

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050620\
 Data File : VL034957.D
 Acq On : 7 May 2020 6:05
 Operator : SY/AP
 Sample : L2507-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1DL

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 2:32:36 PM

Quant Time: May 07 08:24:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1109620	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2537217	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2383895	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1968988	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	28502	1.571	ppbv	80
15) Acetone	3.84	43	65249	0.445	ppbv	94
19) Isopropyl Alcohol	3.97	45	16597m	0.170	ppbv	
20) Methylene Chloride	4.33	84	12760	0.263	ppbv #	85

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

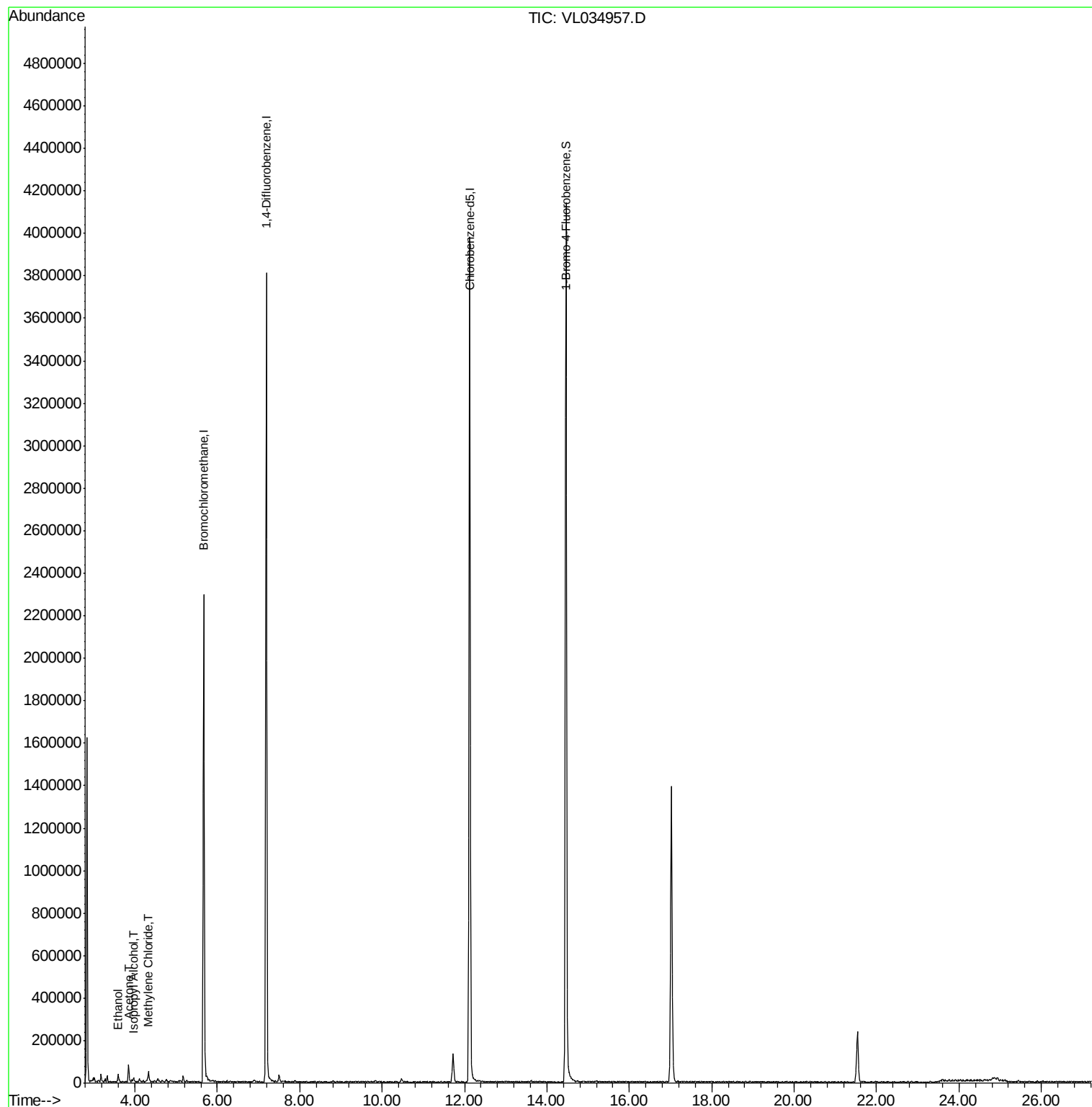
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL050620\
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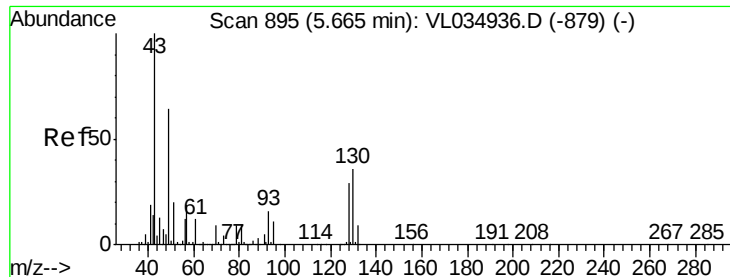
Instrument :
MSVOA_L
ClientSampleId :
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5/7/2020 2:32:36 PM

