

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036082.D
 Acq On : 8 Dec 2020 2:25
 Operator : SY/AP
 Sample : L4948-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:53:51 AM

Quant Time: Dec 08 09:49:38 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	5.68	49	1276505	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2814623	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2540605	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2102022	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds					Ovalue
13) Ethanol	3.63	45	43835m	4.358	ppbv
15) Acetone	3.88	43	46729m	0.305	ppbv
20) Methylene Chloride	4.36	84	34623m	0.551	ppbv
26) Hexane	5.71	57	22224m	0.161	ppbv

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

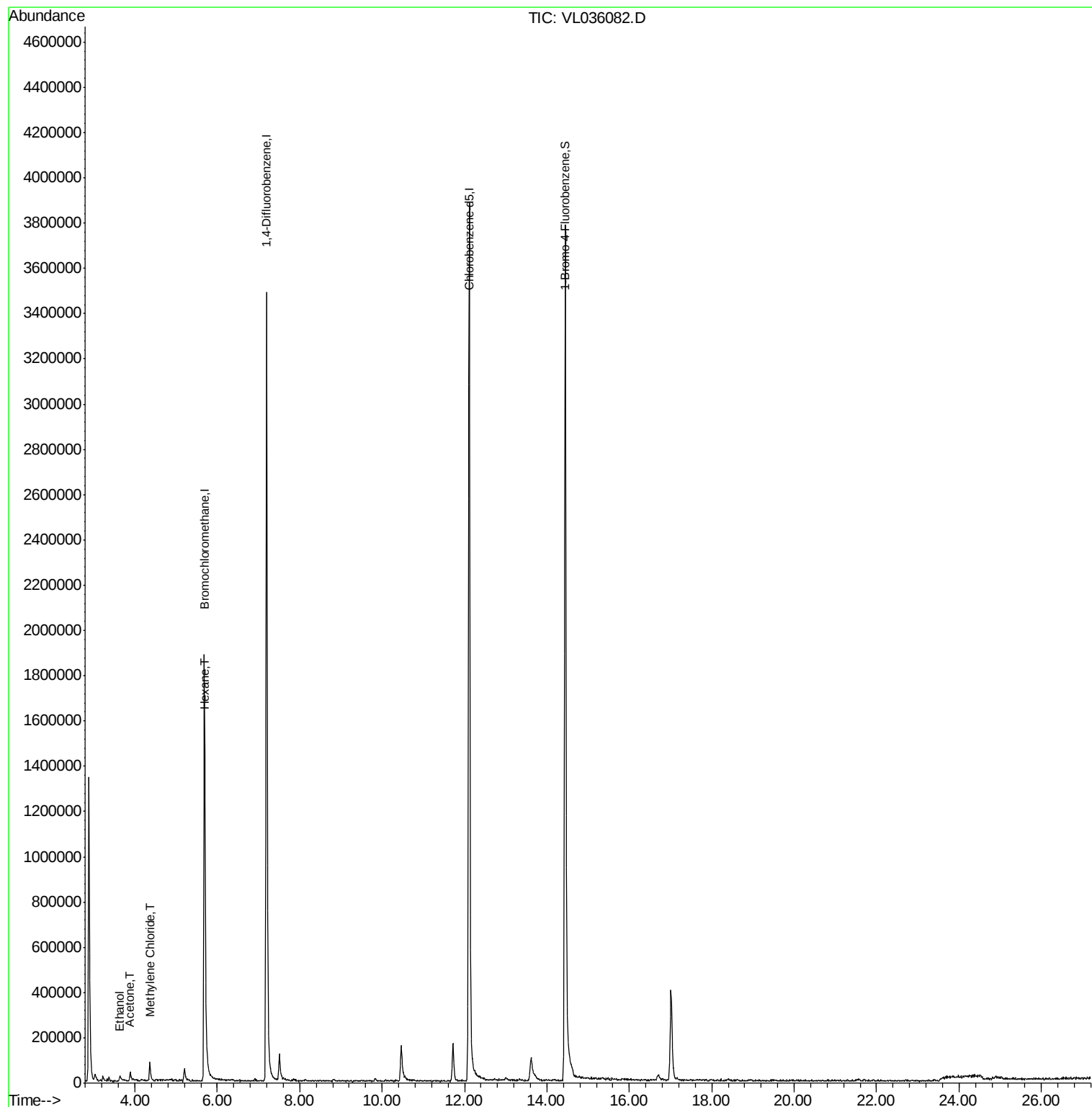
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Data File : VL036082.D
Acq On : 8 Dec 2020 2:25
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

