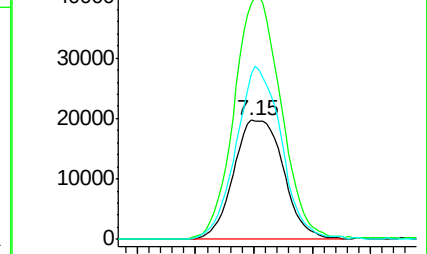
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#3

Chloromethane

Concen: 0.786 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064522.D

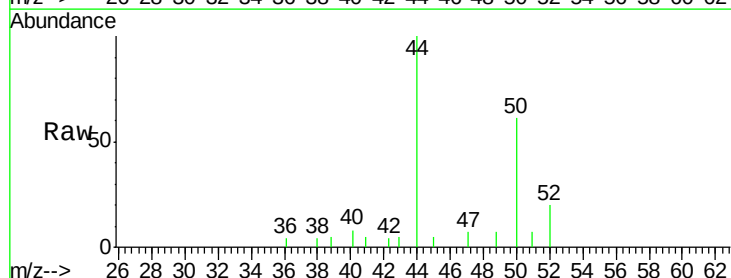
Acq: 10 Nov 2020 13:47

Tgt Ion: 50 Resp: 3527

Ion Ratio Lower Upper

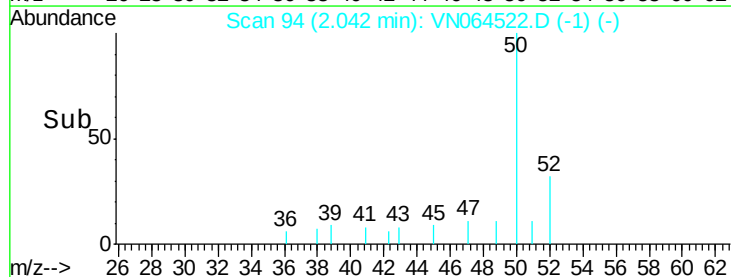
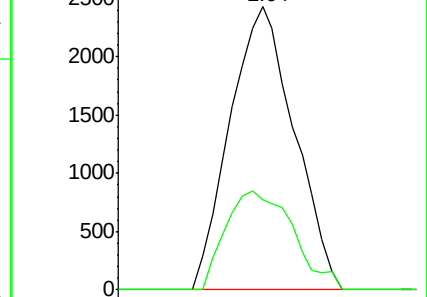
50 100

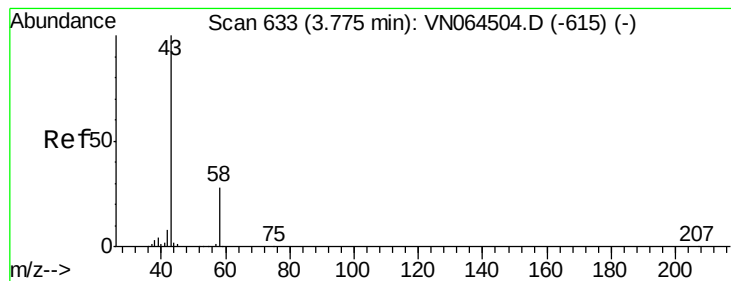
52 31.9 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





#15

Acetone

Concen: 755.730 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064522.D

Acq: 10 Nov 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(NOV)

