

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036120.D
 Acq On : 9 Dec 2020 7:22
 Operator : SY/AP
 Sample : L4948-14DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6BDL

Manual Integrations
 APPROVED

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 12/11/2020 5:41:21 PM

Quant Time: Dec 13 23:03:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1129527	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.19	114	2285591	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	2029216	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1736807	10.78	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	51281m	0.794	ppbv	
13) Ethanol	3.61	45	221135m	24.847	ppbv	
15) Acetone	3.86	43	337391m	2.485	ppbv	
30) Cyclohexane	7.14	84	49428m	0.551	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	2139437	12.936	ppbv	98
36) Benzene	6.90	78	114938m	0.593	ppbv	
52) Tetrachloroethene	11.24	164	28888m	0.412	ppbv	
59) m/p-Xylene	12.98	91	193356m	0.826	ppbv	

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

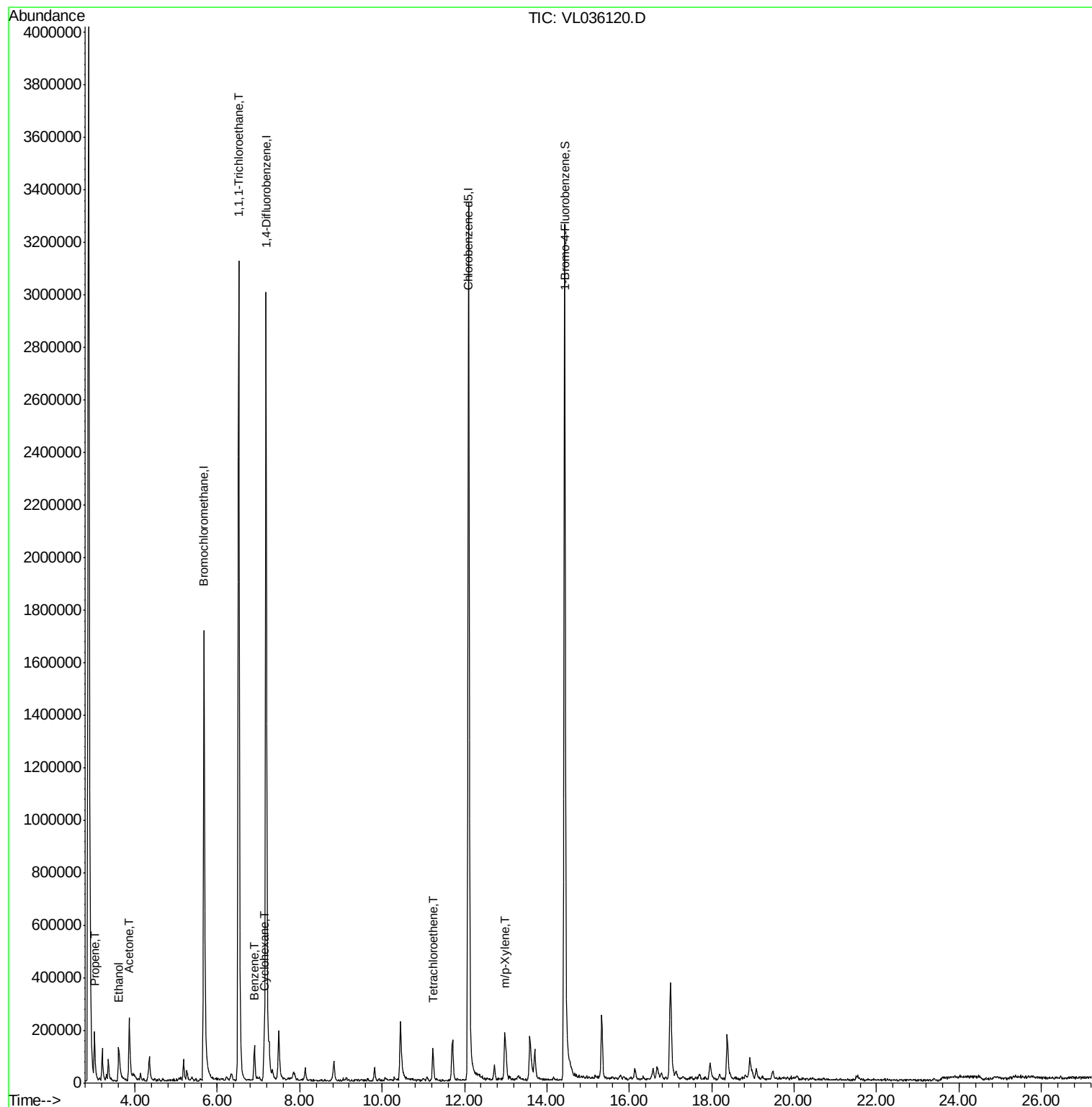
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120820\
Data File : VL036120.D
Acq On : 9 Dec 2020 7:22
Operator : SY/AP
Sample : L4948-14DL 10X
Misc : 400ml/MSVOA L
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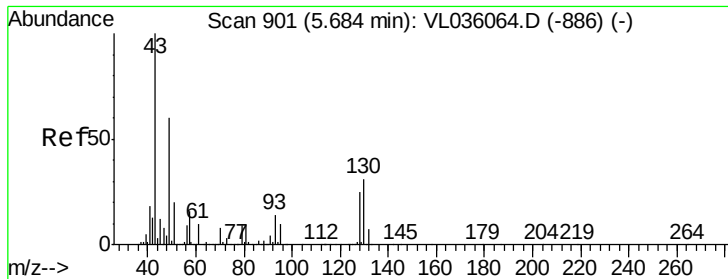
Instrument :
MSVOA_L
ClientSampleId :
SS-6BDL

