

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036111.D
 Acq On : 9 Dec 2020 1:40
 Operator : SY/AP
 Sample : L4948-09DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-8BDL

Manual Integrations
 APPROVED

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 12/11/2020 12:23:55 PM

Quant Time: Dec 09 08:42:37 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	1147112	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	2487726	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2205372	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1800925	10.28	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	25756m	2.850	ppbv	
15) Acetone	3.87	43	36549m	0.265	ppbv	
20) Methylene Chloride	4.35	84	33536	0.594	ppbv #	93
26) Hexane	5.69	57	14695m	0.119	ppbv	

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

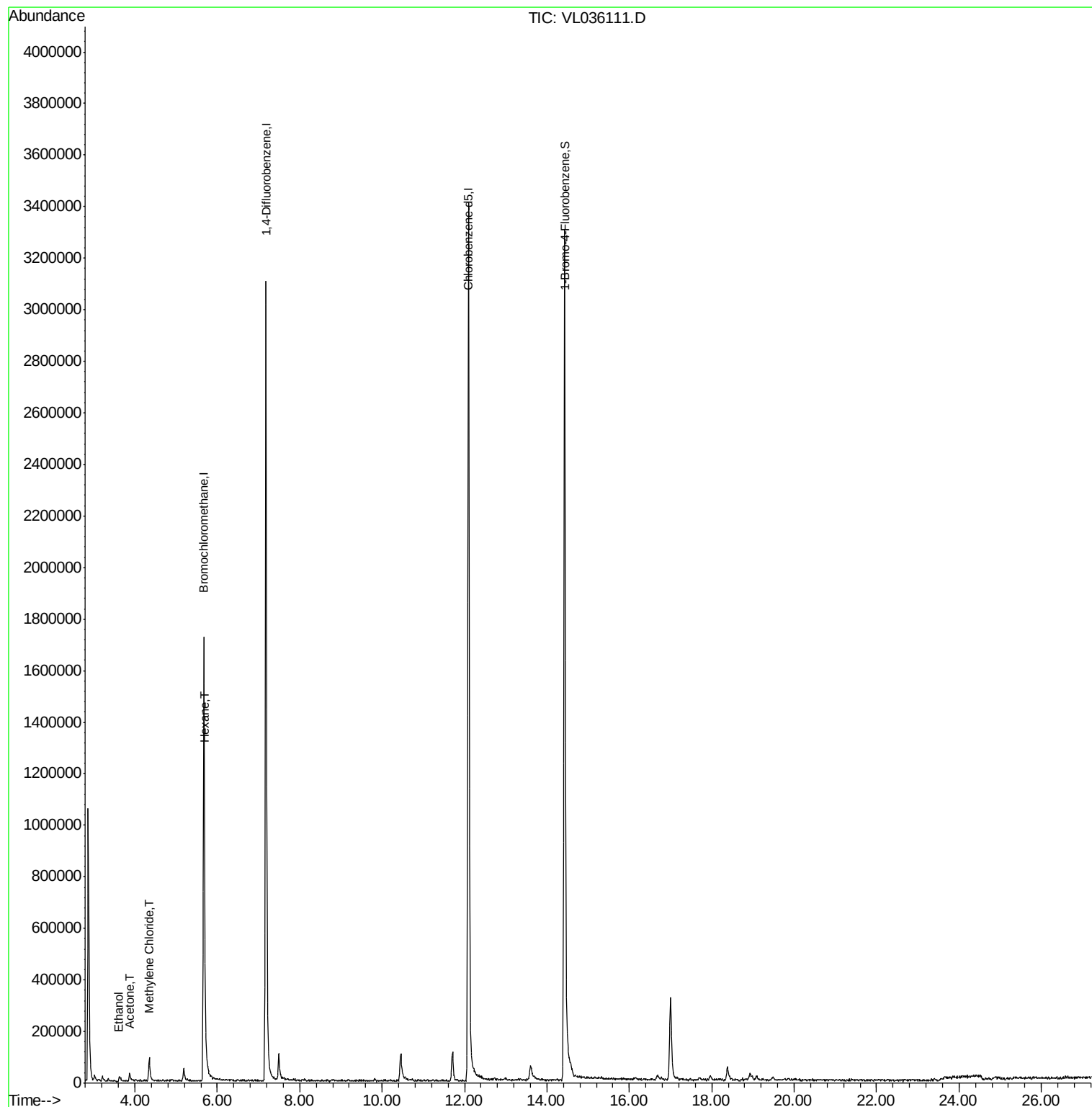
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120820\
Data File : VL036111.D
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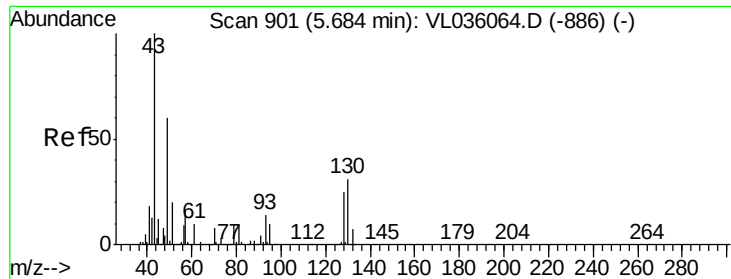
Instrument :
MSVOA_L
ClientSampleId :
SS-8BDL

