

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
 Data File : VL036173.D
 Acq On : 16 Dec 2020 19:15
 Operator : SY/AP
 Sample : L5041-02DL 40X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

Manual Integrations
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Quant Time: Dec 17 06:47:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 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	1412436	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	2818363	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	2567457	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2212891	10.85	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.62	45	5057m	0.454	ppbv	
15) Acetone	3.86	43	35288m	0.208	ppbv	
20) Methylene Chloride	4.33	84	18492m	0.266	ppbv	

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

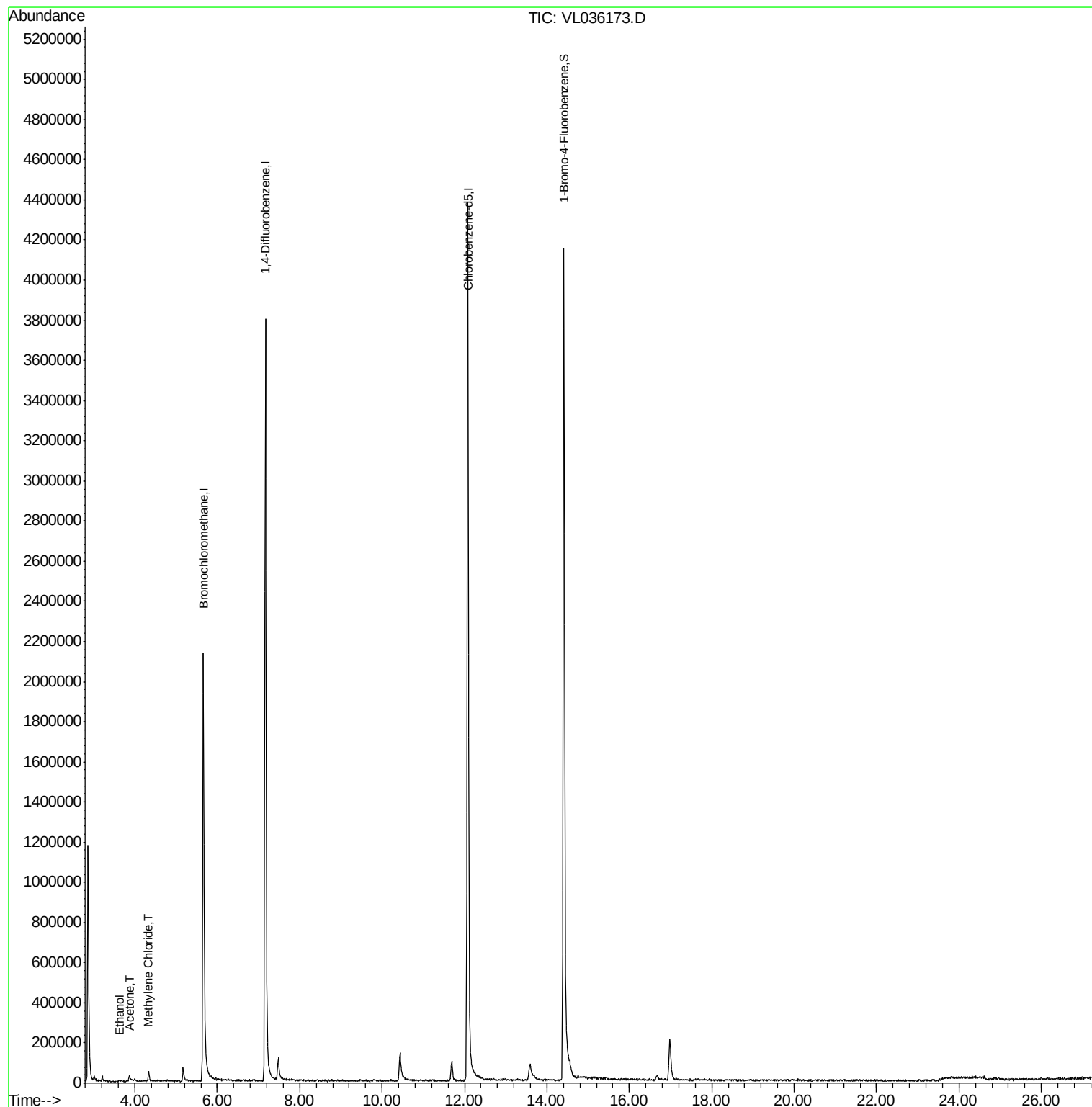
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036173.D
Acq On : 16 Dec 2020 19:15
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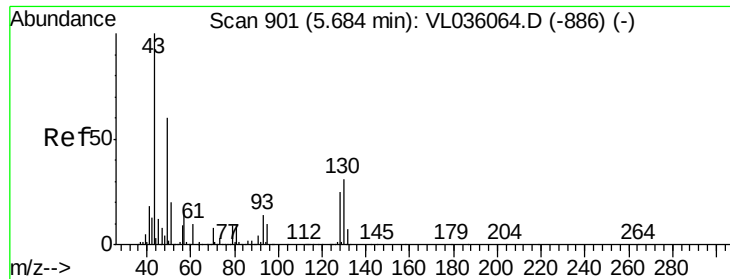
Instrument :
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Quant Time: Dec 17 06:47:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