Manual Integrations
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Quant Time: Dec 13 23:03:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL036120.D

Acq: 9 Dec 2020 7:22

Instrument :

MSVOA_L

ClientSampled :

SS-6BDL

Tot Ion: 49 Resp: 1129527

Ion Ratio Lower Upper

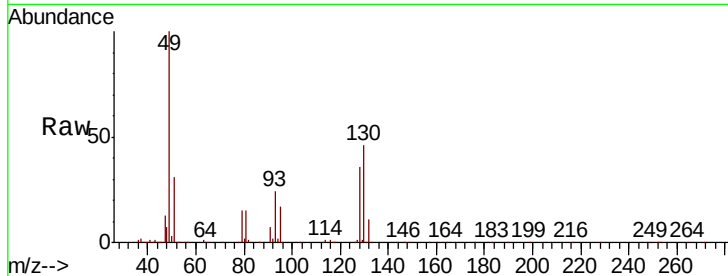
49 100

128 35.9 21.1 63.1

130 46.4 27.1 81.3

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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.67

600000

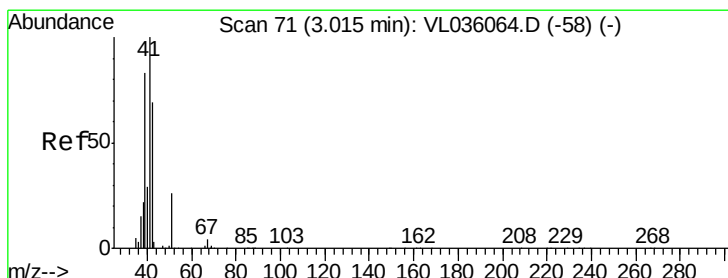
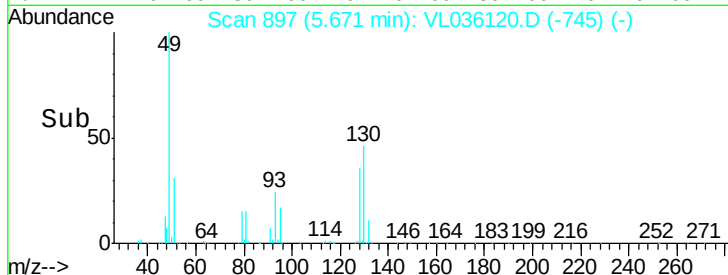
400000