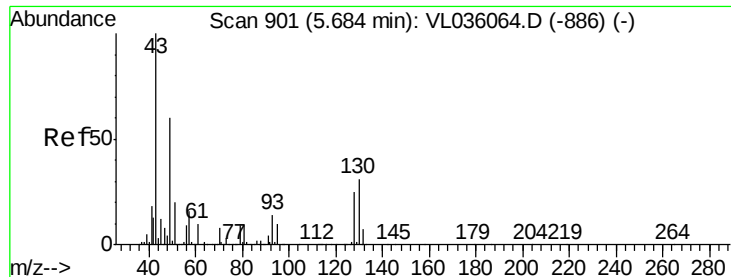
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.00 min

Lab File: VL036082.D

Acq: 8 Dec 2020 2:25

Instrument :

MSVOA_L

ClientSampleId :

AA-1DL

Tot Ion: 49 Resp: 1276505

Ion Ratio Lower Upper

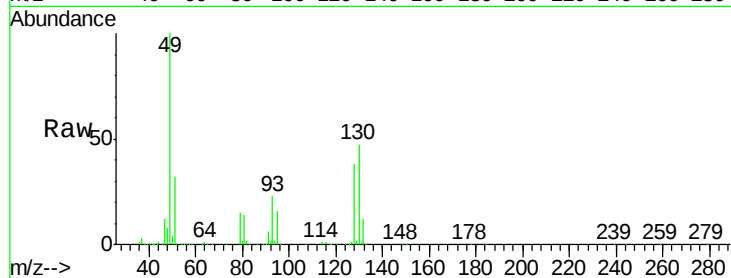
49 100

128 40.4 21.1 63.1

130 49.7 27.1 81.3

Manual Integrations
APPROVED

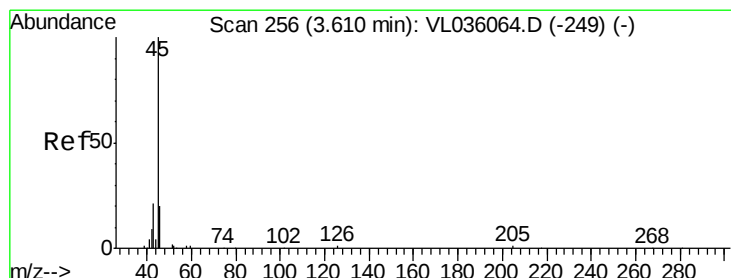
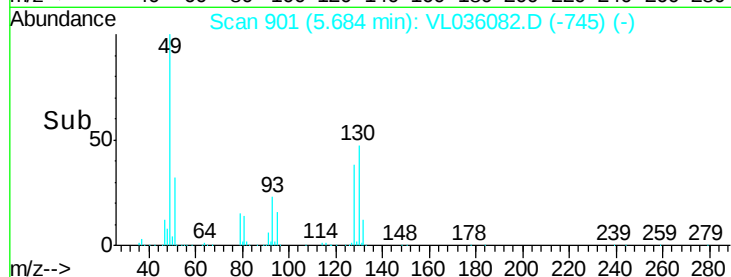
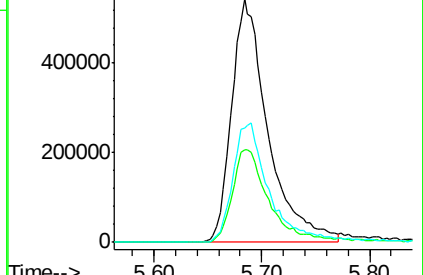
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 4.358 ppbv m

