

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031921\
 Data File : VL036458.D
 Acq On : 19 Mar 2021 22:44
 Operator :
 Sample : OC031821 CAN 10044
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC031821 CAN 10044

Manual Integrations
 APPROVED

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 3/24/2021 6:14:53 PM

Quant Time: Mar 20 01:05:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 03 14:18:24 2021
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1546706	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	3602534	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3333148	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2712071	9.89	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.12	50	31194	0.359	ppbv	96
9) Propene	3.00	41	15686m	0.197	ppbv	
13) Ethanol	3.59	45	13325m	1.089	ppbv	
15) Acetone	3.84	43	165076m	0.934	ppbv	
20) Methylene Chloride	4.32	84	53200m	0.893	ppbv	
26) Hexane	5.65	57	17544m	0.125	ppbv	
34) 2-Butanone	5.23	43	34870m	0.161	ppbv	
36) Benzene	6.87	78	34110m	0.122	ppbv	

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

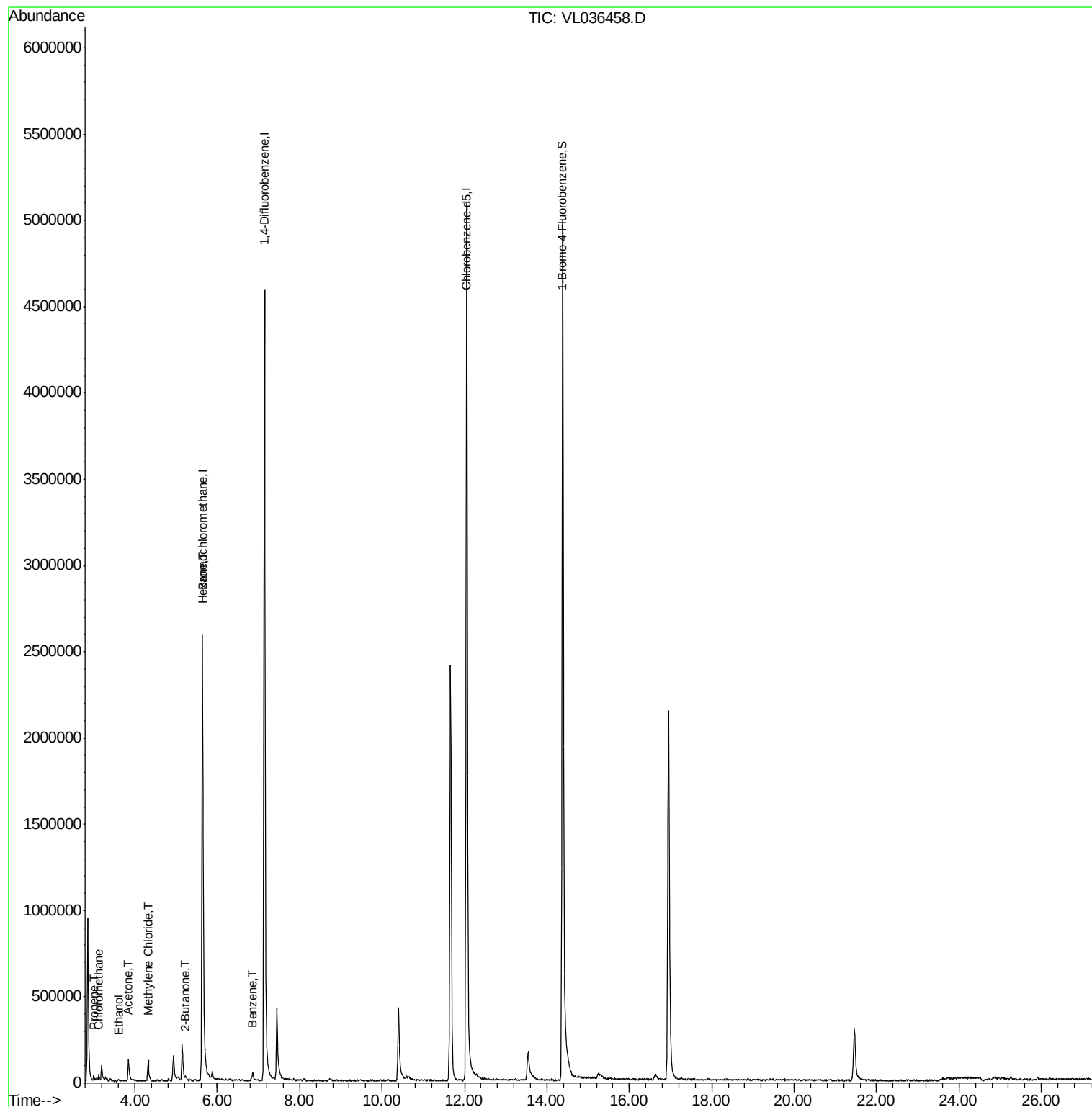
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Data File : VL036458.D
Acq On : 19 Mar 2021 22:44
Operator :
Sample : OC031821 CAN 10044
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