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Quant Time: Dec 09 08:42:37 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: VL036111.D

Acq: 9 Dec 2020 1:40

Instrument :

MSVOA_L

ClientSampled :

SS-8BDL

Tot Ion: 49 Resp: 1147112

Ion Ratio Lower Upper

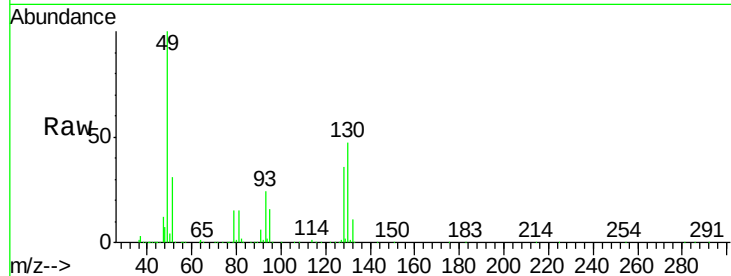
49 100

128 37.6 21.1 63.1

130 48.7 27.1 81.3

Manual Integrations
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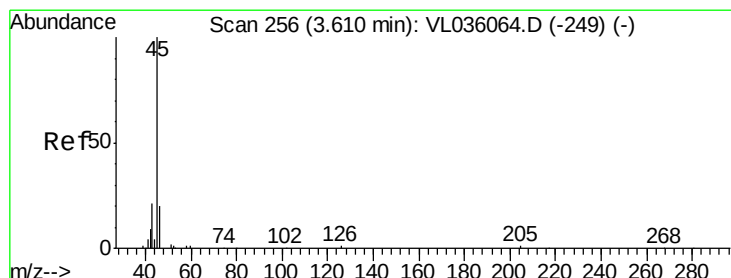
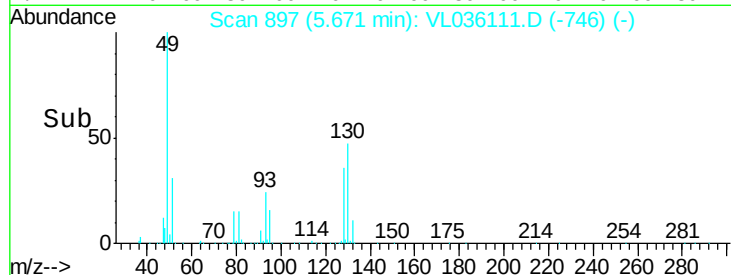
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.67