RT: 3.63 min Scan# 263

Delta R.T. 0.02 min

Lab File: VL036082.D

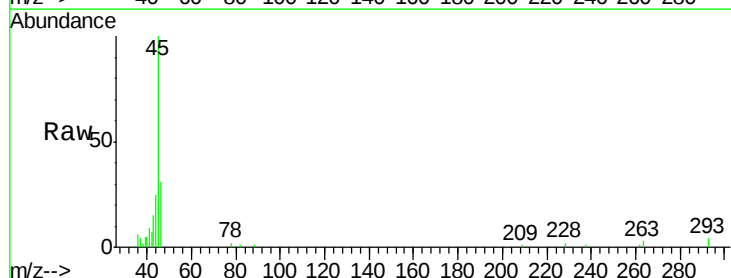
Acq: 8 Dec 2020 2:25

Tgt Ion: 45 Resp: 43835

Ion Ratio Lower Upper

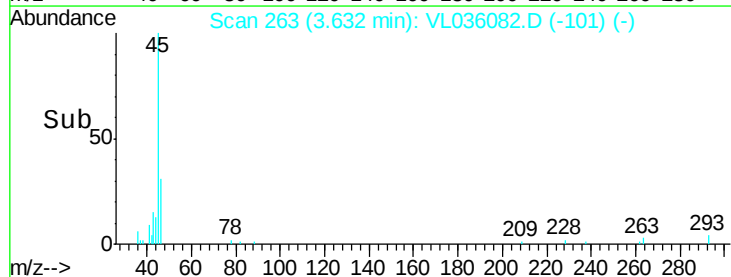
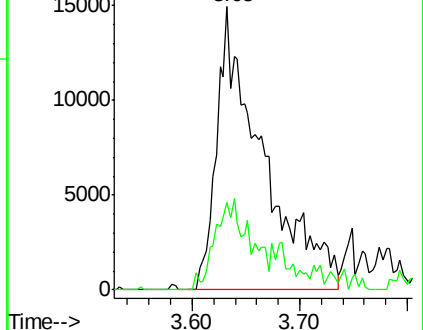
45 100

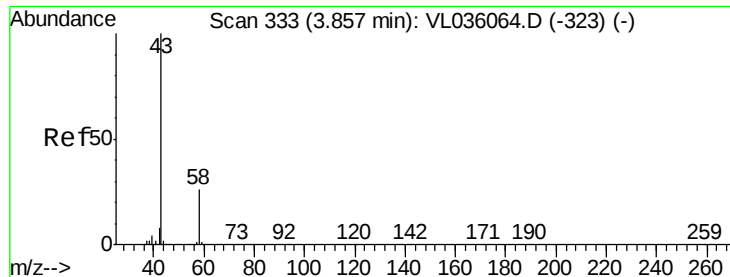
46 0.0 19.0 75.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





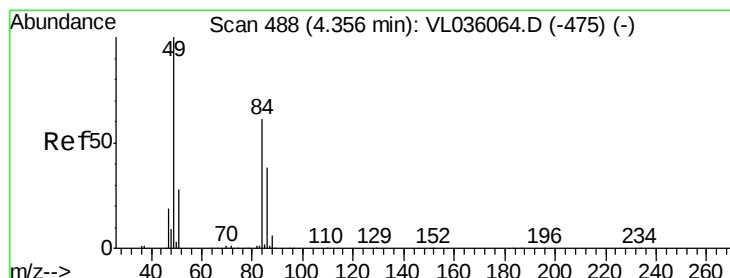
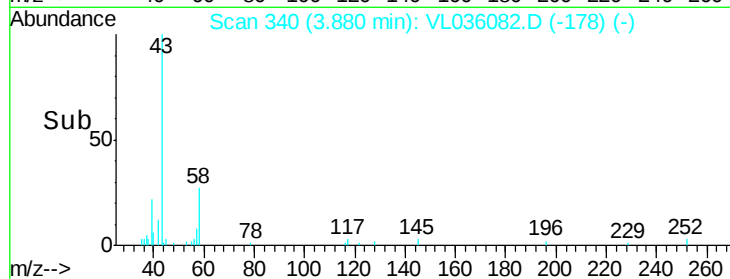
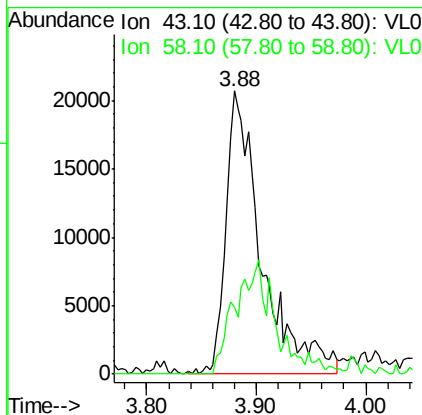
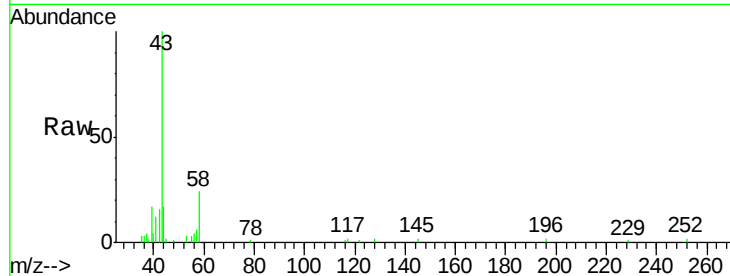
#15
Acetone
Concen: 0.305 ppbv m
RT: 3.88 min Scan# 340
Delta R.T. 0.02 min
Lab File: VL036082.D
Acq: 8 Dec 2020 2:25