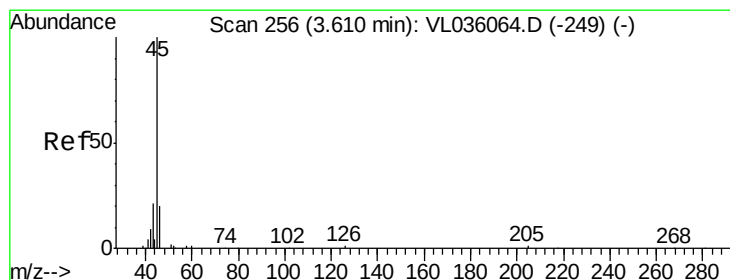
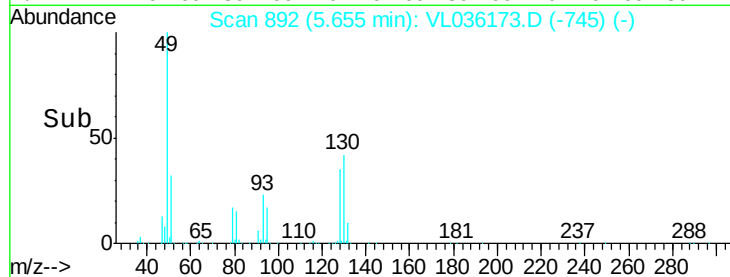
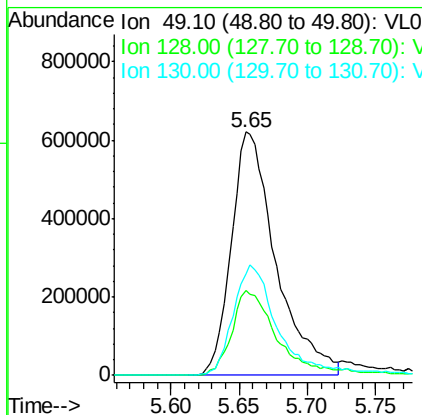
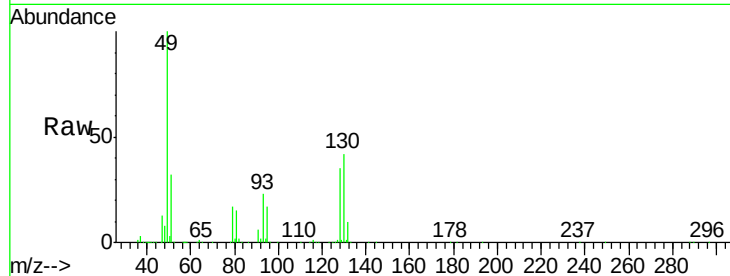
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 892
 Delta R.T. -0.03 min
 Lab File: VL036173.D
 Acq: 16 Dec 2020 19:15

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

Tgt Ion: 49 Resp: 1412436
 Ion Ratio Lower Upper
 49 100
 128 37.4 21.1 63.1
 130 47.0 27.1 81.3