200000

0

5.60 5.65 5.70 5.75 5.80

Time-->



#9

Propene

Concen: 0.794 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL036120.D

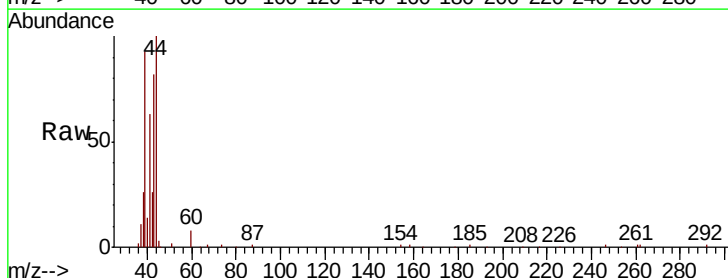
Acq: 9 Dec 2020 7:22

Tgt Ion: 41 Resp: 51281

Ion Ratio Lower Upper

41 100

42 25.2 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

30000

25000

20000

15000

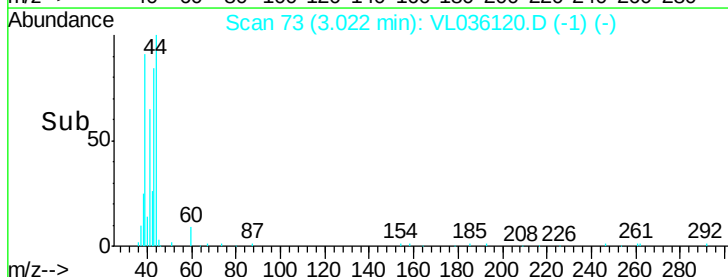
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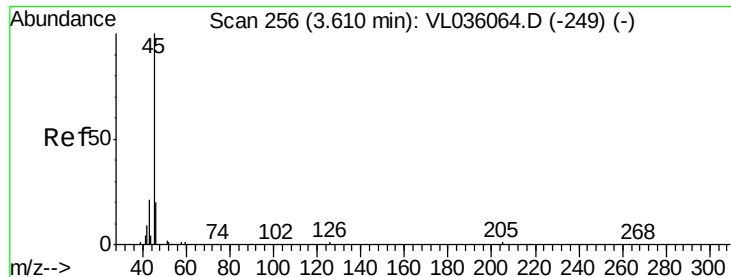
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0

2.95 3.00 3.05

Time-->





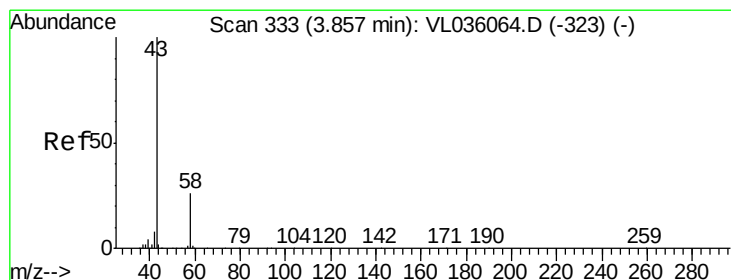
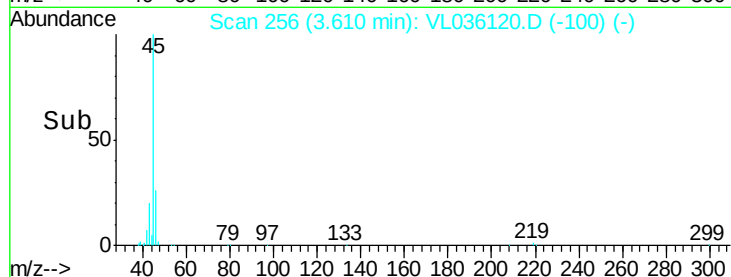
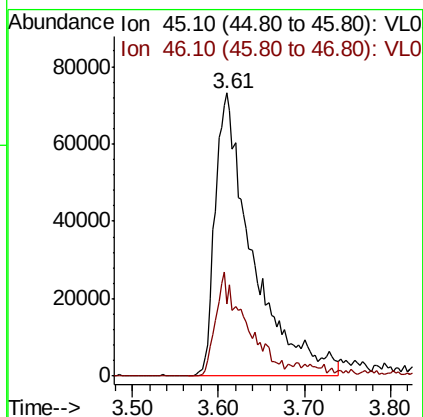
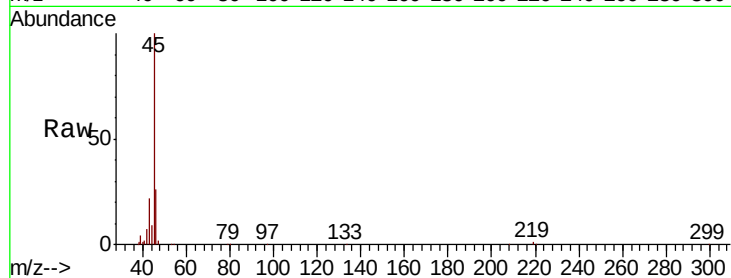
#13
Ethanol
Concen: 24.847 ppbv m
RT: 3.61 min Scan# 256
Delta R.T. 0.00 min
Lab File: VL036120.D
Acq: 9 Dec 2020 7:22