Quant Time: May 07 08:24:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL034957.D

Acq: 7 May 2020 6:05

Instrument :

MSVOA_L

ClientSampleId :

QA-1DL

Tot Ion: 49 Resp: 1109620

Ion Ratio Lower Upper

49 100

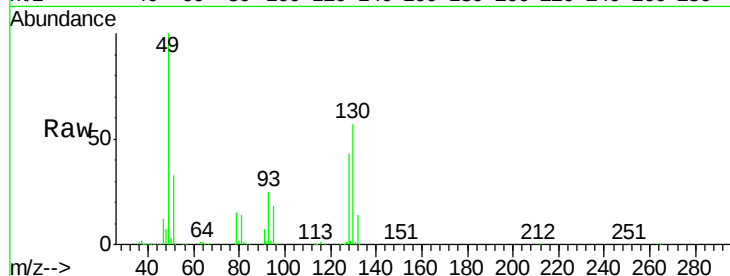
128 44.8 22.1 66.5

130 58.2 29.1 87.3

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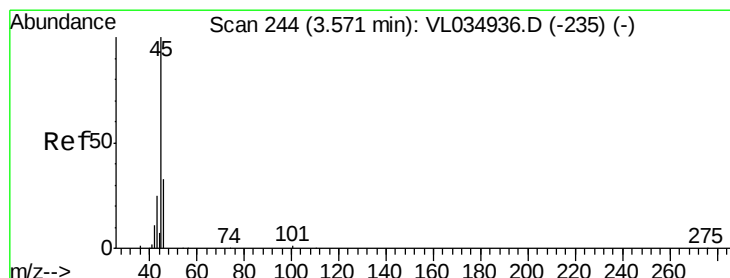
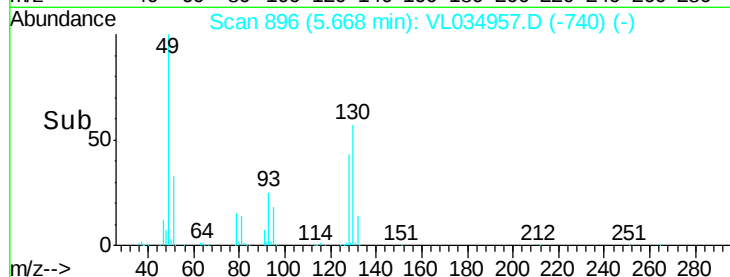
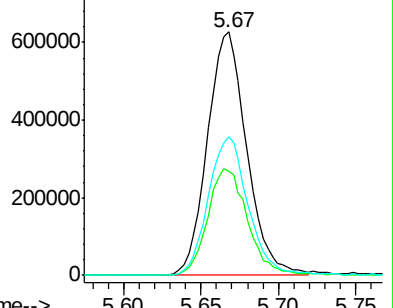
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 1.571 ppbv

RT: 3.59 min Scan# 249

Delta R.T. 0.02 min

Lab File: VL034957.D

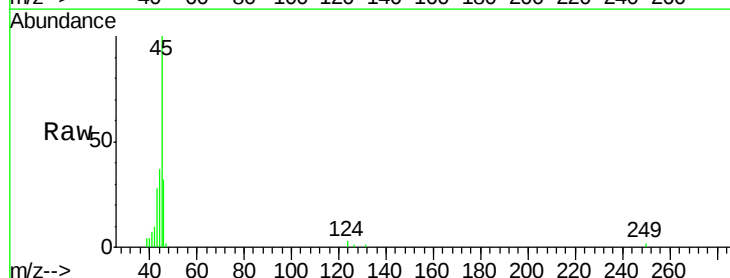
Acq: 7 May 2020 6:05

Tgt Ion: 45 Resp: 28502

Ion Ratio Lower Upper

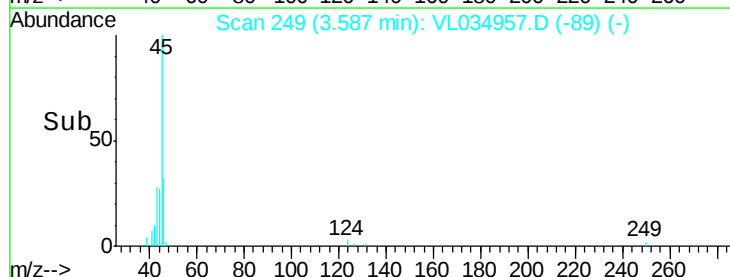
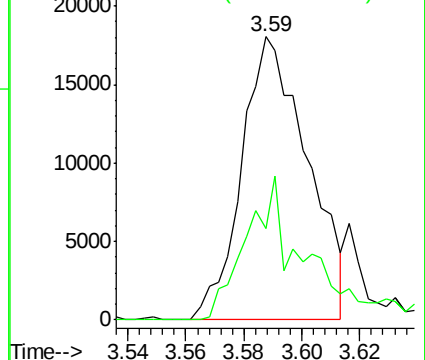
45 100