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tot Ion: 43 Resp: 46729
Ion Ratio Lower Upper
43 100
58 0.0 20.9 31.3#

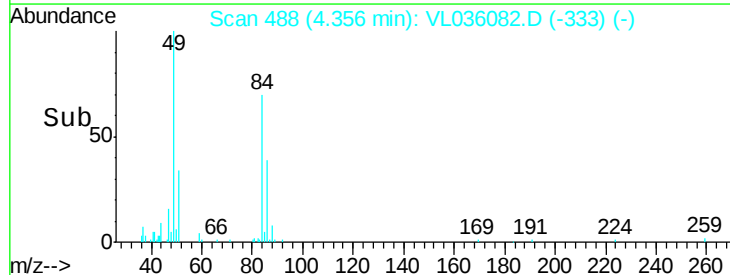
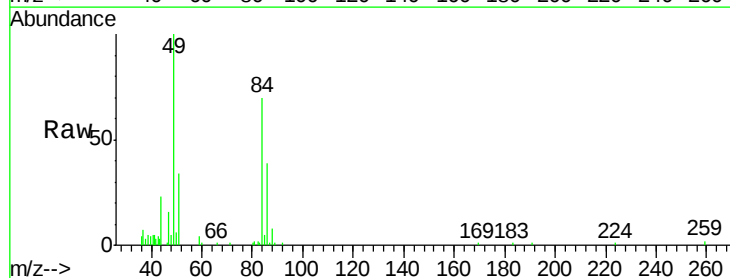
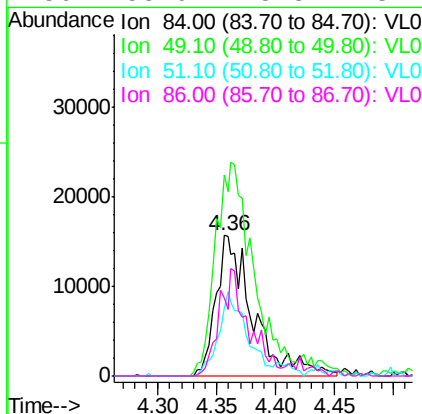
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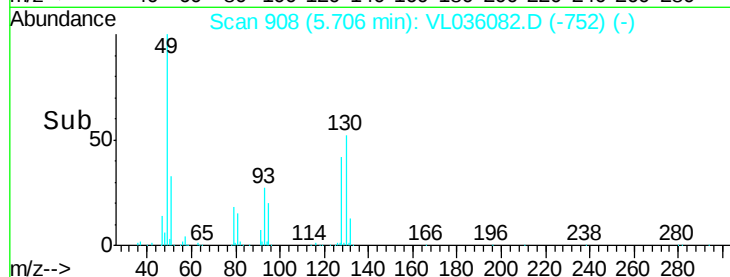
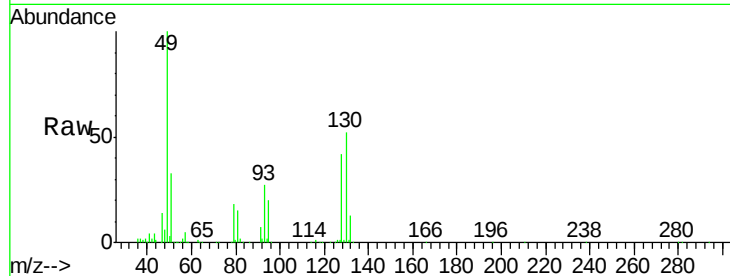
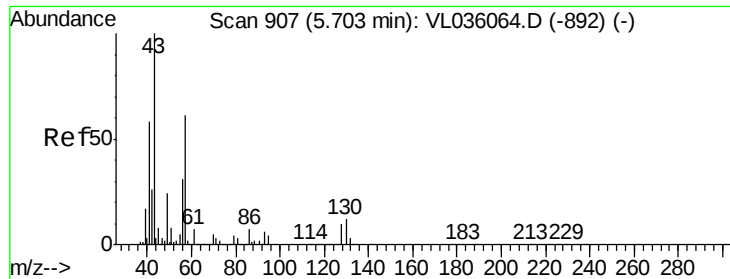
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#20
Methylene Chloride
Concen: 0.551 ppbv m
RT: 4.36 min Scan# 488
Delta R.T. -0.00 min
Lab File: VL036082.D
Acq: 8 Dec 2020 2:25