Time-->



#13

Ethanol

Concen: 2.850 ppbv m

RT: 3.62 min Scan# 258

Delta R.T. 0.01 min

Lab File: VL036111.D

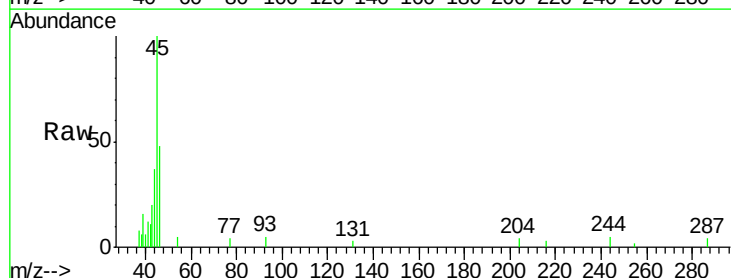
Acq: 9 Dec 2020 1:40

Tgt Ion: 45 Resp: 25756

Ion Ratio Lower Upper

45 100

46 0.0 19.0 75.8#

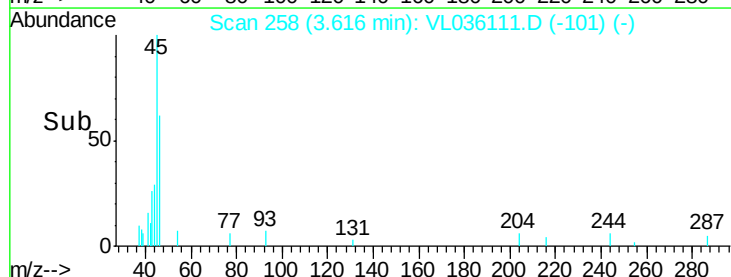


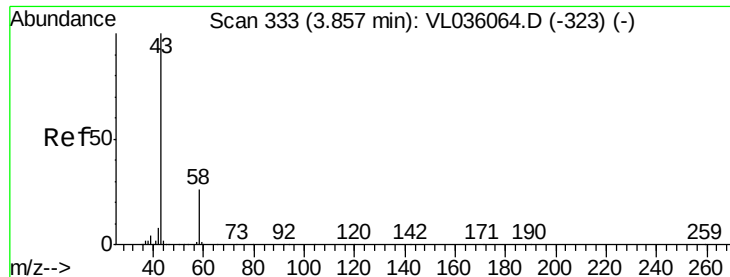
Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.62

Time-->





#15

Acetone

Concen: 0.265 ppbv m

RT: 3.87 min Scan# 336

Delta R.T. 0.01 min

Lab File: VL036111.D

Acq: 9 Dec 2020 1:40

Instrument :

MSVOA_L

ClientSampleId :

SS-8BDL

Tot Ion: 43 Resp: 36549

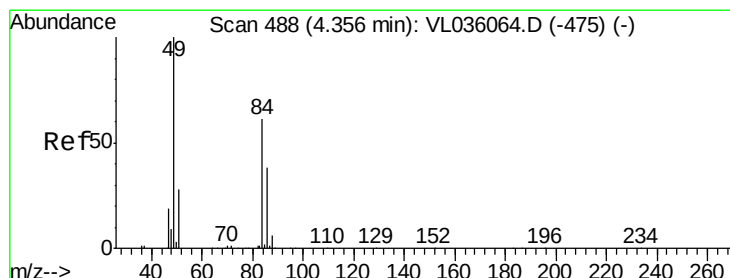
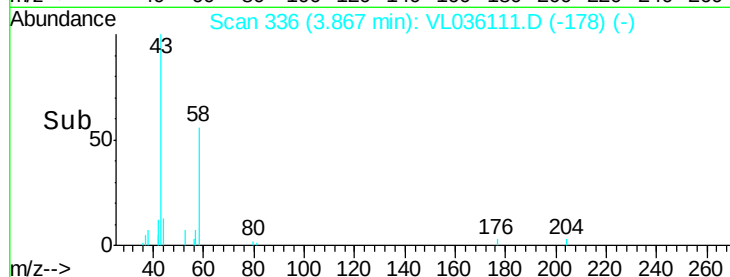
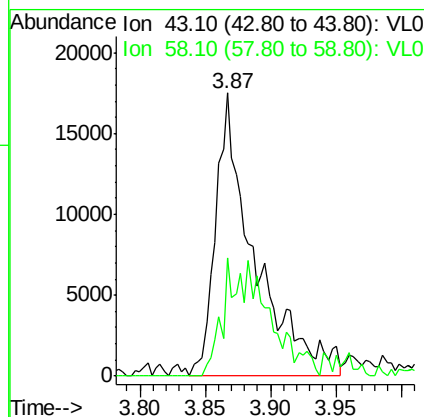
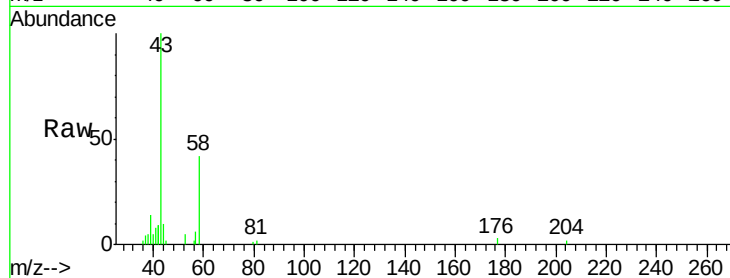
Ion Ratio Lower Upper