Instrument :
MSVOA_L
ClientSampled :
SS-6BDL

Tot Ion	Ratio	Lower	Upper
45	100		
46	34.3	19.0	75.8

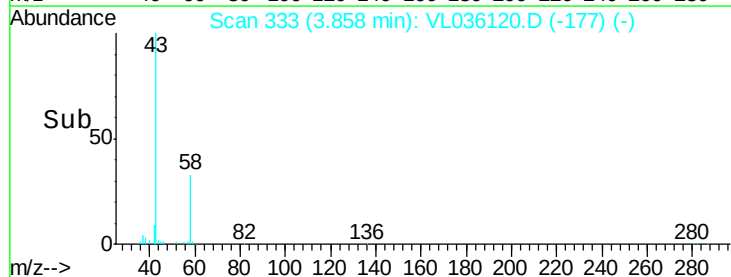
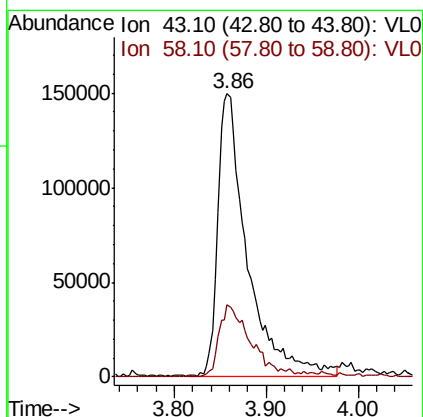
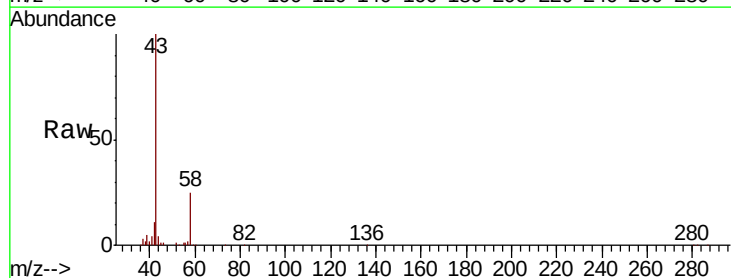
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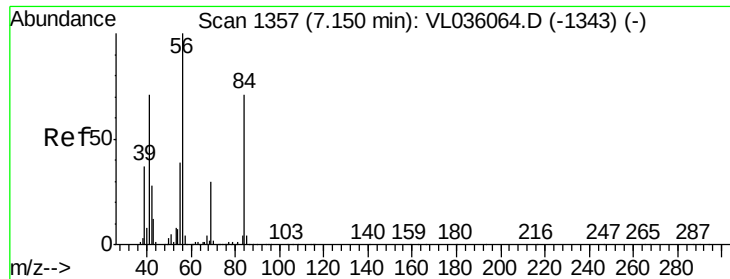
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#15
Acetone
Concen: 2.485 ppbv m
RT: 3.86 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL036120.D
Acq: 9 Dec 2020 7:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.2	20.9	31.3





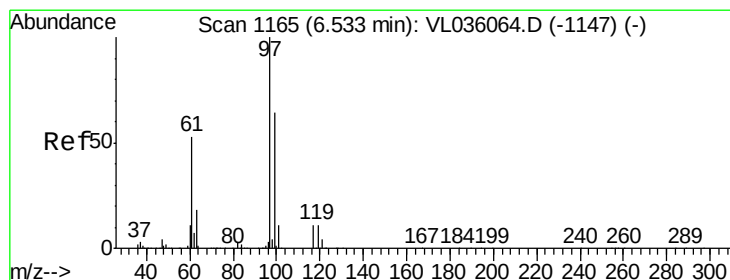
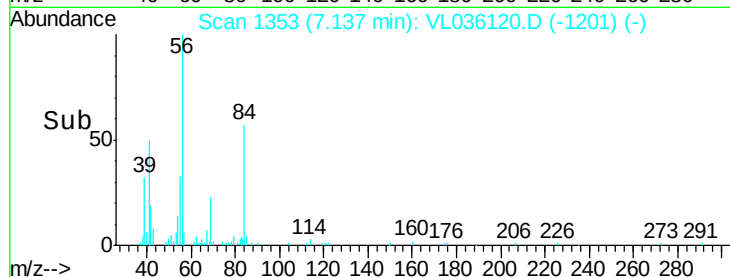
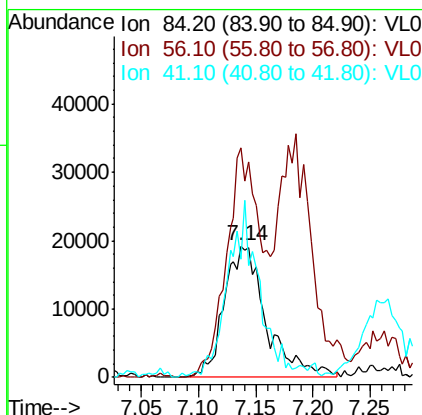
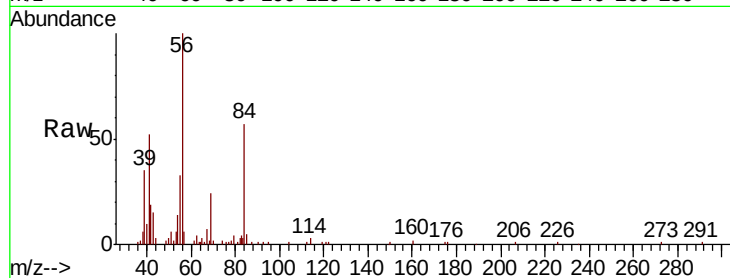
#30
Cyclohexane
Concen: 0.551 ppbv m
RT: 7.14 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL036120.D
Acq: 9 Dec 2020 7:22