Tot Ion: 58 Resp: 428744

Ion Ratio Lower Upper

58 100

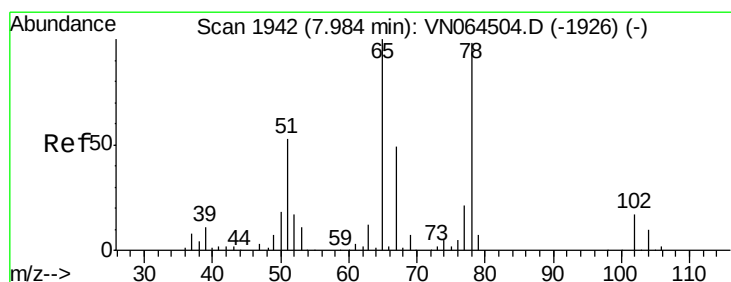
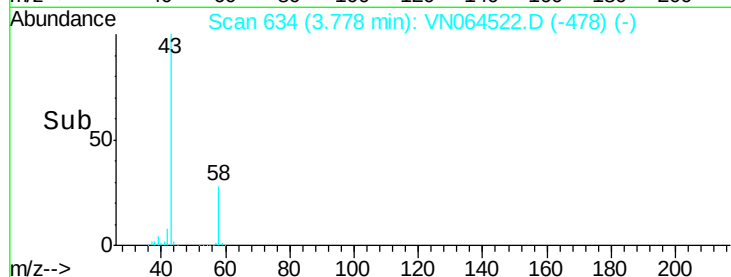
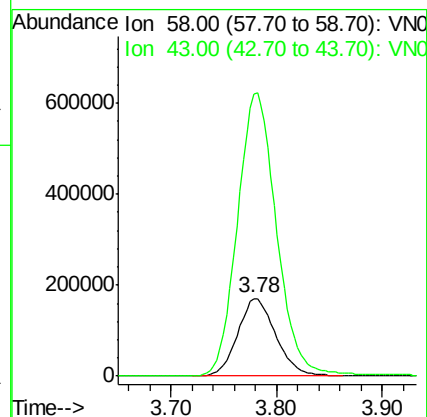
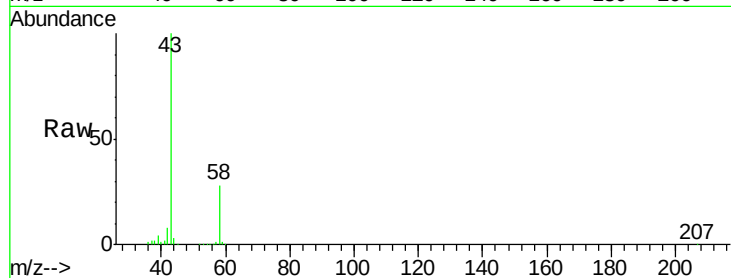
43 362.6 289.8 434.8

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#27

1,2-Dichloroethane-d4

Concen: 31.035 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.01 min

Lab File: VN064522.D

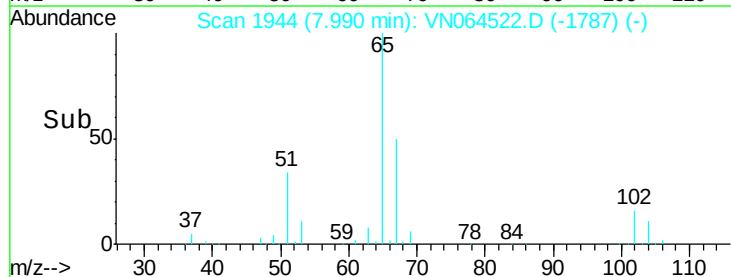
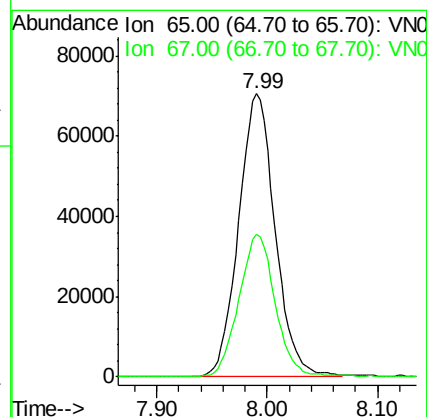
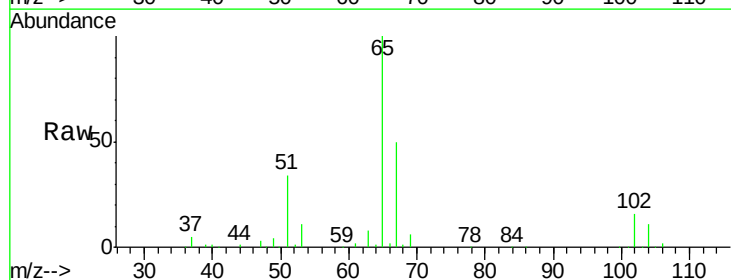
Acq: 10 Nov 2020 13:47