43 100

58 48.0 20.9 31.3#

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#20

Methylene Chloride

Concen: 0.594 ppbv

RT: 4.35 min Scan# 486

Delta R.T. -0.01 min

Lab File: VL036111.D

Acq: 9 Dec 2020 1:40

Tgt Ion: 84 Resp: 33536

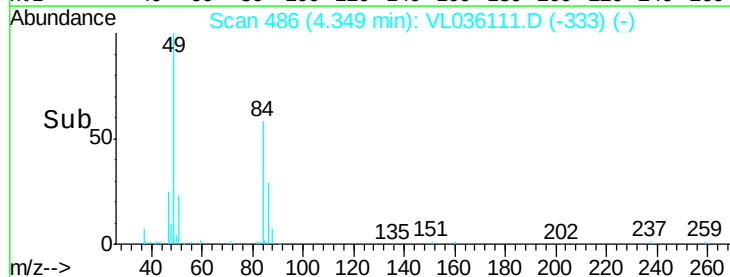
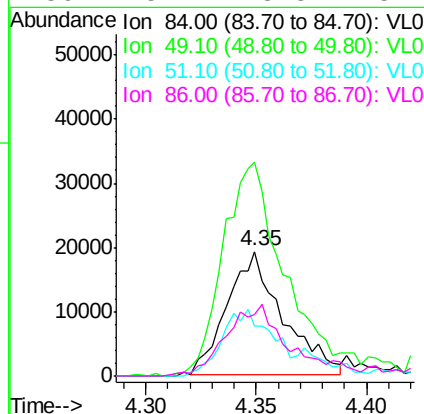
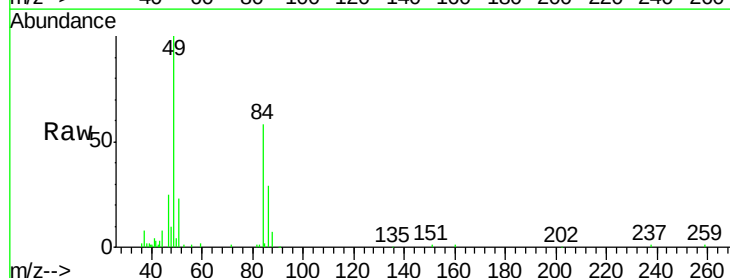
Ion Ratio Lower Upper