Instrument :
MSVOA_L
ClientSampled :
SS-6BDL

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	128.0	192.0#
41	0.0	81.3	121.9#

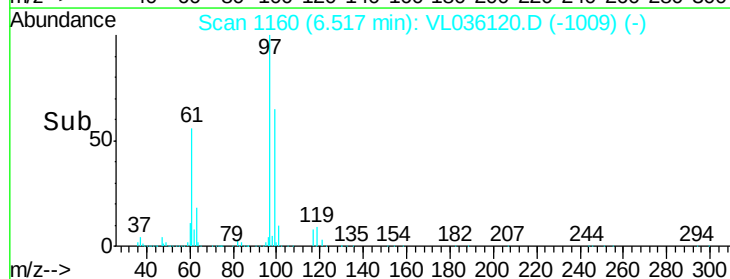
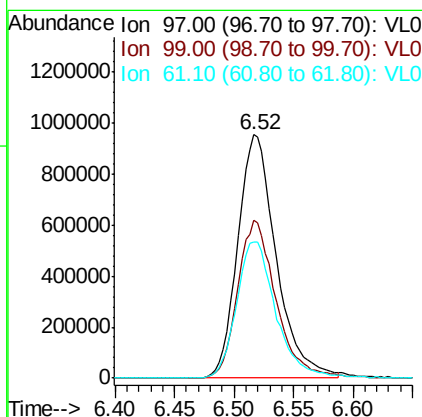
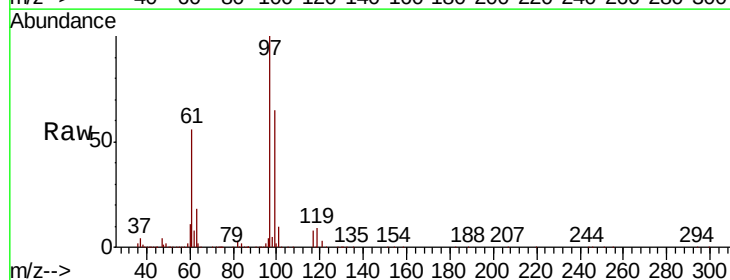
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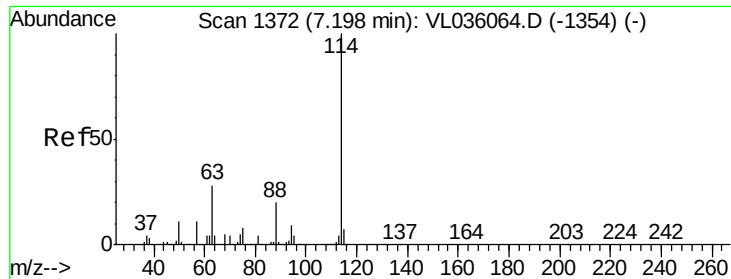
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#32
1,1,1-Trichloroethane
Concen: 12.936 ppbv
RT: 6.52 min Scan# 1160
Delta R.T. -0.02 min
Lab File: VL036120.D
Acq: 9 Dec 2020 7:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.4	78.6
61	57.7	43.4	65.0





