

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036080.D
 Acq On : 8 Dec 2020 1:06
 Operator : SY/AP
 Sample : L4948-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1BDL

Manual Integrations
 APPROVED

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 12/11/2020 5:45:18 PM

Quant Time: Dec 08 21:21:48 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	1310893	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2827931	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2549566	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2059428	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	287407m	27.826	ppbv	
15) Acetone	3.86	43	72798	0.462	ppbv #	64
20) Methylene Chloride	4.35	84	204693	3.171	ppbv	95
26) Hexane	5.70	57	93761m	0.662	ppbv	

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

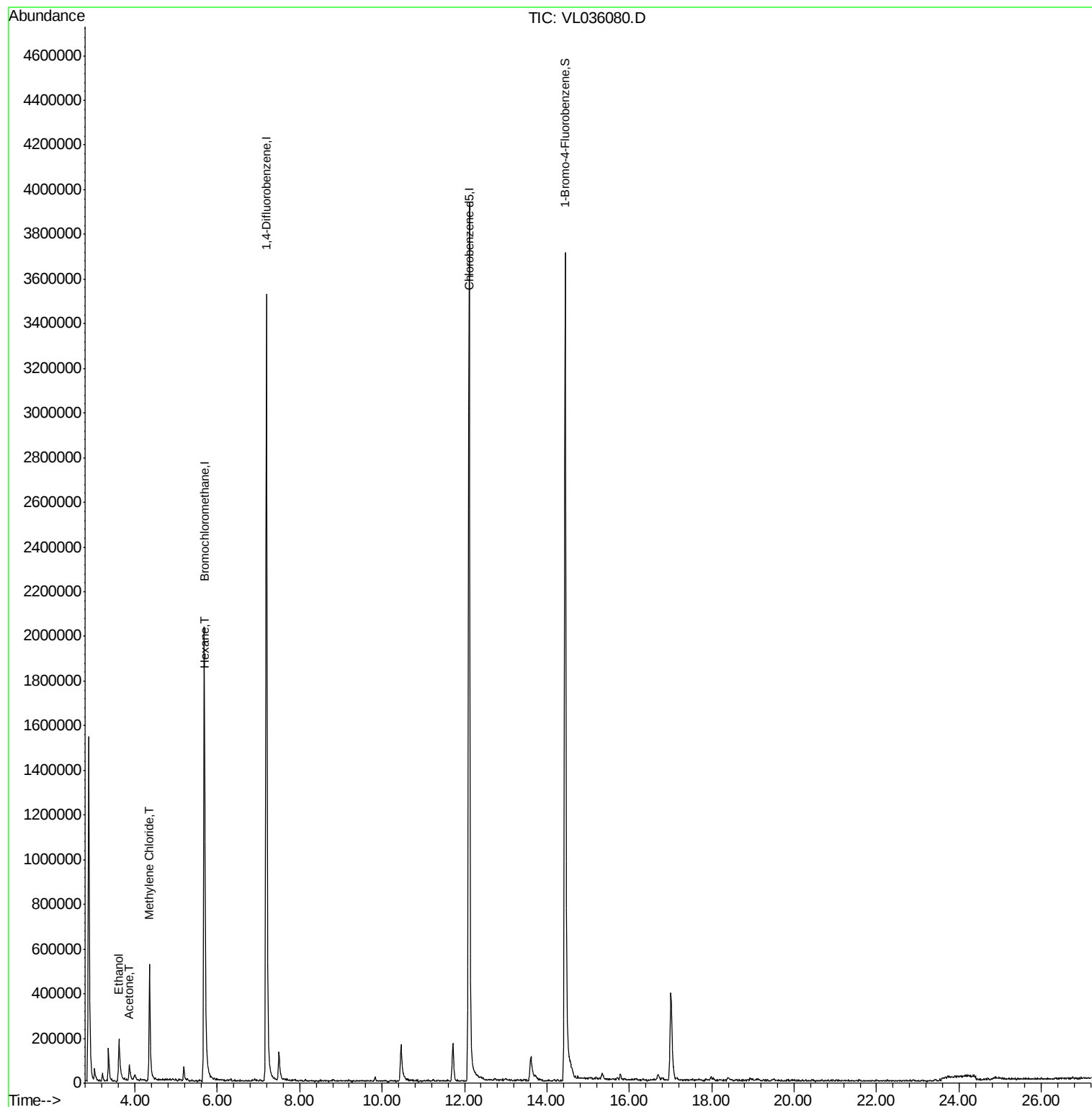
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Data File : VL036080.D
Acq On : 8 Dec 2020 1:06
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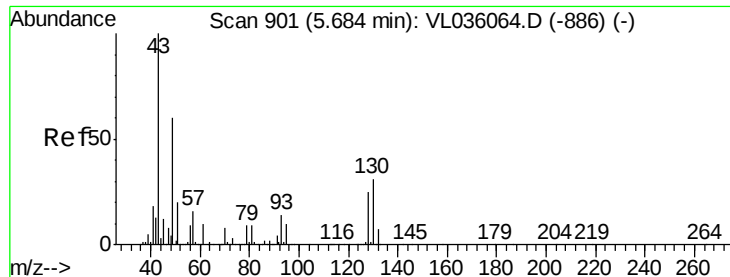
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.01 min

