

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036153.D
 Acq On : 11 Dec 2020 7:21
 Operator : SY/AP
 Sample : L5005-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 48-1DL

Manual Integrations
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Quant Time: Dec 11 12:11:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.65	49	1327853	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2540379	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2299495	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2010728	11.01	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.10%

Target Compounds					Ovalue
13) Ethanol	3.58	45	553166m	52.872	ppbv
15) Acetone	3.84	43	147939m	0.927	ppbv
20) Methylene Chloride	4.32	84	15015m	0.230	ppbv

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

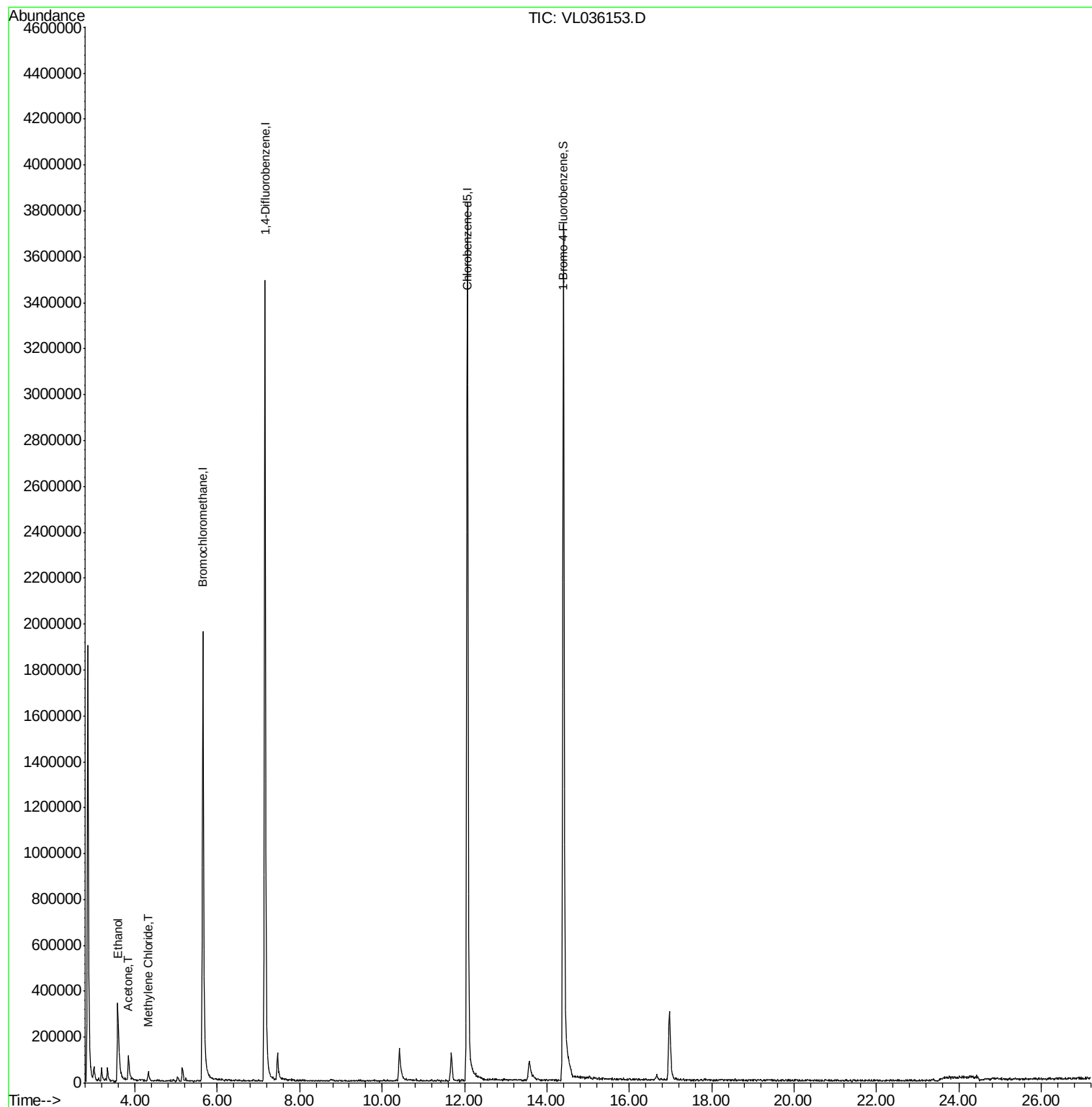
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121020\
Data File : VL036153.D
Acq On : 11 Dec 2020 7:21
Operator : SY/AP
Sample : L5005-01DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