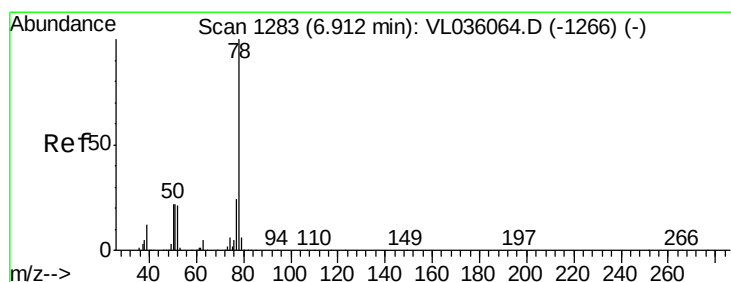
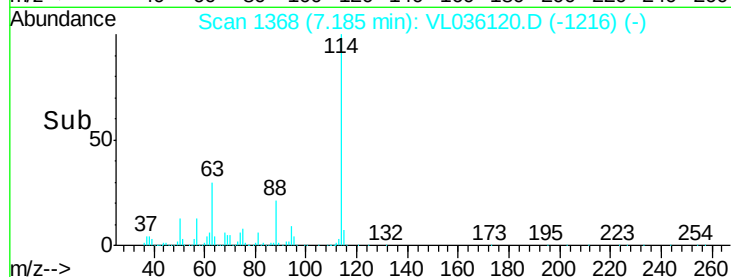
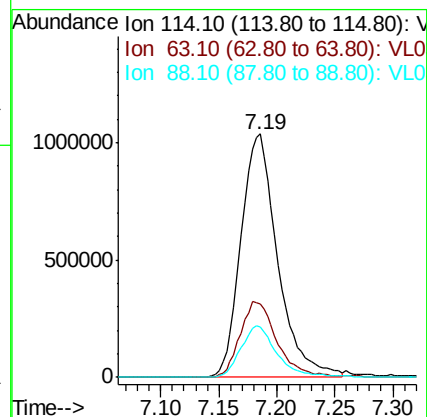
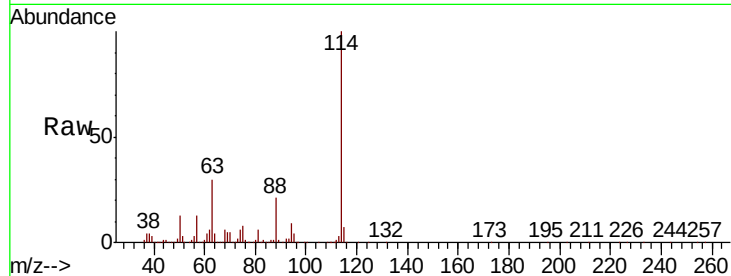
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VL036120.D
 Acq: 9 Dec 2020 7:22

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6BDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	31.9	23.6	35.4
88	20.9	15.8	23.6

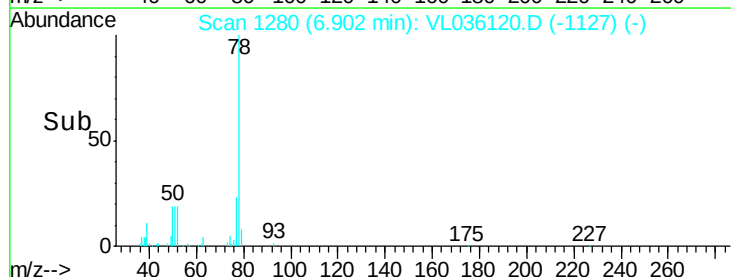
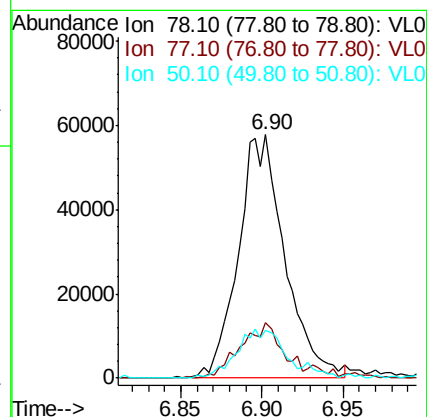
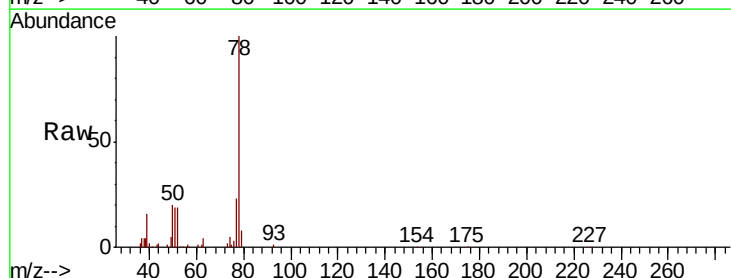
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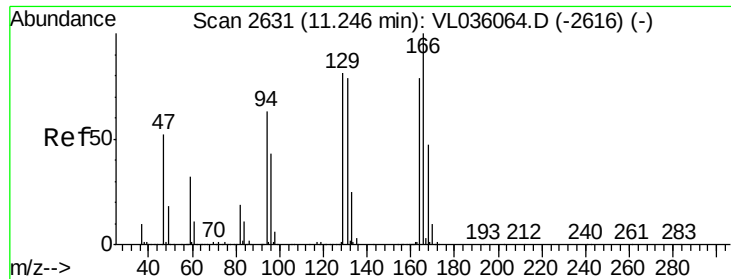
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#36
 Benzene
 Concen: 0.593 ppbv m
 RT: 6.90 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VL036120.D
 Acq: 9 Dec 2020 7:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.4	29.2
50	19.7	17.8	26.8