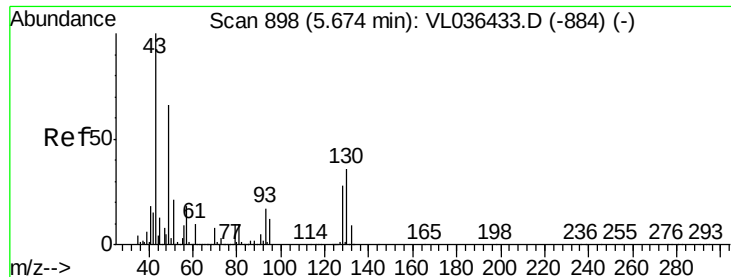
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Mar 20 01:05:22 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar
QLast Update : Wed Mar 03 14:18:24 2021
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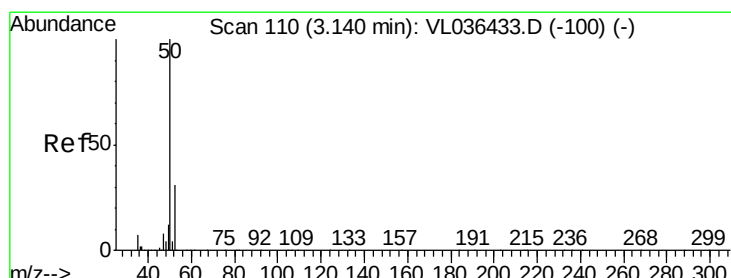
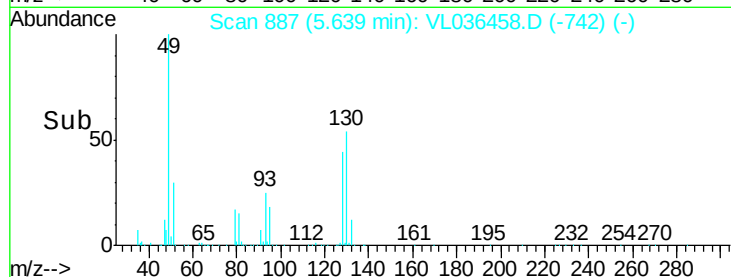
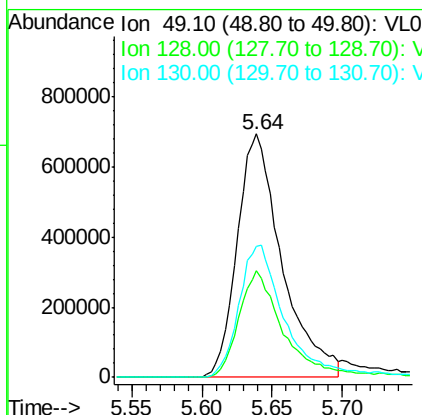
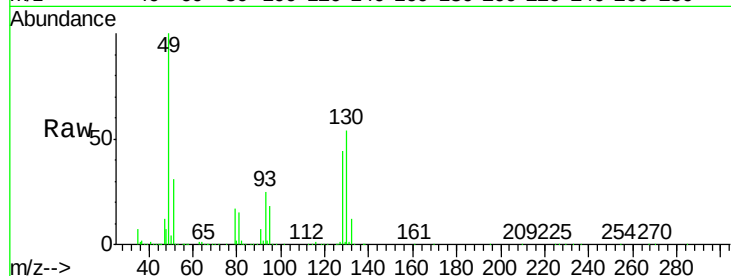
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.04 min
Lab File: VL036458.D
Acq: 19 Mar 2021 22:44

Instrument :
MSVOA_L
ClientSampleId :
QC031821 CAN 10044

Tot Ion: 49 Resp: 1546706
Ion Ratio Lower Upper
49 100
128 45.4 22.4 67.2
130 57.8 28.0 84.0