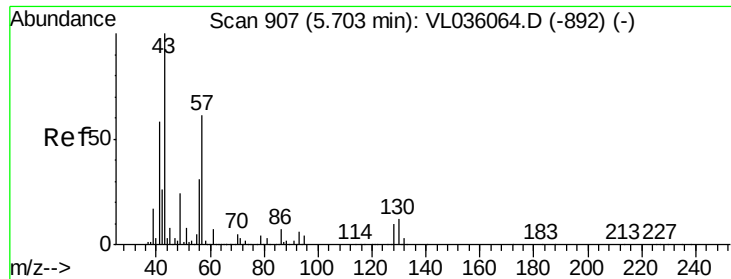
84 100

49 166.9 133.0 199.4

51 36.5 38.9 58.3#

86 48.7 48.8 73.2#





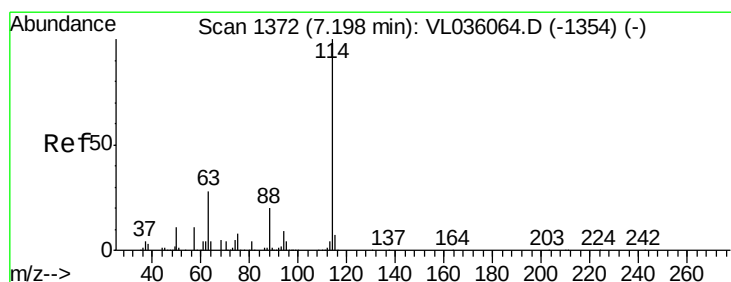
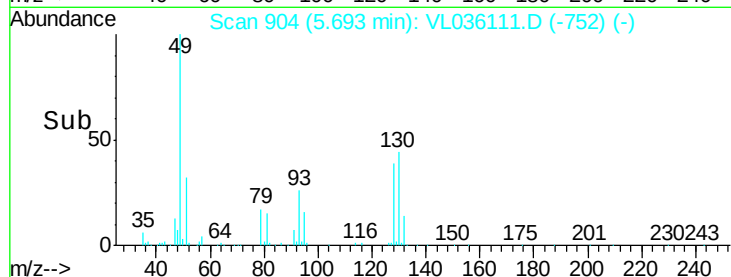
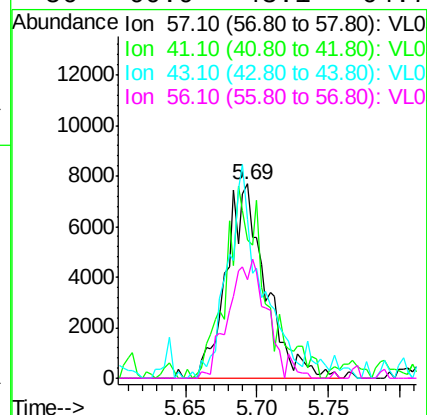
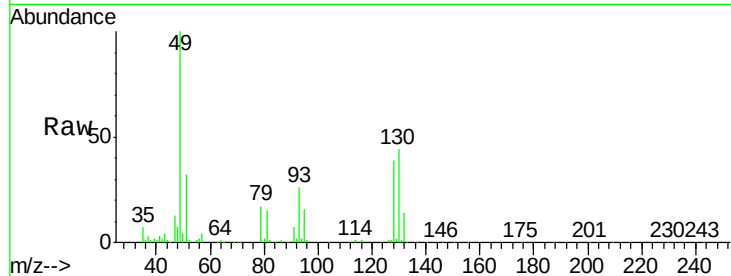
#26
Hexane
Concen: 0.119 ppbv m
RT: 5.69 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL036111.D
Acq: 9 Dec 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :
SS-8BDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	105.8	82.9	124.3
43	104.4	199.9	299.9#
56	60.9	43.1	64.7

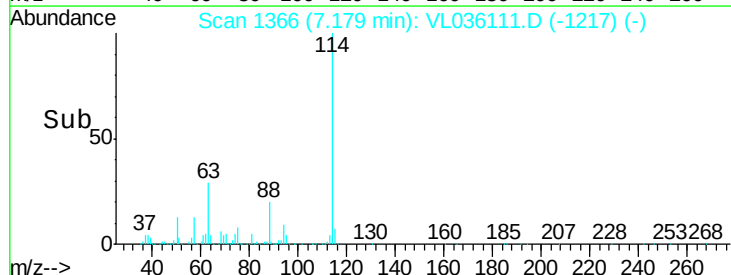
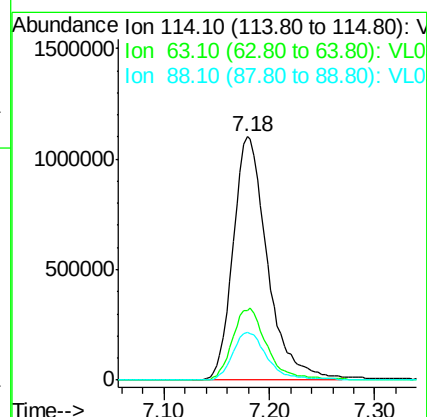
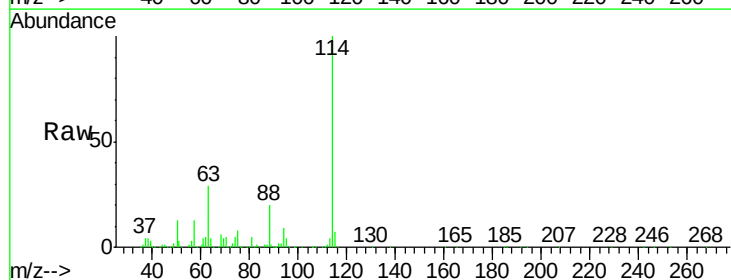
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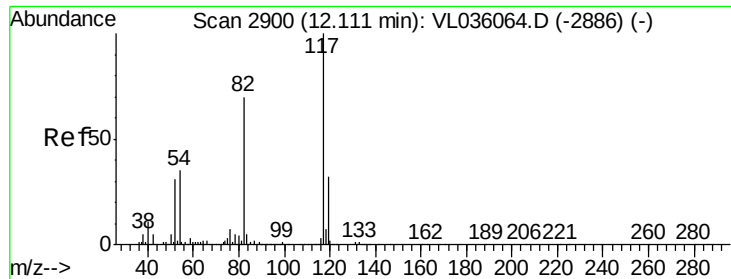
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VL036111.D
Acq: 9 Dec 2020 1:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	30.0	23.6	35.4
88	20.1	15.8	23.6