Lab File: VL036080.D

Acq: 8 Dec 2020 1:06

Instrument :

MSVOA_L

ClientSampled :

IA-1BDL

Tot Ion: 49 Resp: 1310893

Ion Ratio Lower Upper

49 100

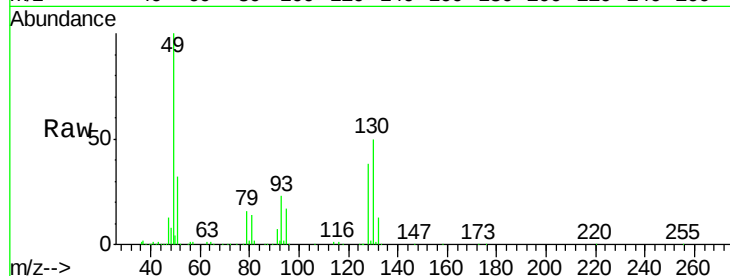
128 38.9 21.1 63.1

130 48.6 27.1 81.3

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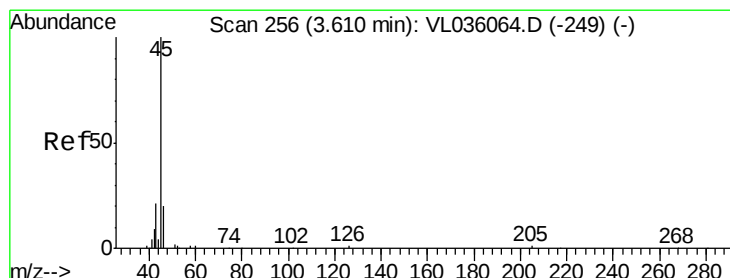
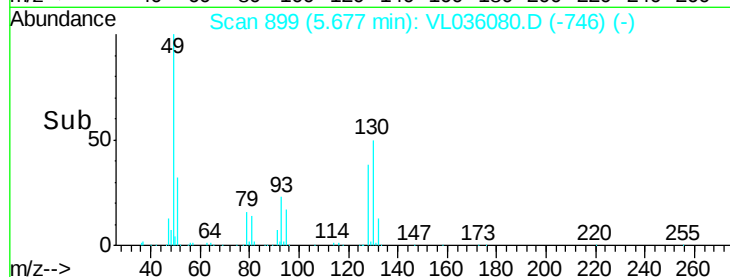
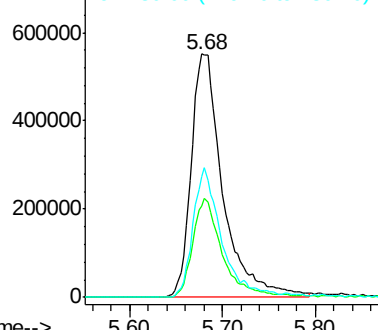
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 27.826 ppbv m