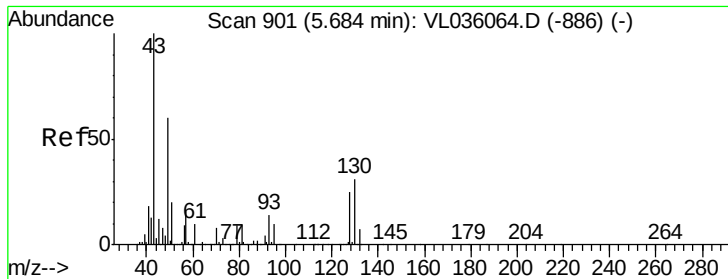
Instrument :
MSVOA_L
ClientSampleId :
48-1DL

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12/15/2020 4:52:03 PM

Quant Time: Dec 11 12:11:52 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

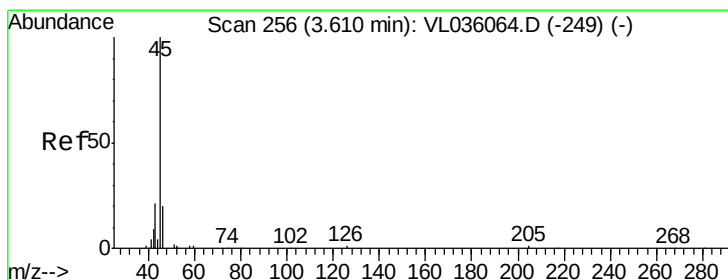
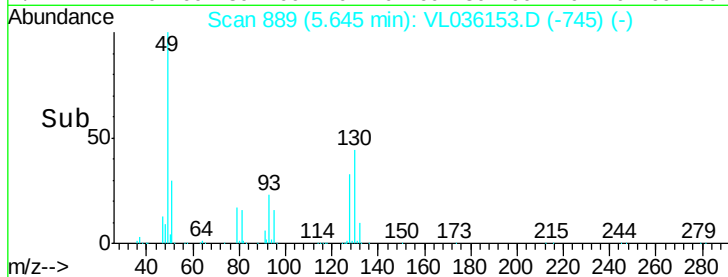
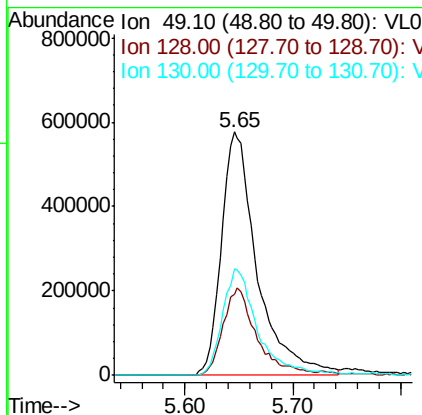
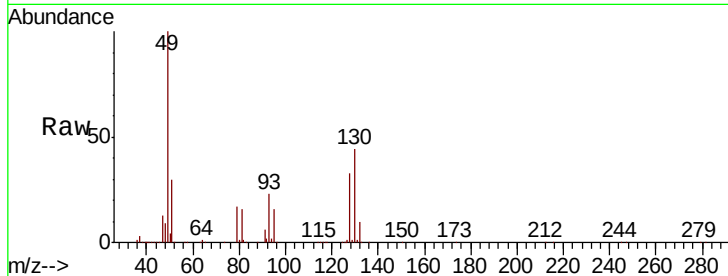
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 889
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Instrument :
 MSVOA_L
 ClientSampled :
 48-1DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	35.5	21.1	63.1
130	44.3	27.1	81.3