#52

Tetrachloroethene

Concen: 0.412 ppbv m

RT: 11.24 min Scan# 2629

Delta R.T. -0.01 min

Lab File: VL036120.D

Acq: 9 Dec 2020 7:22

Instrument :

MSVOA_L

ClientSampleId :

SS-6BDL

Tot Ion:164 Resp: 28888

Ion Ratio Lower Upper

164 100

166 80.8 101.9 152.9#

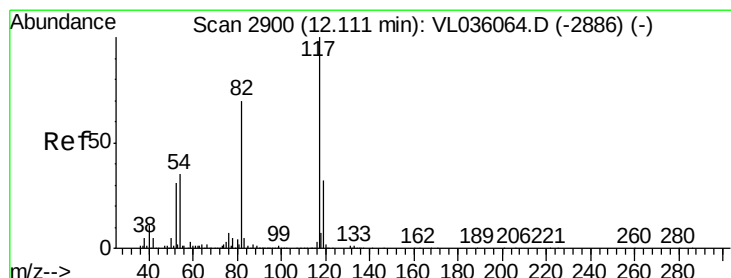
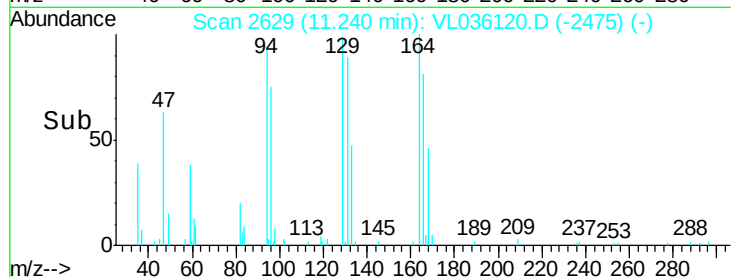
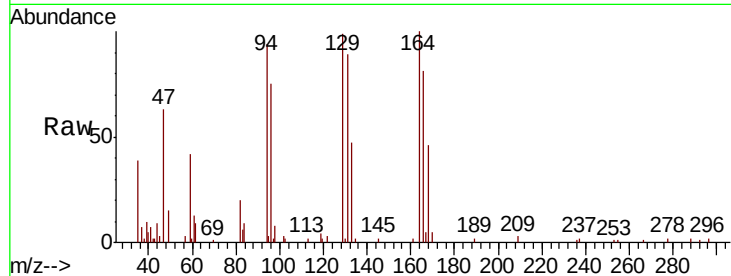
129 99.2 82.1 123.1

131 89.2 80.8 121.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2896

Delta R.T. -0.01 min

Lab File: VL036120.D

Acq: 9 Dec 2020 7:22

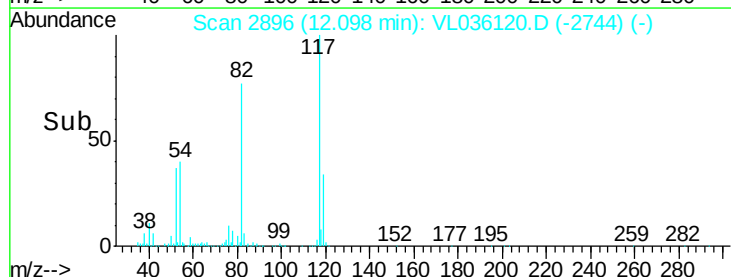
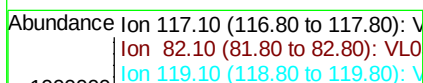
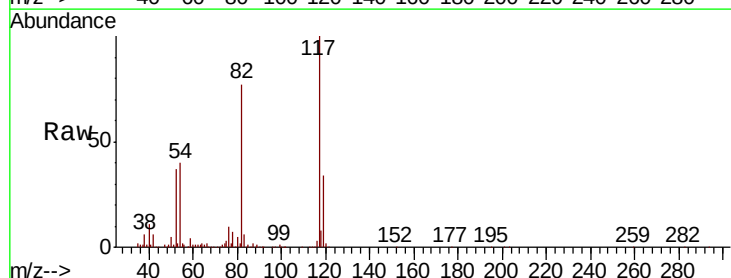
Tgt Ion:117 Resp: 2029216