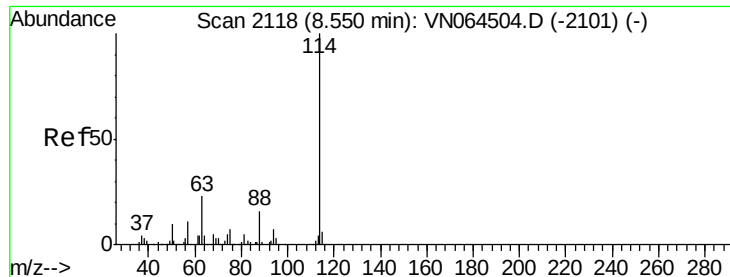
Tgt Ion: 65 Resp: 161343

Ion Ratio Lower Upper

65 100

67 49.6 41.1 61.7





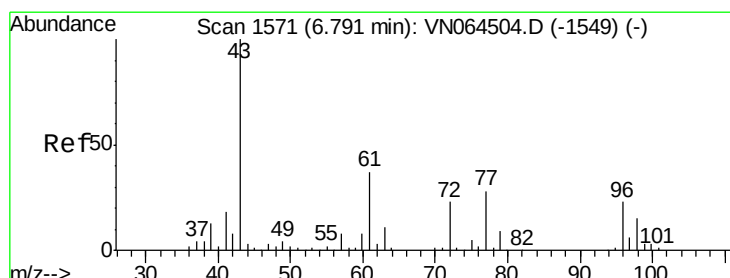
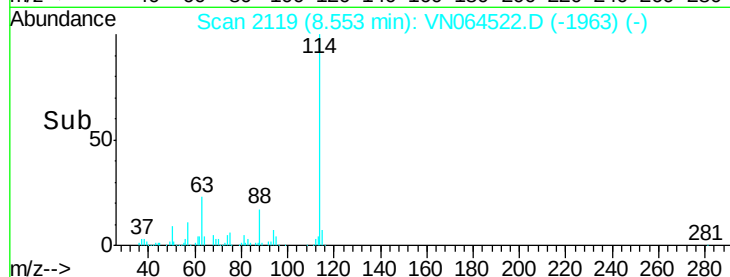
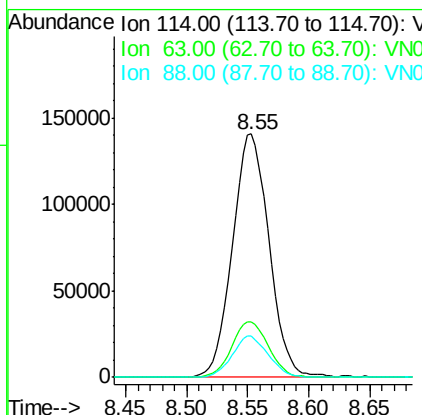
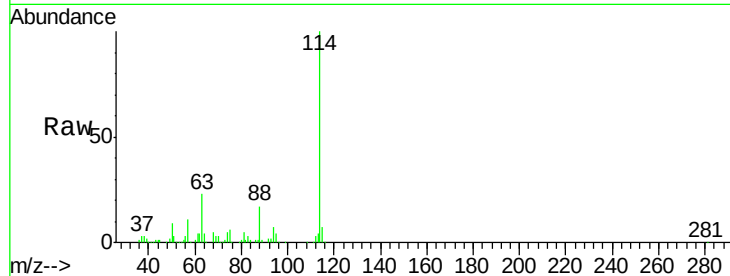
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064522.D
 Acq: 10 Nov 2020 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(NOV)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	292376		
63	23.0		18.5	27.7
88	16.8		13.0	19.6