Manual Integrations
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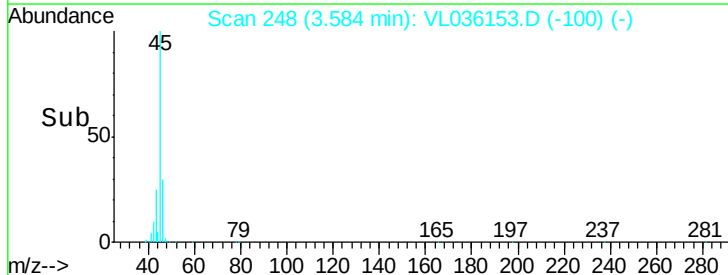
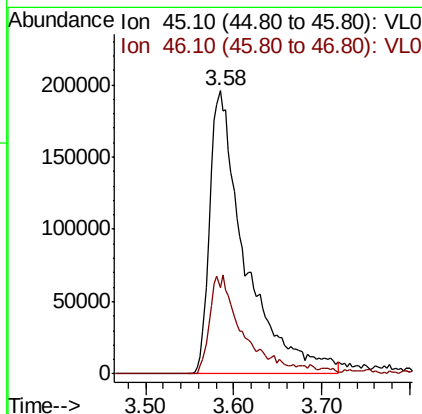
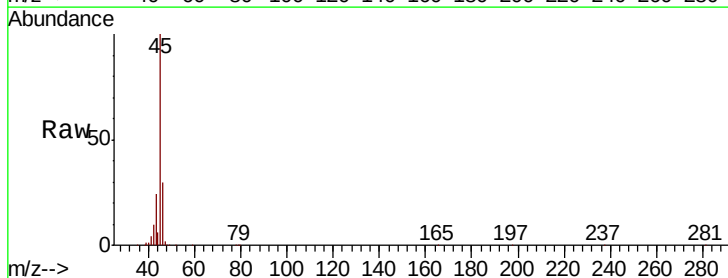
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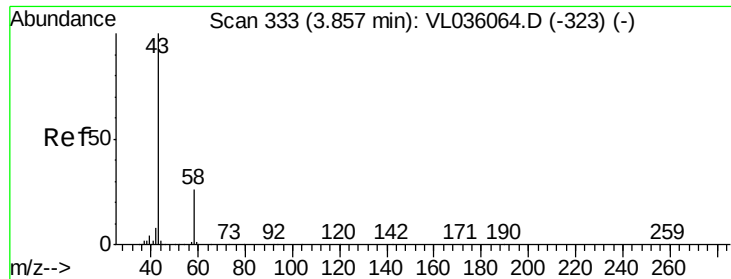


#13

Ethanol
 Concen: 52.872 ppbv m
 RT: 3.58 min Scan# 248
 Delta R.T. -0.03 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tgt Ion	Ratio	Lower	Upper
45	100		
46	34.9	19.0	75.8





#15

Acetone

Concen: 0.927 ppbv m

RT: 3.84 min Scan# 327

Delta R.T. -0.02 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Instrument :

MSVOA_L

ClientSampleId :

48-1DL

Tot Ion: 43 Resp: 147939

Ion Ratio Lower Upper

43 100

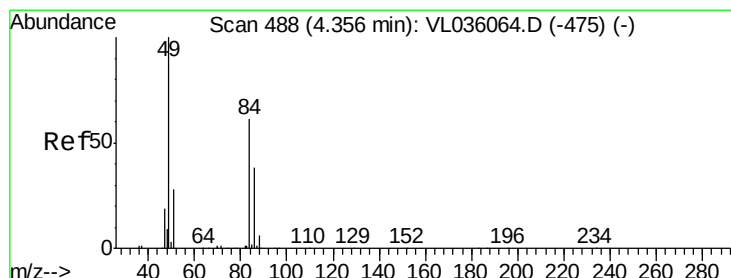
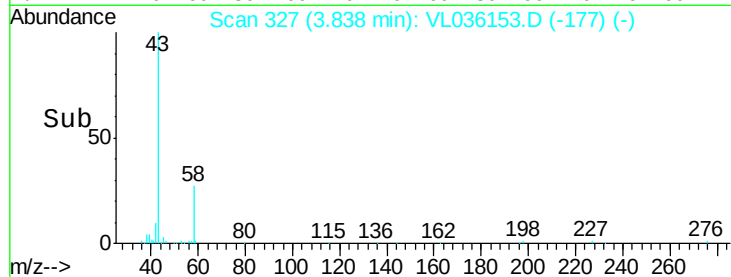
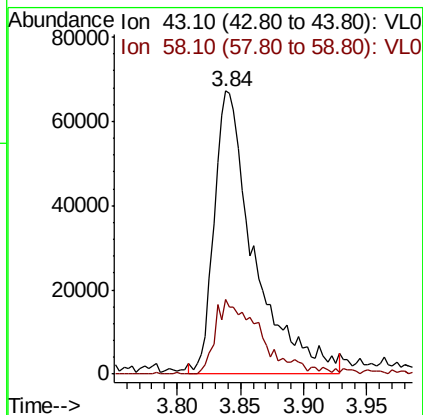
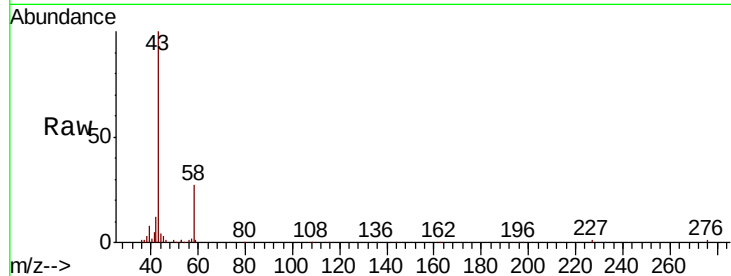
58 29.8 20.9 31.3