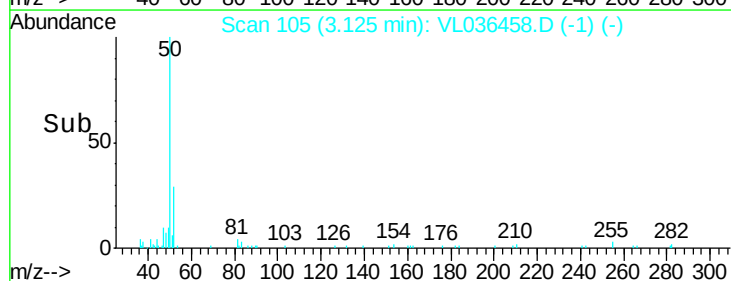
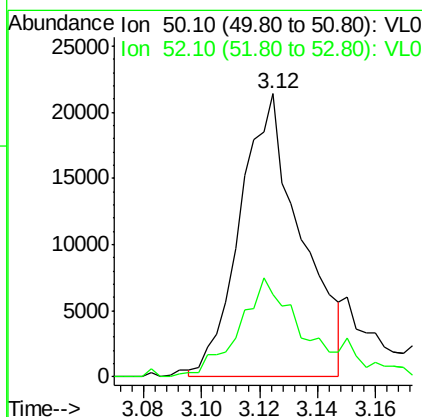
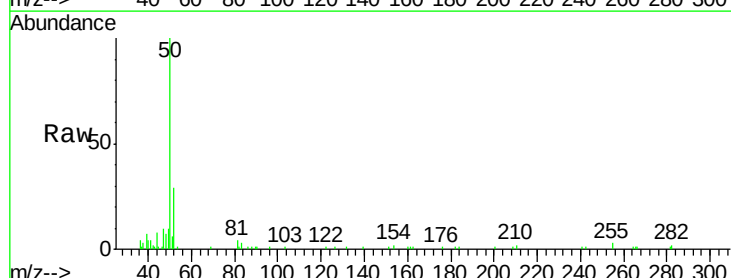
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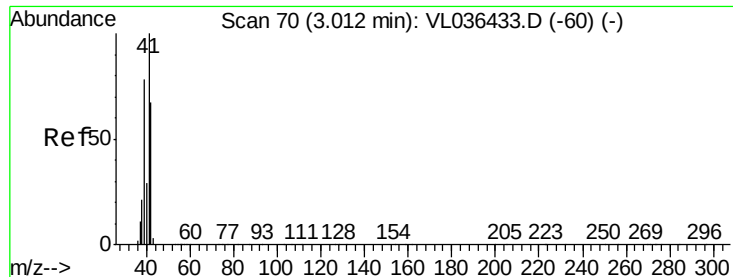
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#4
Chloromethane
Concen: 0.359 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.02 min
Lab File: VL036458.D
Acq: 19 Mar 2021 22:44

Tgt Ion: 50 Resp: 31194
Ion Ratio Lower Upper
50 100
52 28.3 24.6 36.8





#9

Propene

Concen: 0.197 ppbv m

RT: 3.00 min Scan# 65

Delta R.T. -0.02 min

Lab File: VL036458.D

Acq: 19 Mar 2021 22:44

Instrument :

MSVOA_L

ClientSampleId :

QC031821 CAN 10044

Tot Ion: 41 Resp: 15686

Ion Ratio Lower Upper

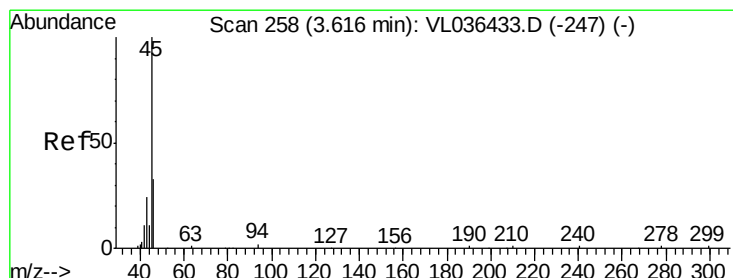
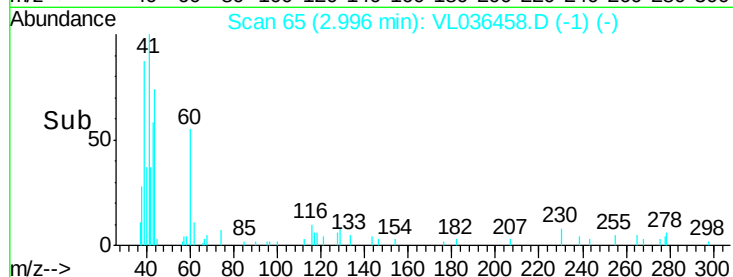
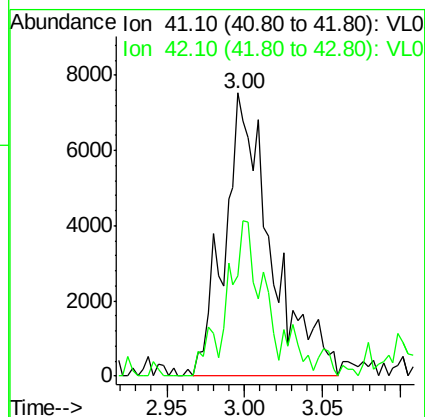
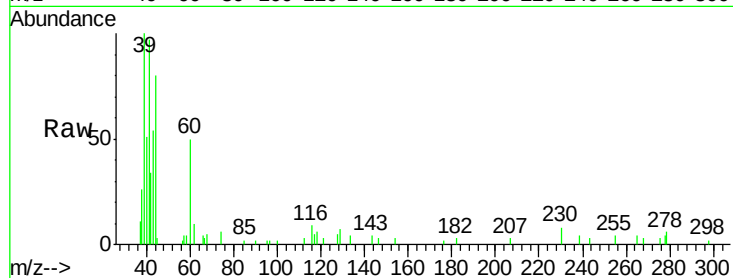
41 100