RT: 3.61 min Scan# 256

Delta R.T. -0.00 min

Lab File: VL036080.D

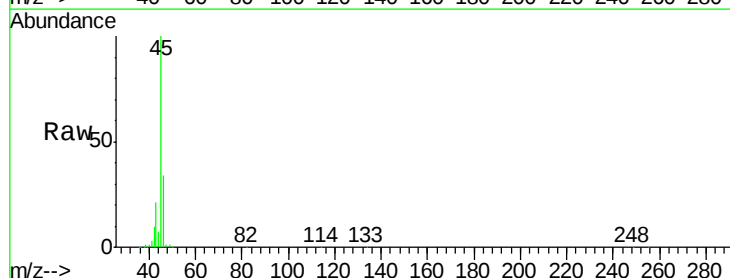
Acq: 8 Dec 2020 1:06

Tgt Ion: 45 Resp: 287407

Ion Ratio Lower Upper

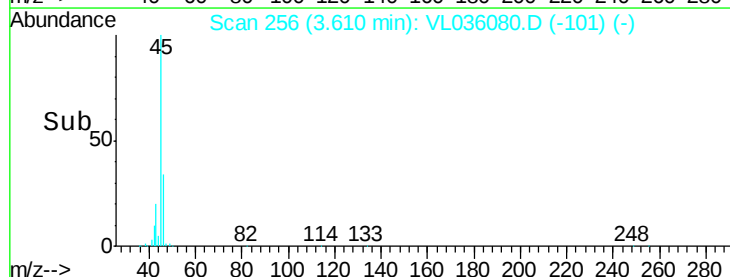
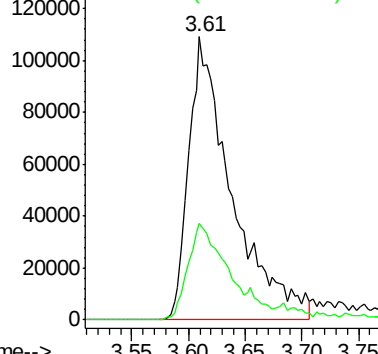
45 100

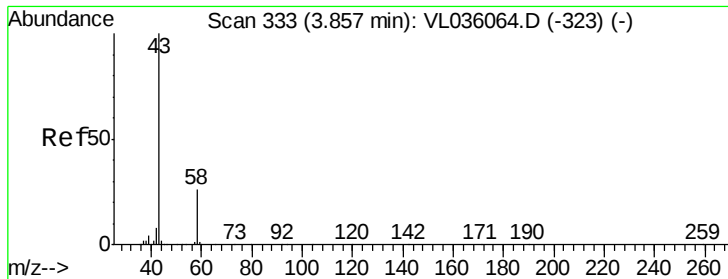
46 36.6 19.0 75.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





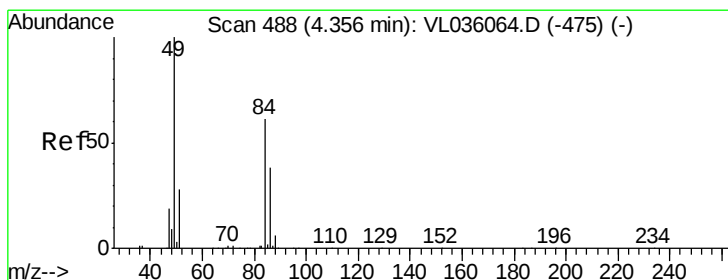
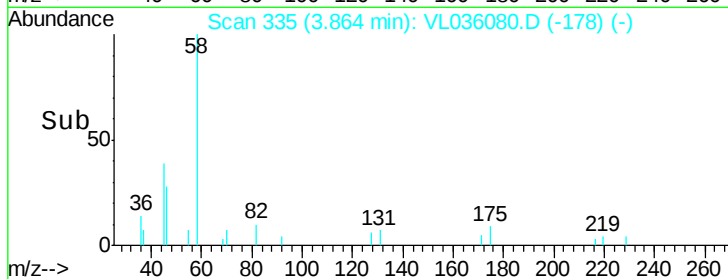
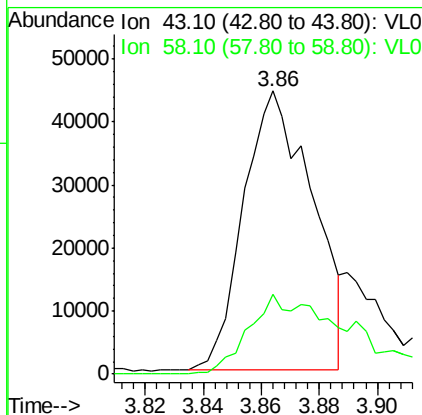
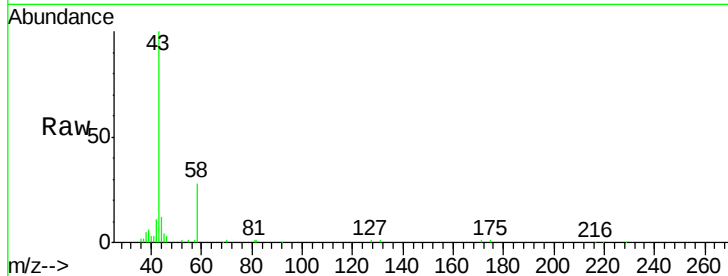
#15
Acetone
Concen: 0.462 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL036080.D
Acq: 8 Dec 2020 1:06