Tgt Ion: 84 Resp: 34623
Ion Ratio Lower Upper
84 100
49 143.0 133.0 199.4
51 48.1 38.9 58.3
86 55.9 48.8 73.2





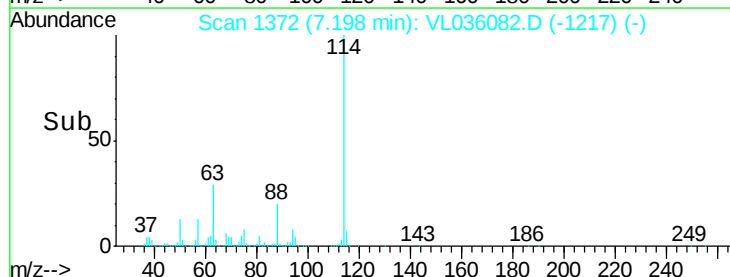
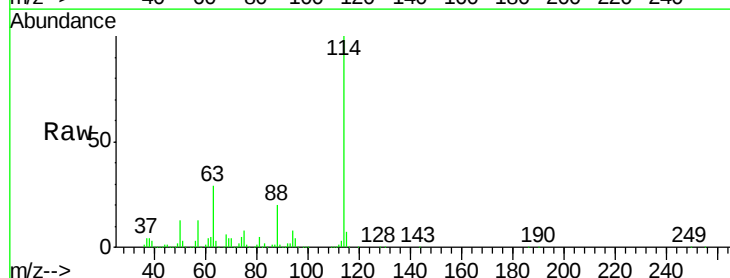
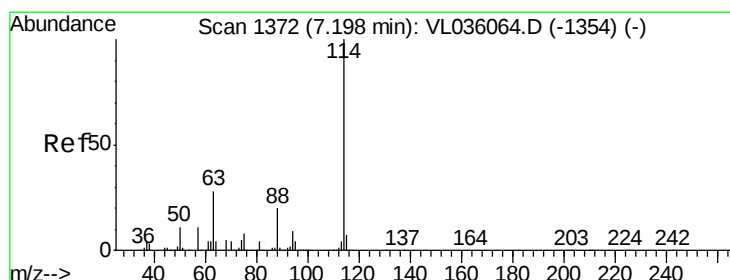
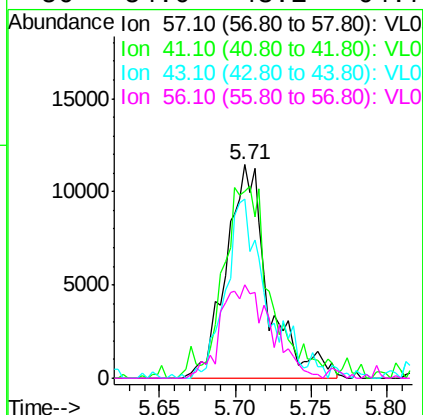
#26
Hexane
Concen: 0.161 ppbv m
RT: 5.71 min Scan# 908
Delta R.T. 0.00 min
Lab File: VL036082.D
Acq: 8 Dec 2020 2:25

Tot Ion	Ratio	Lower	Upper
57	100		
41	105.9	82.9	124.3
43	82.9	199.9	299.9#
56	54.0	43.1	64.7