42 49.5 56.2 84.4#

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#13

Ethanol

Concen: 1.089 ppbv m

RT: 3.59 min Scan# 250

Delta R.T. -0.03 min

Lab File: VL036458.D

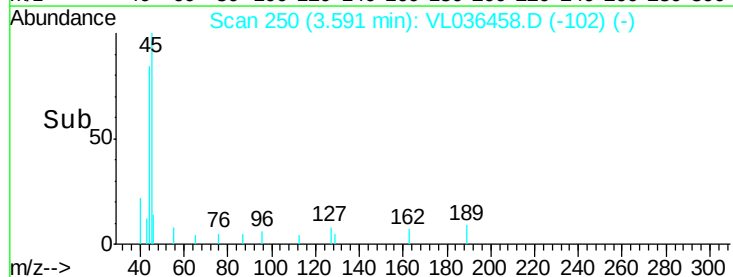
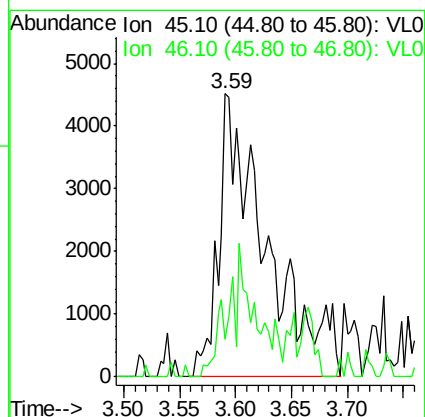
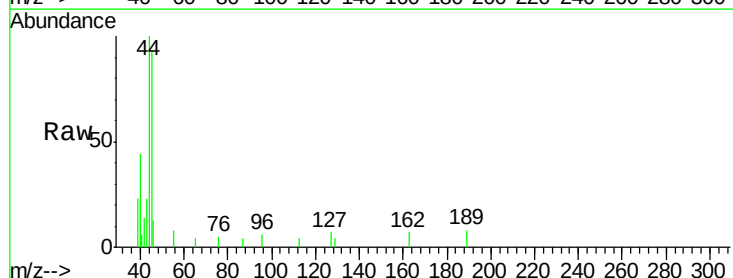
Acq: 19 Mar 2021 22:44

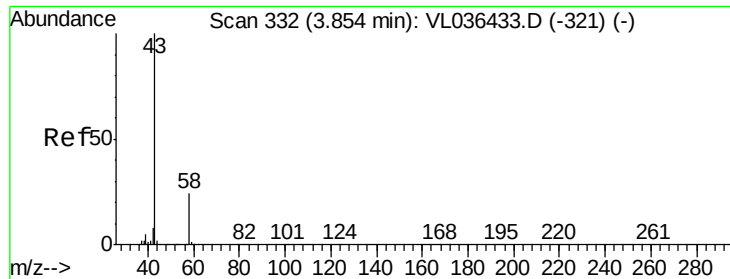
Tgt Ion: 45 Resp: 13325

Ion Ratio Lower Upper

45 100

46 0.0 16.8 67.4#





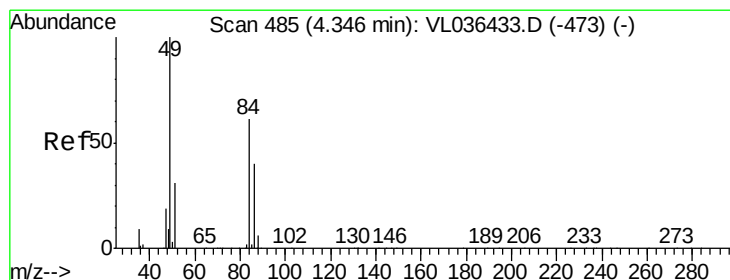
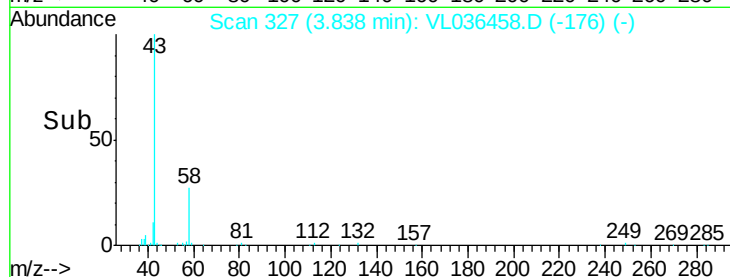
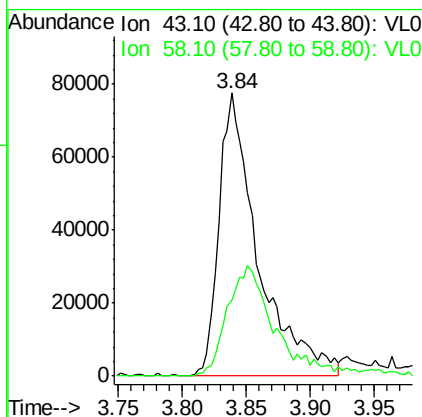
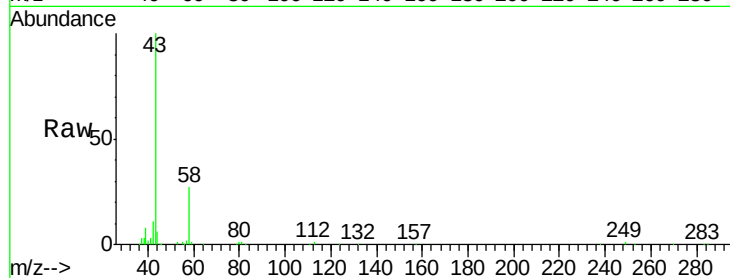
#15
Acetone
Concen: 0.934 ppbv m
RT: 3.84 min Scan# 327
Delta R.T. -0.02 min
Lab File: VL036458.D
Acq: 19 Mar 2021 22:44