Manual Integrations
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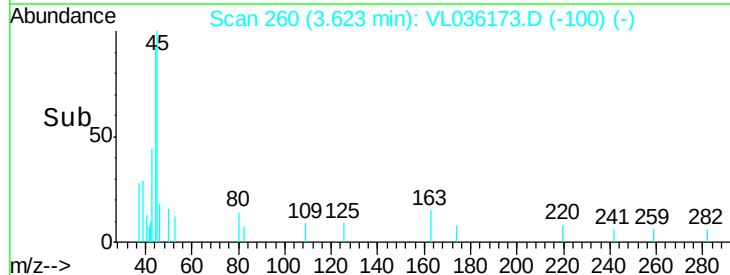
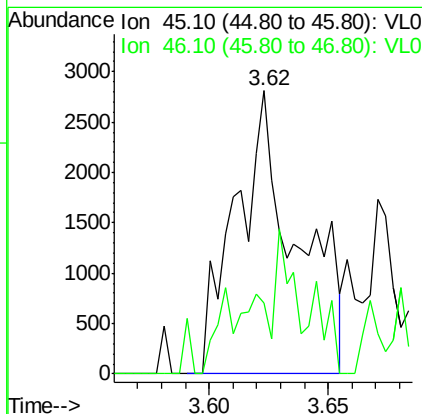
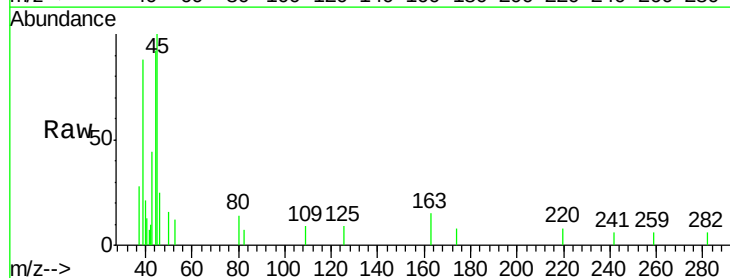
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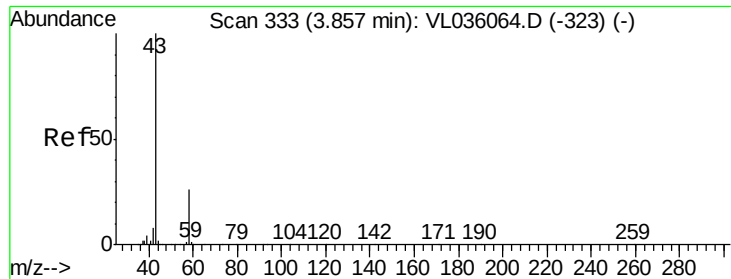


#13

Ethanol
 Concen: 0.454 ppbv m
 RT: 3.62 min Scan# 260
 Delta R.T. 0.01 min
 Lab File: VL036173.D
 Acq: 16 Dec 2020 19:15

Tgt Ion: 45 Resp: 5057
 Ion Ratio Lower Upper
 45 100
 46 0.0 19.0 75.8#





#15

Acetone

Concen: 0.208 ppbv m

RT: 3.86 min Scan# 334

Delta R.T. 0.00 min

Lab File: VL036173.D

Acq: 16 Dec 2020 19:15

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

Tgt Ion: 43 Resp: 35288

Ion Ratio Lower Upper

43 100

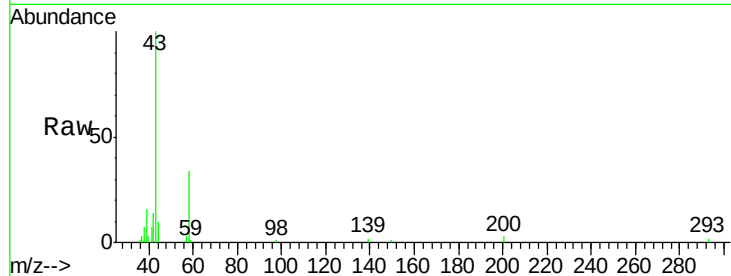
58 0.0 20.9 31.3#

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.86

15000

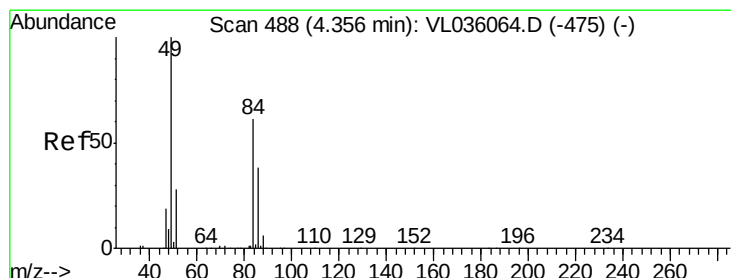
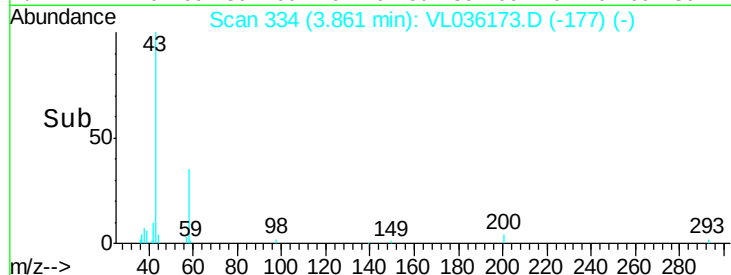
10000