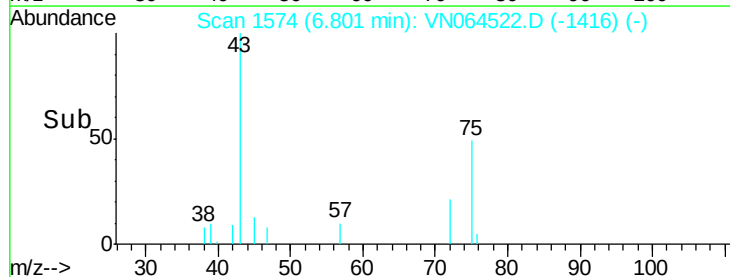
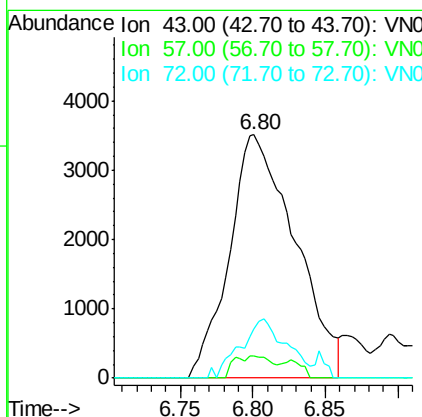
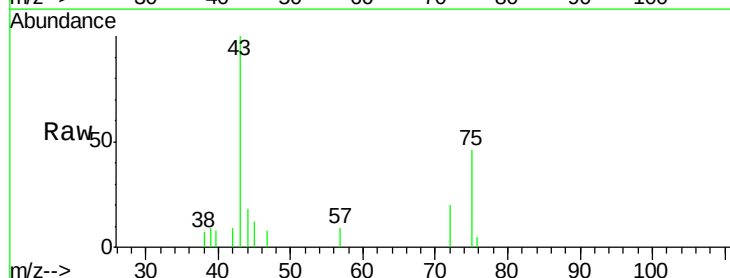
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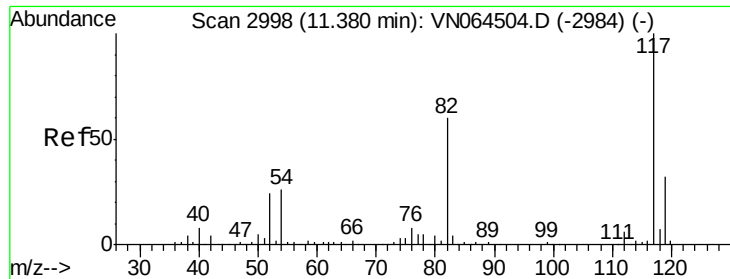
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#30
 2-Butanone
 Concen: 4.396 ug/l
 RT: 6.80 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VN064522.D
 Acq: 10 Nov 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	11042		
57	3.3		6.2	9.4#
72	13.2		9.9	14.9