Instrument :
MSVOA_L
ClientSampleId :
QC031821 CAN 10044

Tot Ion: 43 Resp: 165076
Ion Ratio Lower Upper
43 100
58 48.8 21.0 31.6#

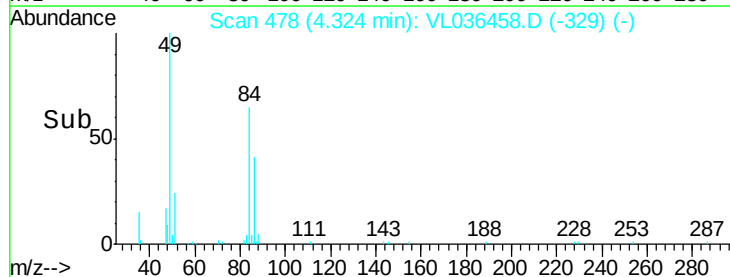
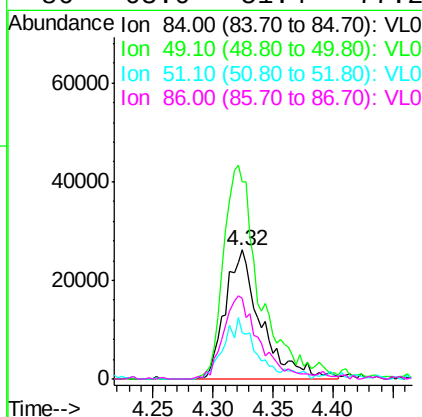
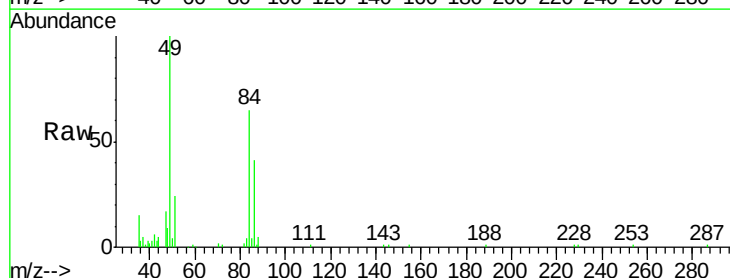
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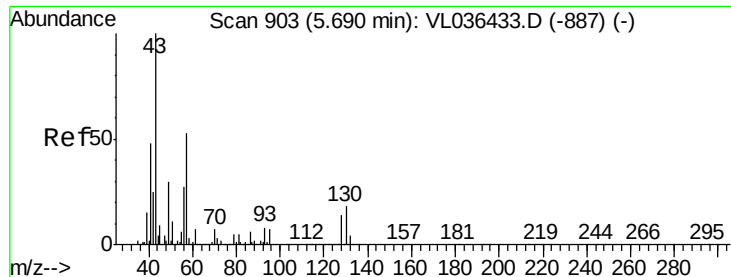
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#20
Methylene Chloride
Concen: 0.893 ppbv m
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL036458.D
Acq: 19 Mar 2021 22:44

Tgt Ion: 84 Resp: 53200
Ion Ratio Lower Upper
84 100
49 152.9 130.2 195.2
51 36.1 40.5 60.7#
86 63.0 51.4 77.2