5000

0

Time-->

3.80 3.85 3.90



#20

Methylene Chloride

Concen: 0.266 ppbv m

RT: 4.33 min Scan# 480

Delta R.T. -0.03 min

Lab File: VL036173.D

Acq: 16 Dec 2020 19:15

Tgt Ion: 84 Resp: 18492

Ion Ratio Lower Upper

84 100

49 158.1 133.0 199.4

51 47.5 38.9 58.3

86 50.3 48.8 73.2

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

25000

20000

15000

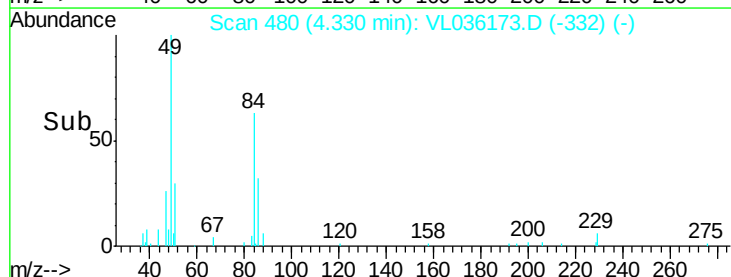
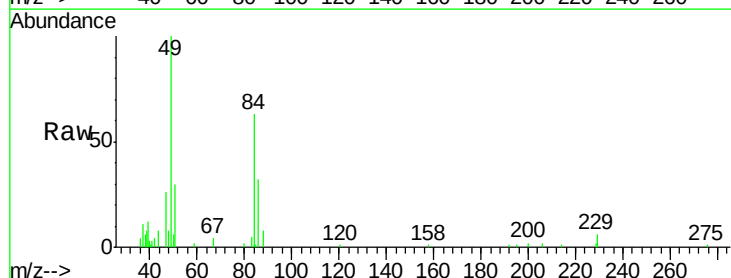
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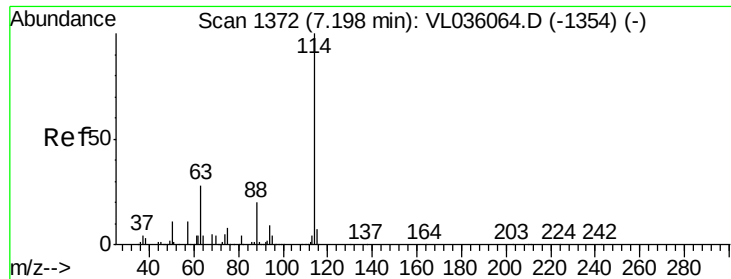
5000

0

Time-->

4.30 4.35 4.40





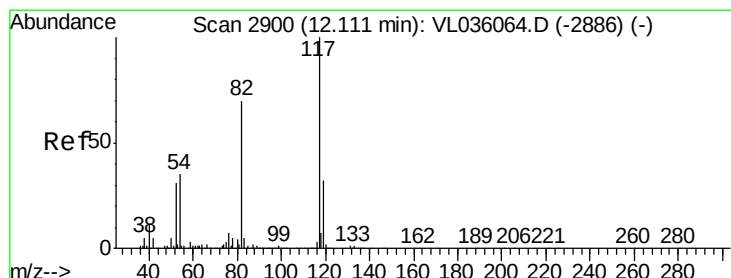
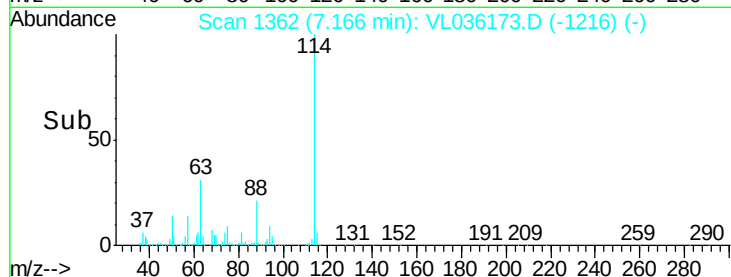
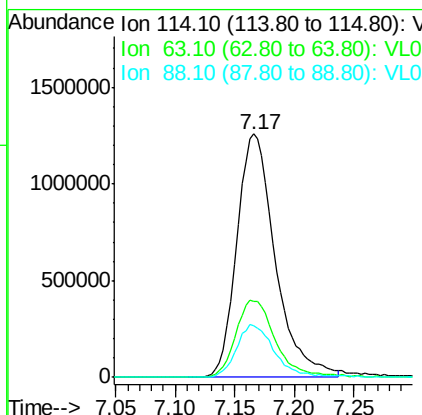
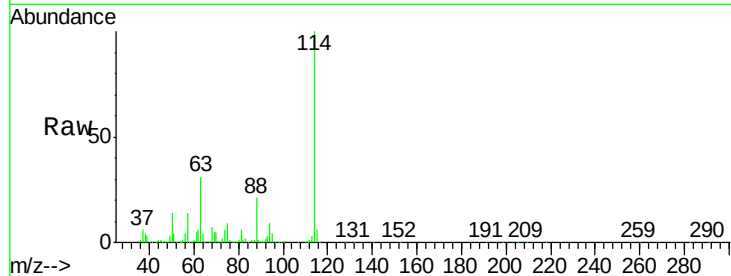
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.03 min
 Lab File: VL036173.D
 Acq: 16 Dec 2020 19:15