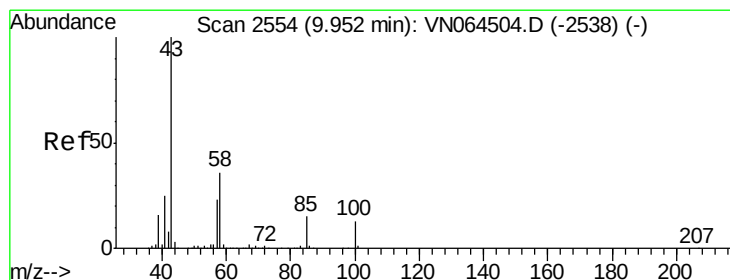
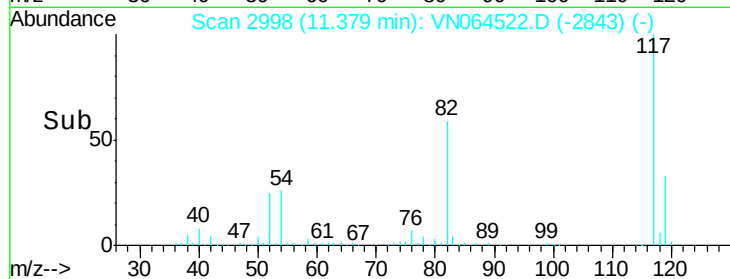
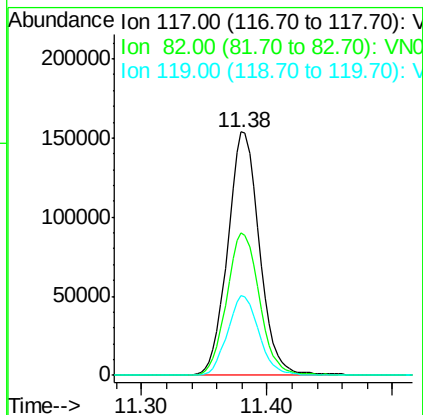
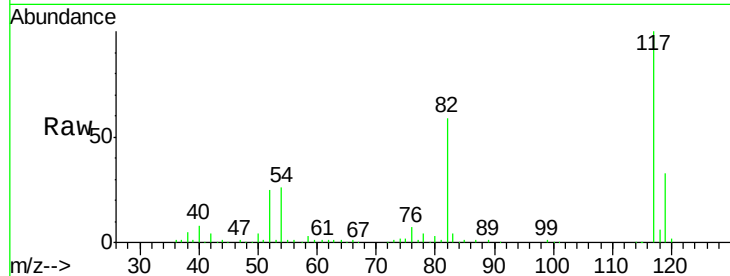
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064522.D
Acq: 10 Nov 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(NOV)

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.8	71.8
119	32.2	25.7	38.5

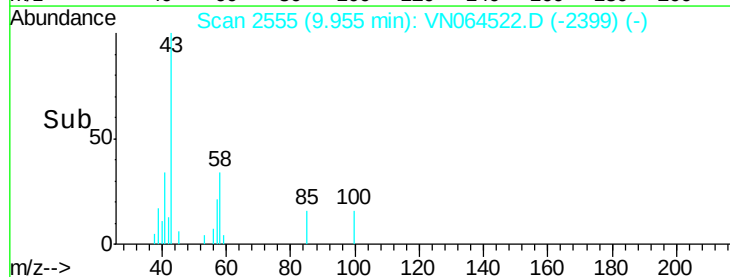
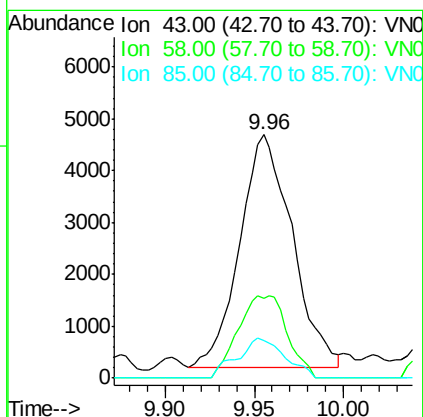
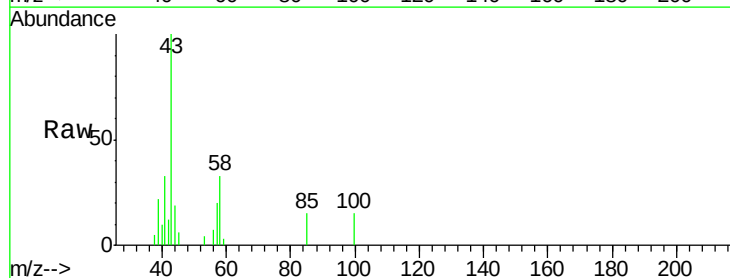
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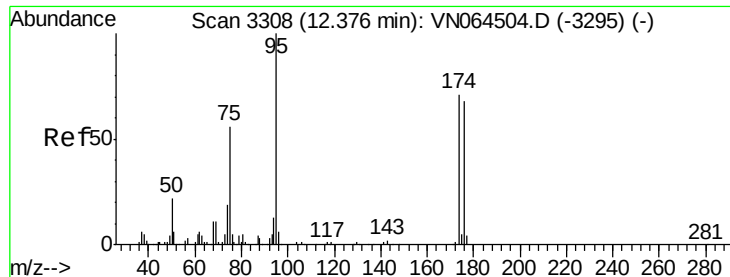
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#58
4-Methyl-2-Pentanone
Concen: 1.856 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064522.D
Acq: 10 Nov 2020 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	18.3	28.8	43.2#
85	15.6	12.3	18.5