#26

Hexane

Concen: 0.125 ppbv m

RT: 5.65 min Scan# 891

Delta R.T. -0.04 min

Lab File: VL036458.D

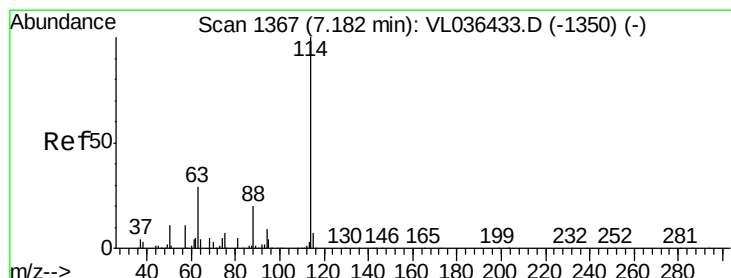
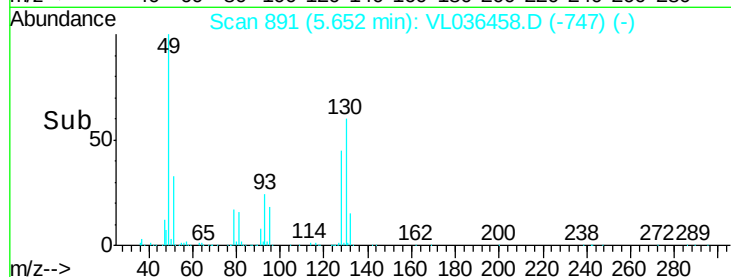
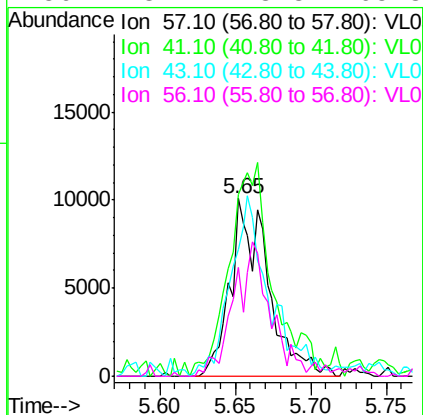
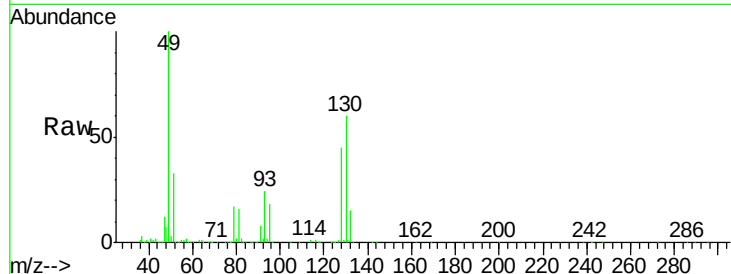
Acq: 19 Mar 2021 22:44

Instrument :
MSVOA_L
ClientSampleId :
QC031821 CAN 10044

Tot Ion	Ion	Ratio	Lower	Upper
57	100			
41	149.2	80.4	120.6#	
43	99.8	199.8	299.6#	
56	73.2	43.8	65.8#	

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

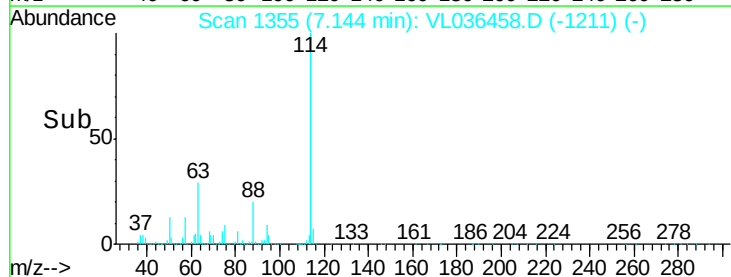
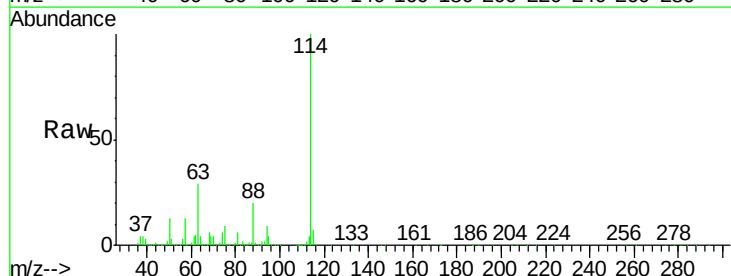
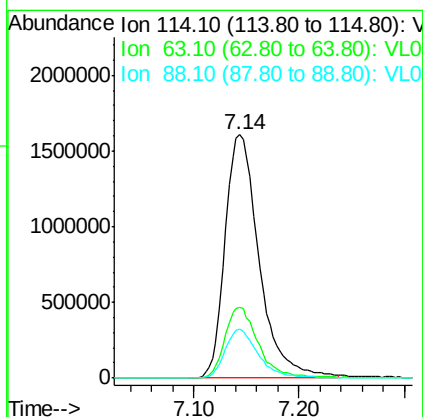
RT: 7.14 min Scan# 1355