Instrument :
MSVOA_L
ClientSampled :
AA-1DL

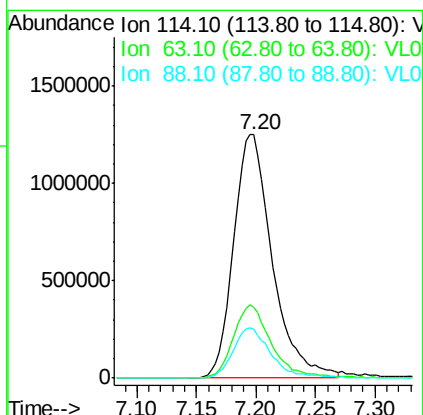
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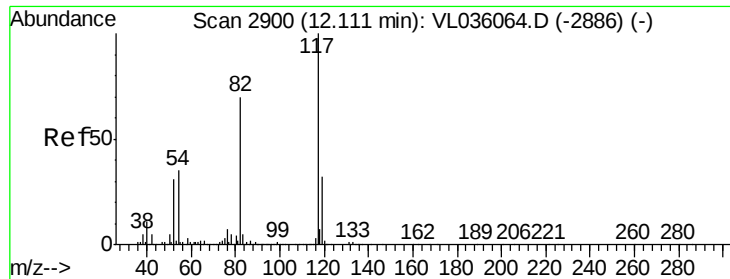
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.00 min
Lab File: VL036082.D
Acq: 8 Dec 2020 2:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.9	23.6	35.4
88	20.5	15.8	23.6





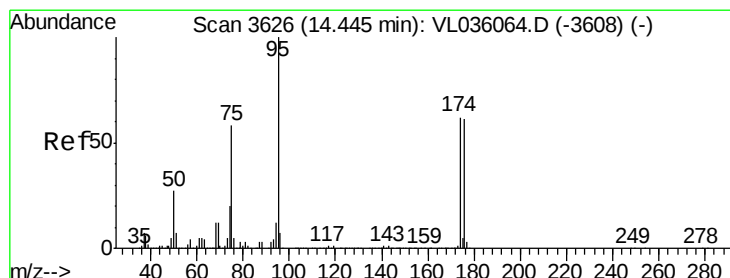
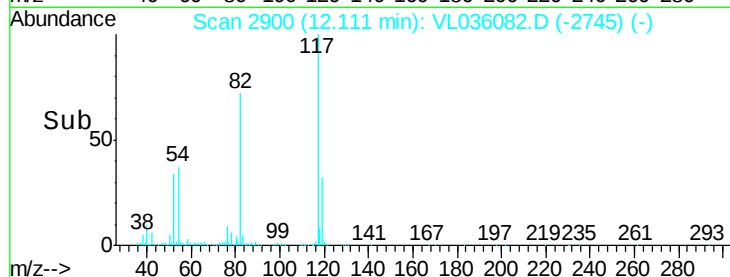
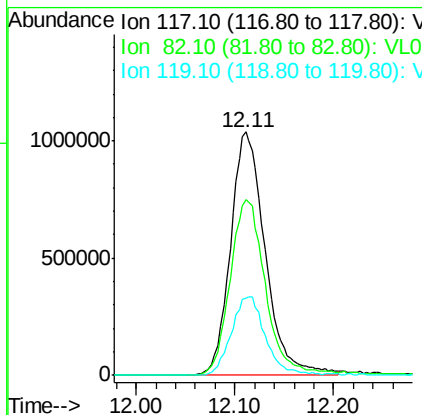
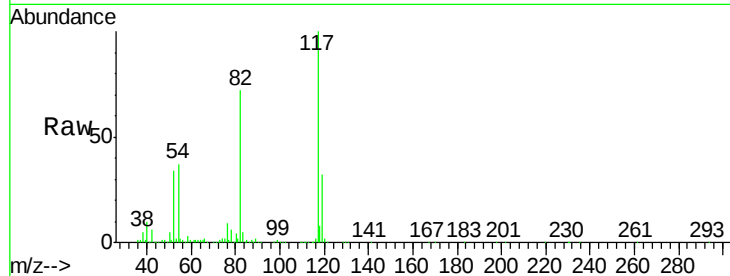
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL036082.D
Acq: 8 Dec 2020 2:25

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	75.1	0.0	0.0#
119	32.5	0.0	0.0#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.420 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.00 min
Lab File: VL036082.D
Acq: 8 Dec 2020 2:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	58.9	50.7	76.1
175	4.3	4.0	6.0