Instrument :
MSVOA_L
ClientSampleId :
IA-1BDL

Tot Ion: 43 Resp: 72798
Ion Ratio Lower Upper
43 100
58 44.2 20.9 31.3#

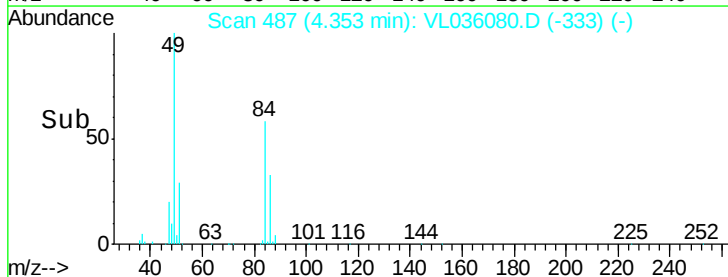
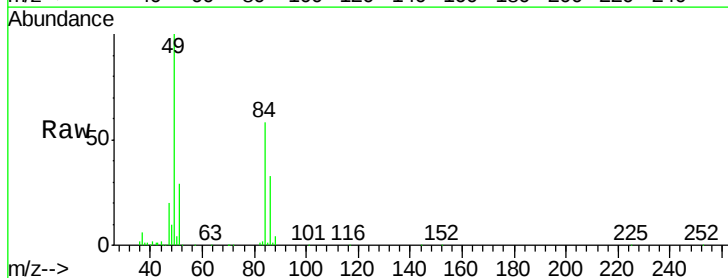
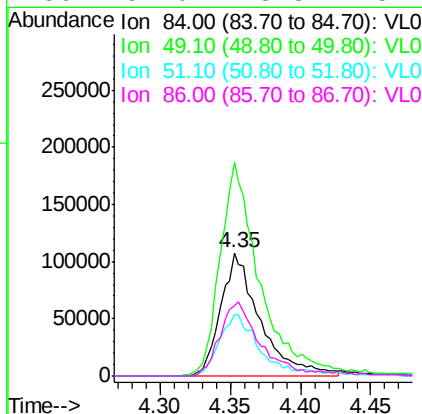
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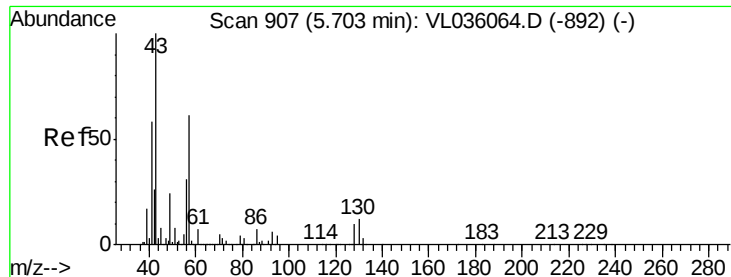
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#20
Methylene Chloride
Concen: 3.171 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL036080.D
Acq: 8 Dec 2020 1:06

Tgt Ion: 84 Resp: 204693
Ion Ratio Lower Upper
84 100
49 173.0 133.0 199.4
51 50.2 38.9 58.3
86 57.0 48.8 73.2