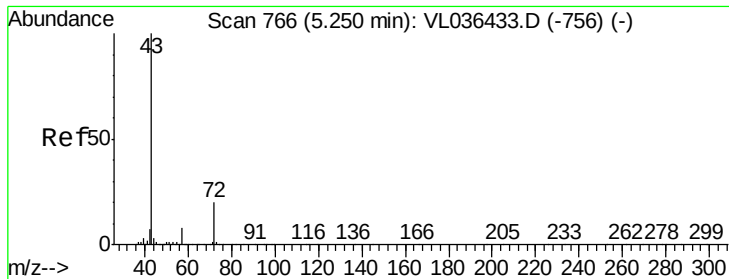
Delta R.T. -0.04 min

Lab File: VL036458.D

Acq: 19 Mar 2021 22:44

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	29.0	23.3	34.9	
88	19.7	15.6	23.4	





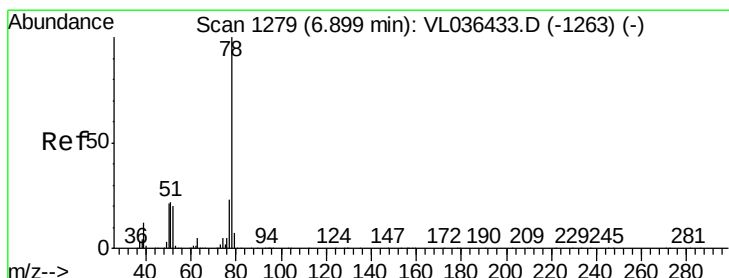
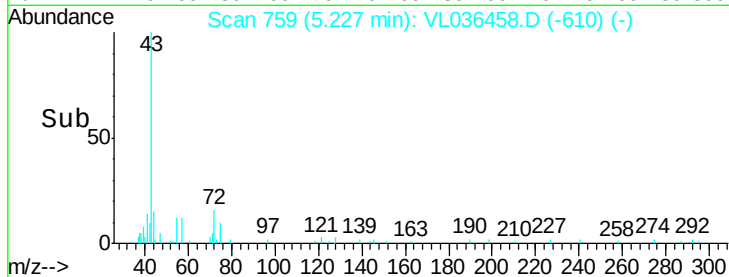
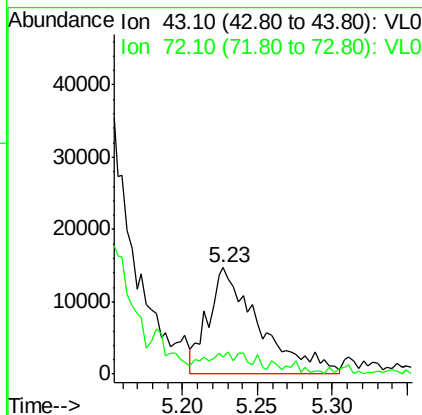
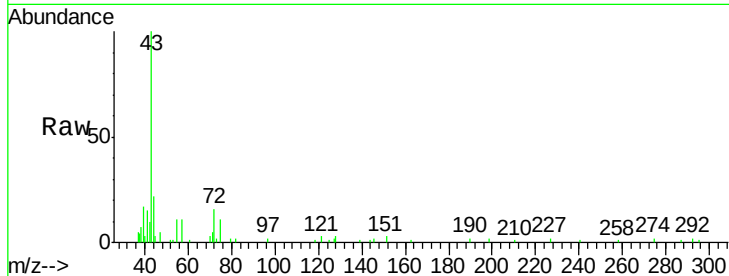
#34
2-Butanone
Concen: 0.161 ppbv m
RT: 5.23 min Scan# 759
Delta R.T. -0.02 min
Lab File: VL036458.D
Acq: 19 Mar 2021 22:44