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

Tgt Ion:114 Resp: 2818363
 Ion Ratio Lower Upper
 114 100
 63 33.2 23.6 35.4
 88 21.7 15.8 23.6

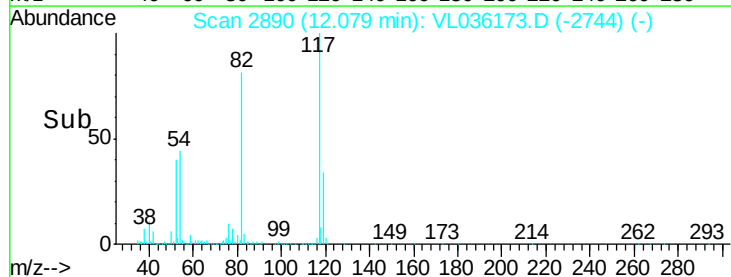
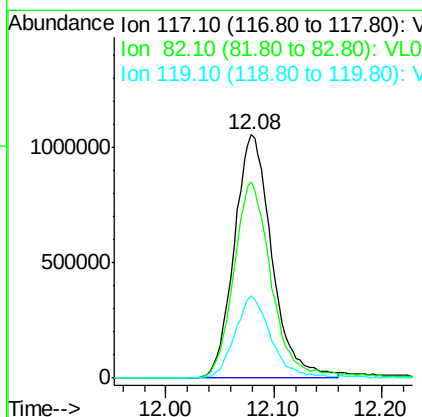
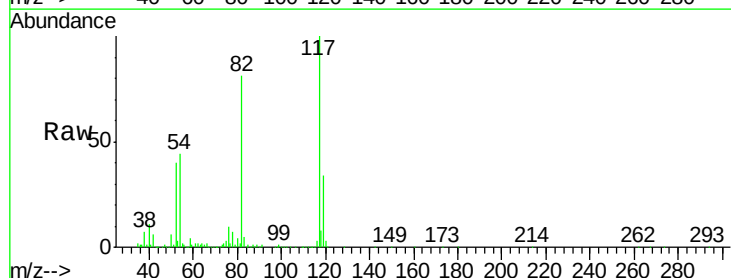
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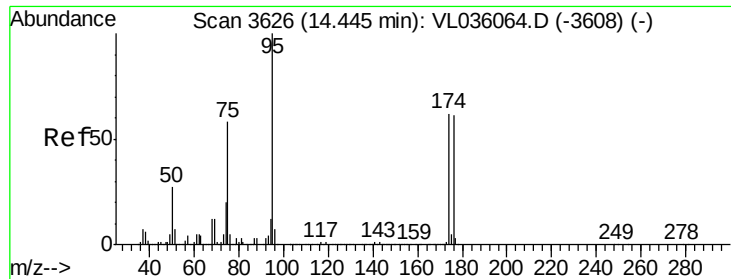
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2890
 Delta R.T. -0.03 min
 Lab File: VL036173.D
 Acq: 16 Dec 2020 19:15

Tgt Ion:117 Resp: 2567457
 Ion Ratio Lower Upper
 117 100
 82 81.8 0.0 0.0#
 119 33.5 0.0 0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.855 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. -0.04 min
 Lab File: VL036173.D
 Acq: 16 Dec 2020 19:15

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

Tgt Ion: 95 Resp: 2212891
 Ion Ratio Lower Upper
 95 100
 174 56.9 50.7 76.1
 175 4.0 4.0 6.0

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