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#20

Methylene Chloride

Concen: 0.230 ppbv m

RT: 4.32 min Scan# 478

Delta R.T. -0.03 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tgt Ion: 84 Resp: 15015

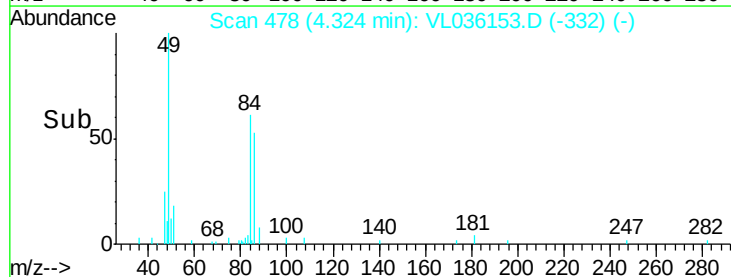
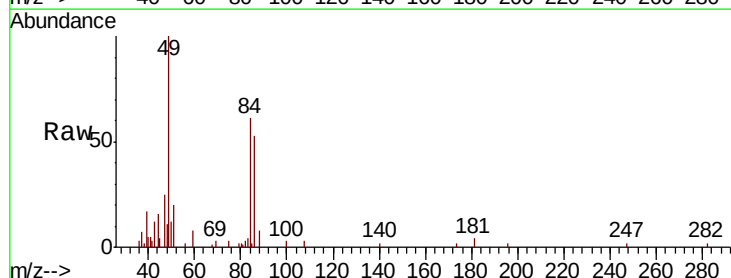
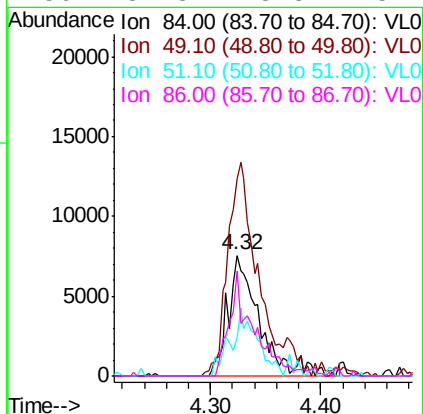
Ion Ratio Lower Upper