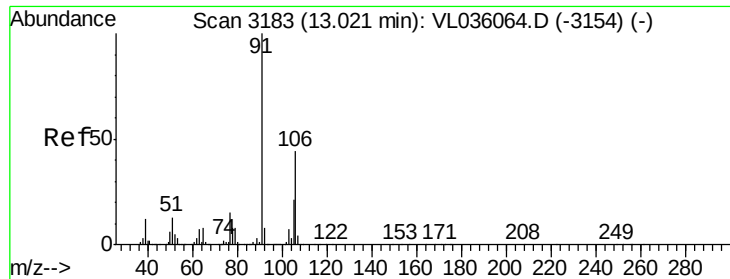
Ion Ratio Lower Upper

117 100

82 79.5 0.0 0.0#

119 33.4 0.0 0.0#





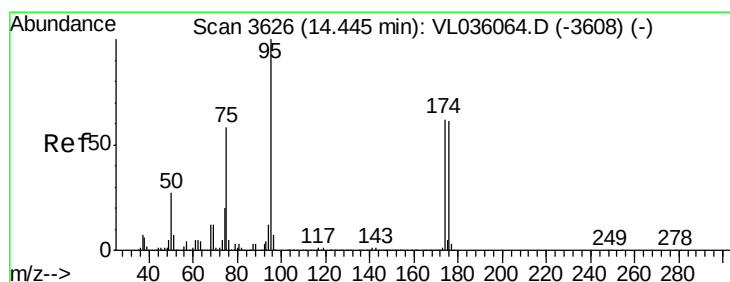
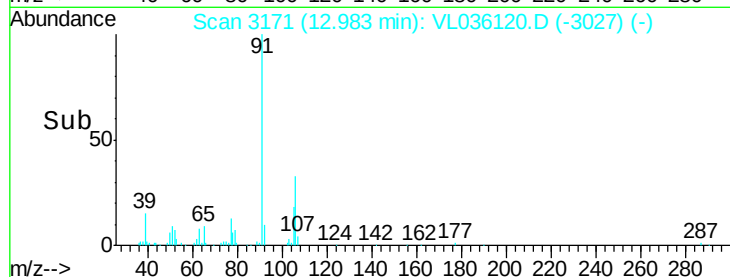
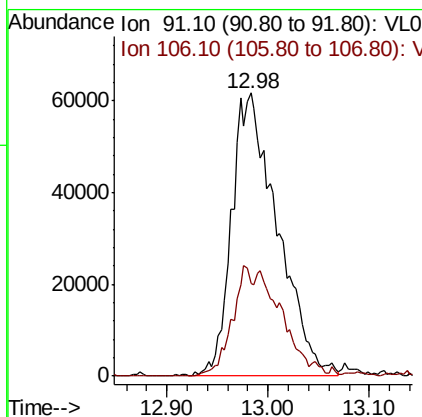
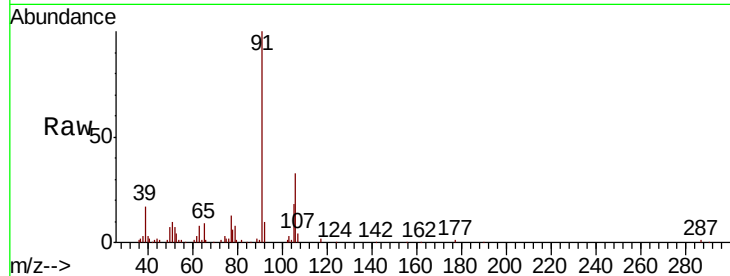
#59
m/p-Xylene
Concen: 0.826 ppbv m
RT: 12.98 min Scan# 3171
Delta R.T. -0.04 min
Lab File: VL036120.D
Acq: 9 Dec 2020 7:22

Instrument :
MSVOA_L
ClientSampleId :
SS-6BDL

Tot Ion: 91 Resp: 193356
Ion Ratio Lower Upper
91 100
106 0.0 33.6 50.4#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.779 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.02 min
Lab File: VL036120.D
Acq: 9 Dec 2020 7:22

Tgt Ion: 95 Resp: 1736807
Ion Ratio Lower Upper
95 100
174 56.9 50.7 76.1
175 4.2 4.0 6.0