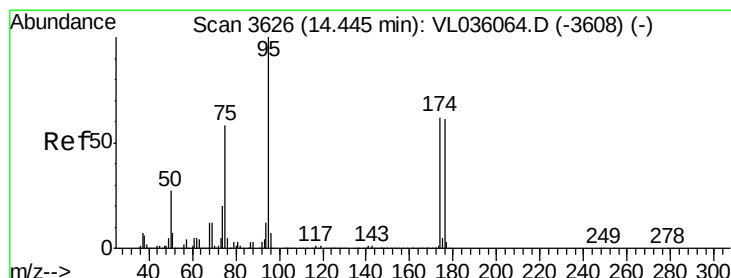
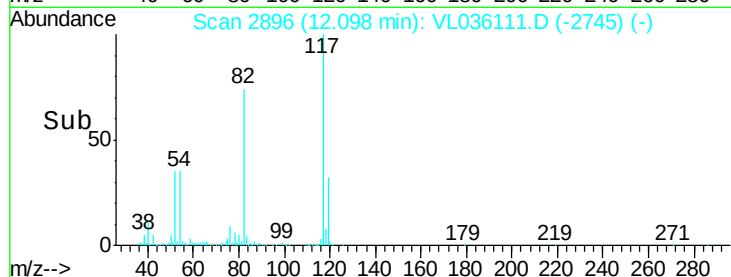
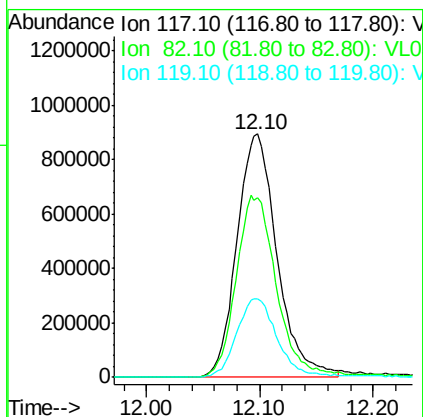
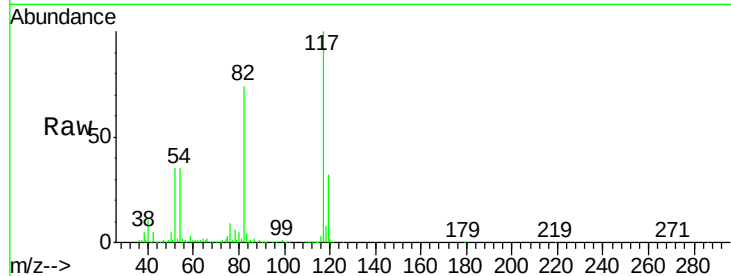
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.01 min
Lab File: VL036111.D
Acq: 9 Dec 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :
SS-8BDL

Tot Ion: 117 Resp: 2205372
Ion Ratio Lower Upper
117 100
82 76.9 0.0 0.0#
119 33.5 0.0 0.0#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.284 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. -0.02 min
Lab File: VL036111.D
Acq: 9 Dec 2020 1:40

Tgt Ion: 95 Resp: 1800925
Ion Ratio Lower Upper
95 100
174 60.6 50.7 76.1
175 4.6 4.0 6.0