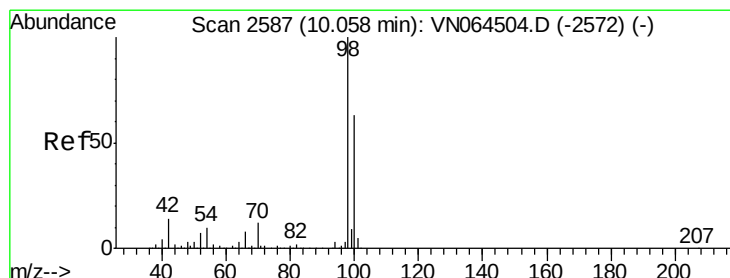
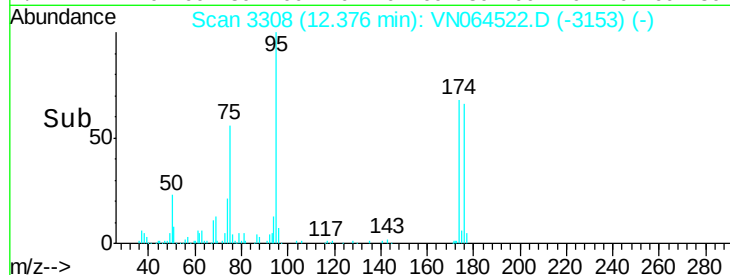
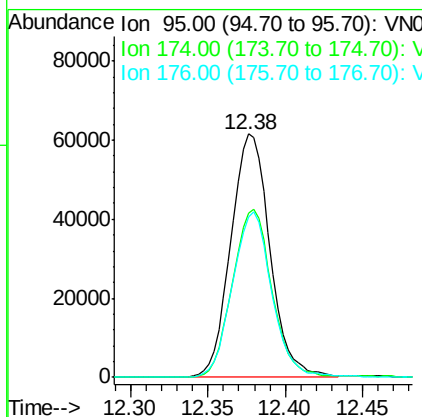
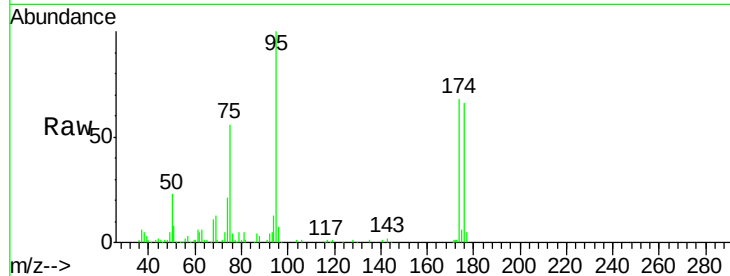
#60
4-Bromofluorobenzene
Concen: 23.365 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064522.D
Acq: 10 Nov 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(NOV)

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.0	56.4	84.6
176	68.5	53.3	79.9

Manual Integrations
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#63
Toluene-d8
Concen: 29.019 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064522.D
Acq: 10 Nov 2020 13:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	49.4	74.2