Instrument :
MSVOA_L
ClientSampleId :
QC031821 CAN 10044

Tot Ion: 43 Resp: 34870
Ion Ratio Lower Upper
43 100
72 0.0 16.7 25.1#

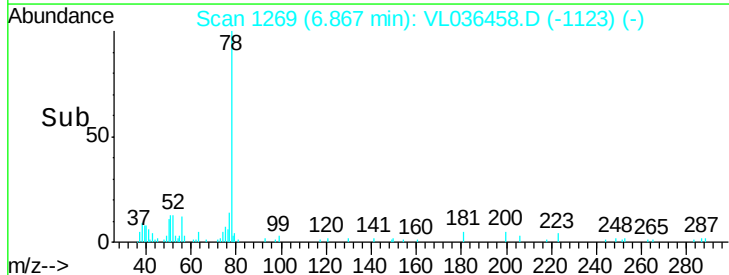
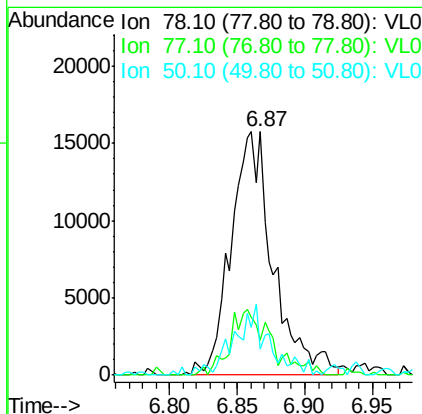
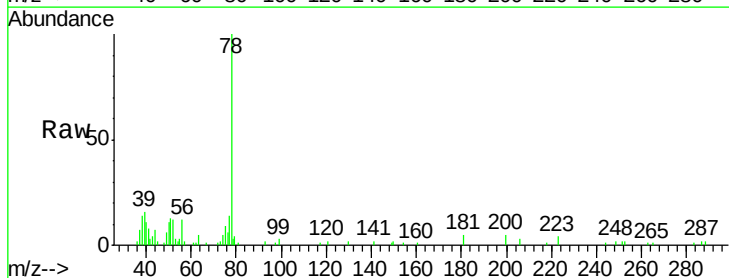
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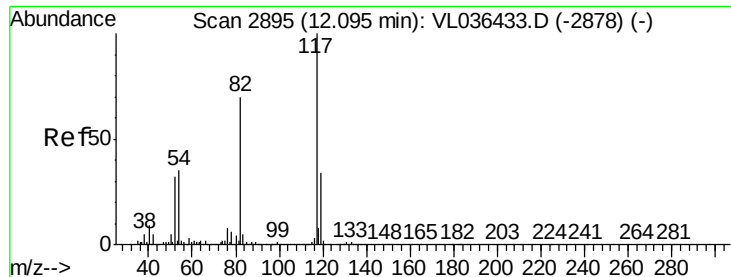
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#36
Benzene
Concen: 0.122 ppbv m
RT: 6.87 min Scan# 1269
Delta R.T. -0.03 min
Lab File: VL036458.D
Acq: 19 Mar 2021 22:44

Tgt Ion: 78 Resp: 34110
Ion Ratio Lower Upper
78 100
77 14.1 18.1 27.1#
50 10.9 16.8 25.2#





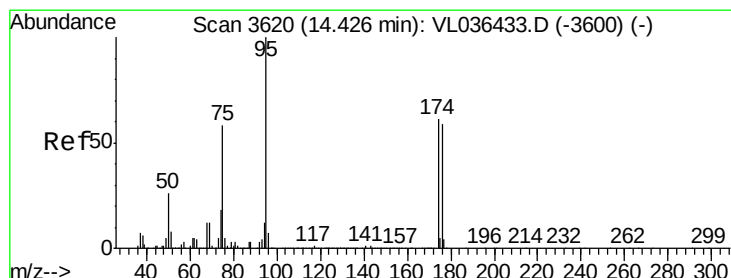
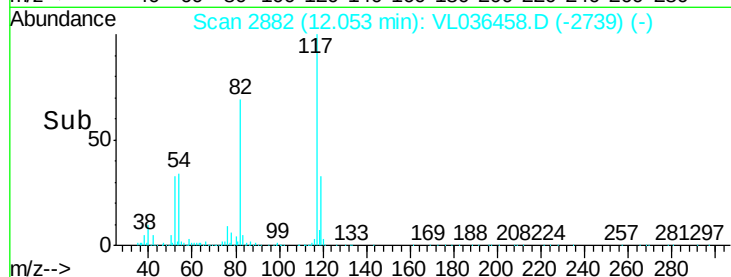
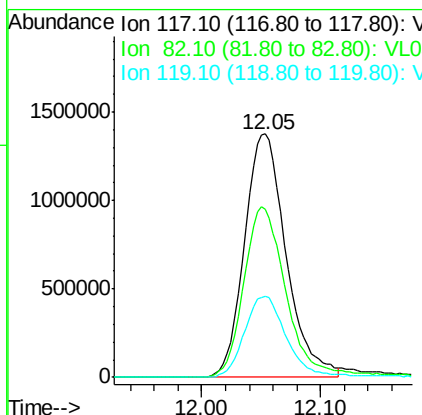
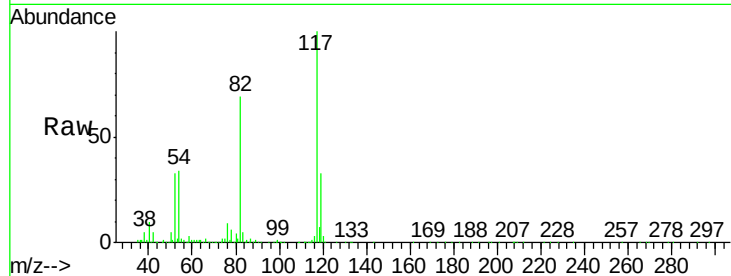
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Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL036458.D
Acq: 19 Mar 2021 22:44

Instrument :
MSVOA_L
ClientSampleId :
QC031821 CAN 10044

Tot Ion:117 Resp: 3333148
Ion Ratio Lower Upper
117 100
82 73.5 56.5 84.7
119 34.3 27.0 40.4

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.894 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.04 min
Lab File: VL036458.D
Acq: 19 Mar 2021 22:44

Tgt Ion: 95 Resp: 2712071
Ion Ratio Lower Upper
95 100
174 65.3 51.0 76.4
175 4.9 3.8 5.6