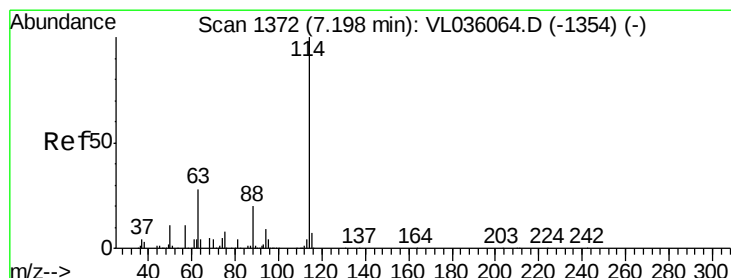
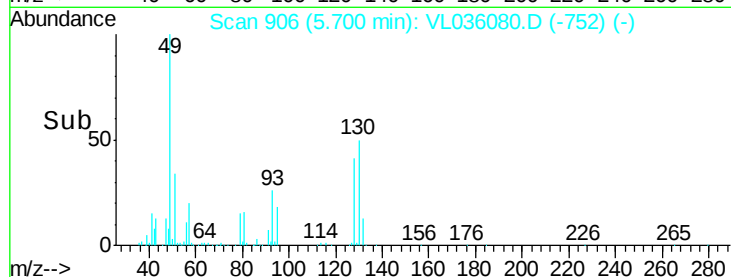
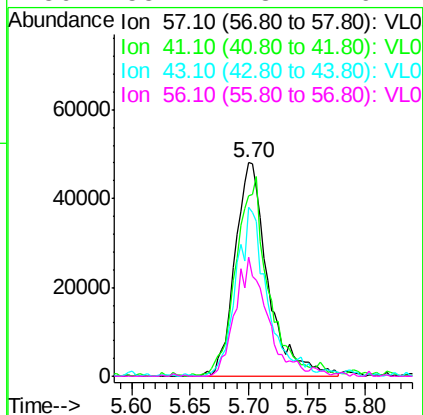
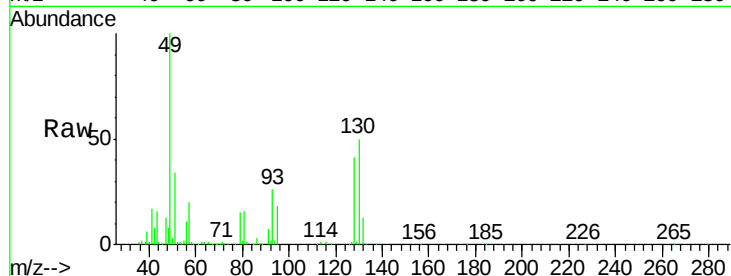
#26
Hexane
Concen: 0.662 ppbv m
RT: 5.70 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL036080.D
Acq: 8 Dec 2020 1:06

Instrument :
MSVOA_L
ClientSampled :
IA-1BDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	95.1	82.9	124.3
43	77.9	199.9	299.9#
56	55.7	43.1	64.7

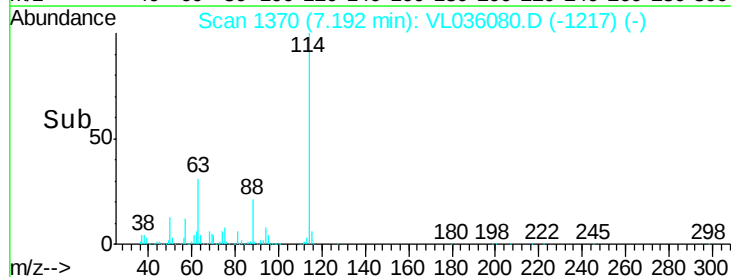
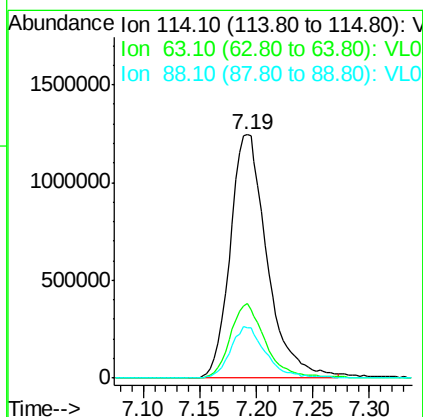
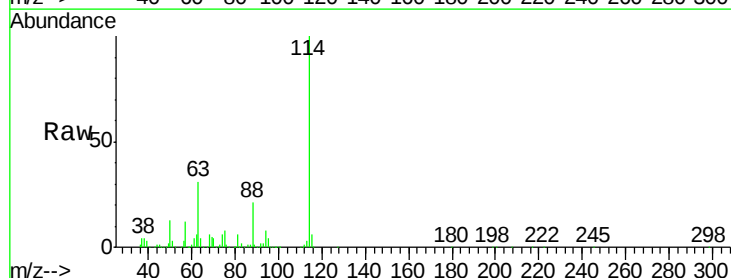
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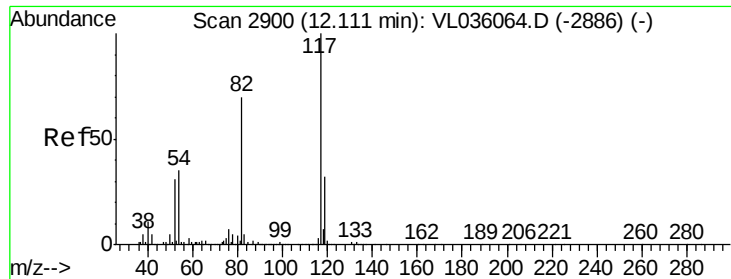
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VL036080.D
Acq: 8 Dec 2020 1:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.8	23.6	35.4
88	20.4	15.8	23.6