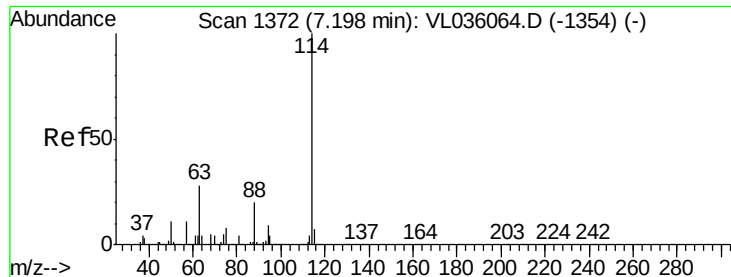
84 100

49 163.5 133.0 199.4

51 32.1 38.9 58.3#

86 87.3 48.8 73.2#





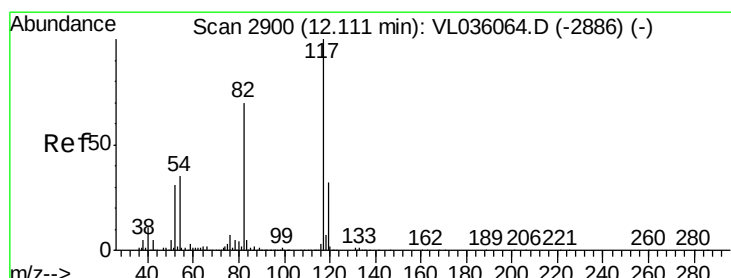
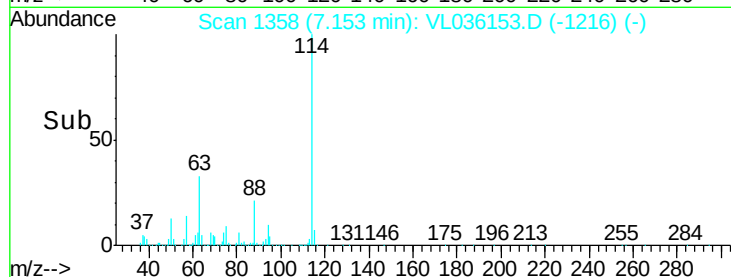
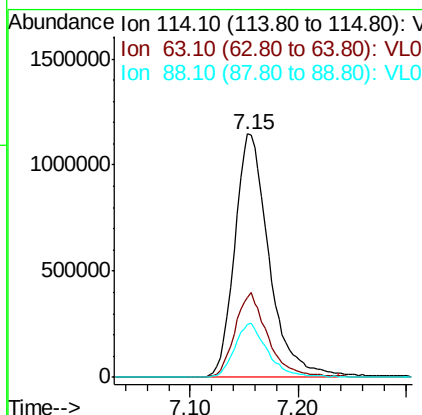
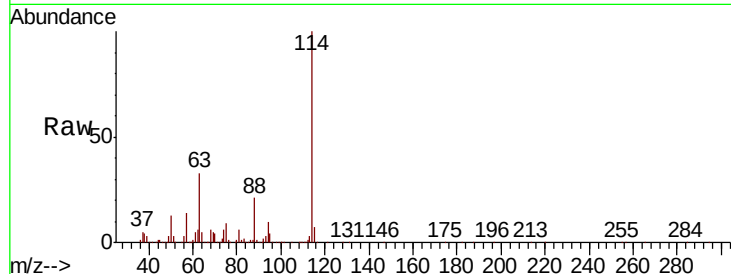
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Instrument :
 MSVOA_L
 ClientSampleId :
 48-1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	34.2	23.6	35.4
88	21.4	15.8	23.6

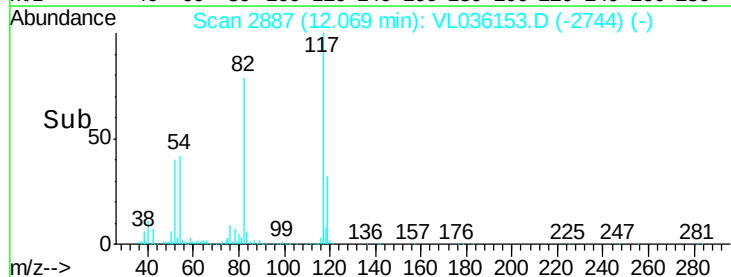
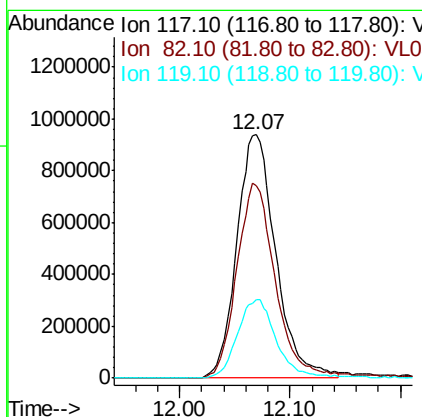
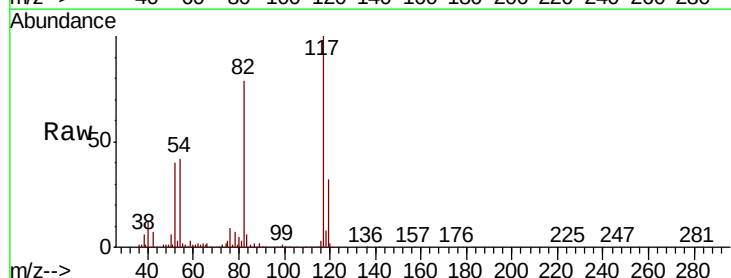
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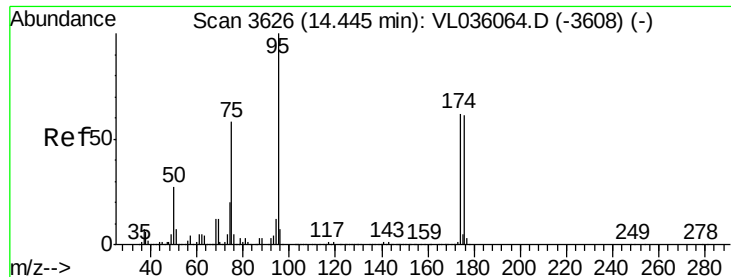
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2887
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	81.5	0.0	0.0#
119	33.0	0.0	0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.012 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Instrument :
 MSVOA_L
 ClientSampleId :
 48-1DL

Tot Ion: 95 Resp: 2010728
 Ion Ratio Lower Upper
 95 100
 174 52.8 50.7 76.1
 175 3.8 4.0 6.0#

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