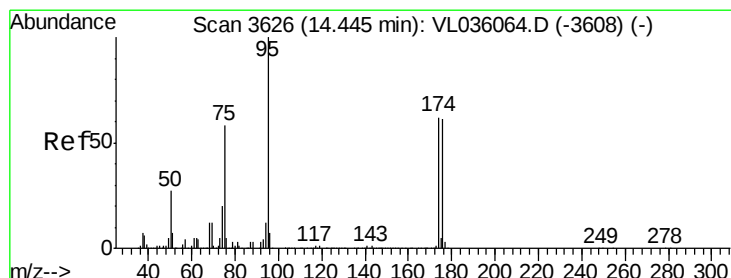
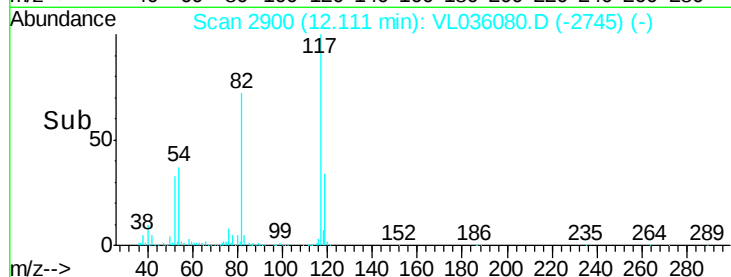
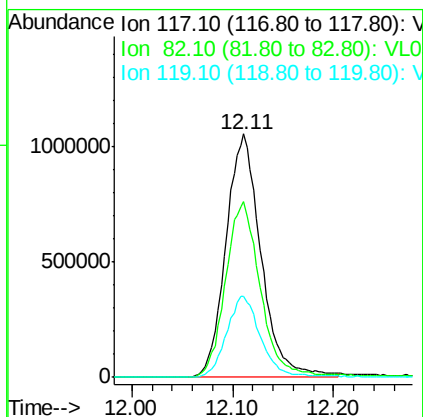
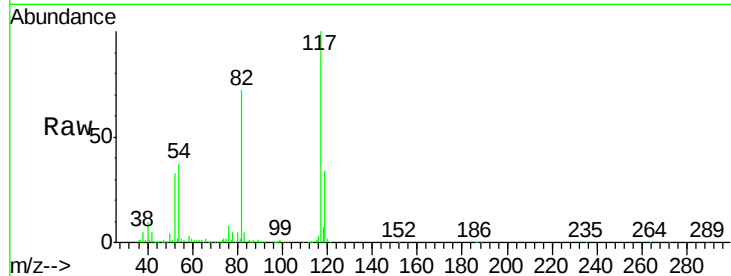
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL036080.D
Acq: 8 Dec 2020 1:06

Instrument :
MSVOA_L
ClientSampleId :
IA-1BDL

Tot Ion:117 Resp: 2549566
Ion Ratio Lower Upper
117 100
82 73.8 0.0 0.0#
119 32.8 0.0 0.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.173 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL036080.D
Acq: 8 Dec 2020 1:06

Tgt Ion: 95 Resp: 2059428
Ion Ratio Lower Upper
95 100
174 61.3 50.7 76.1
175 4.7 4.0 6.0