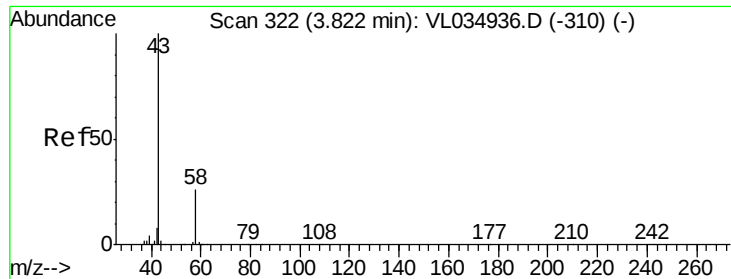
46 47.3 14.3 57.3



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





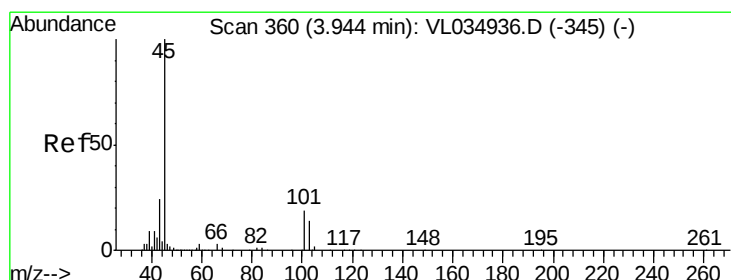
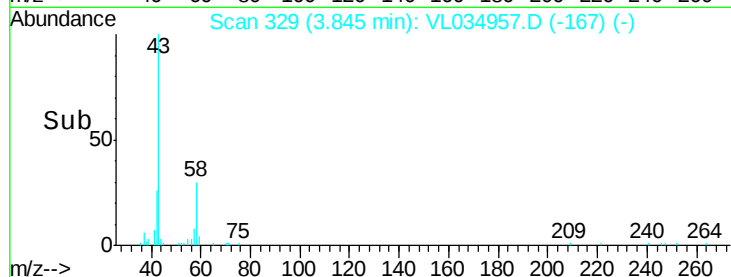
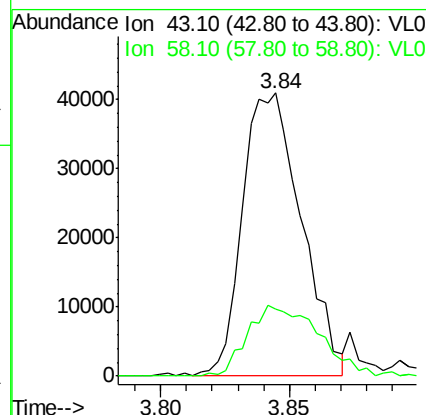
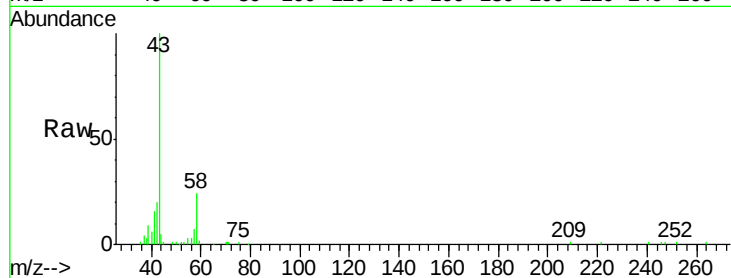
#15
Acetone
Concen: 0.445 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.02 min
Lab File: VL034957.D
Acq: 7 May 2020 6:05

Instrument :
MSVOA_L
ClientSampleId :
QA-1DL

Tot Ion: 43 Resp: 65249
Ion Ratio Lower Upper
43 100
58 30.4 21.7 32.5

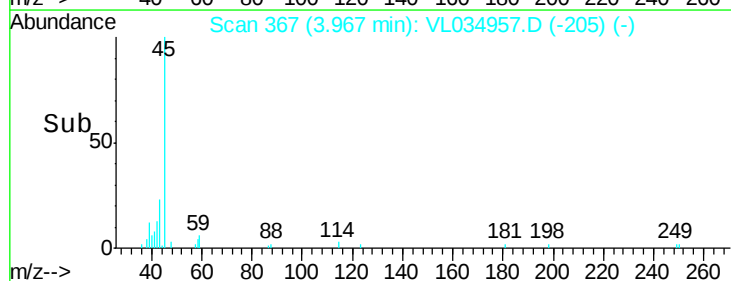
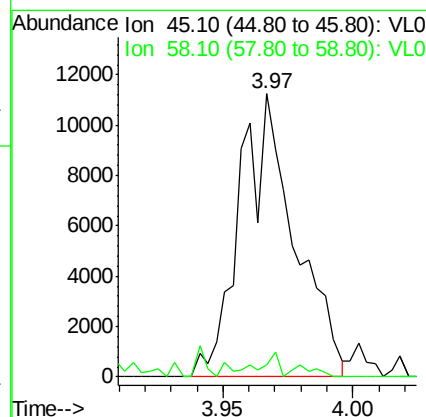
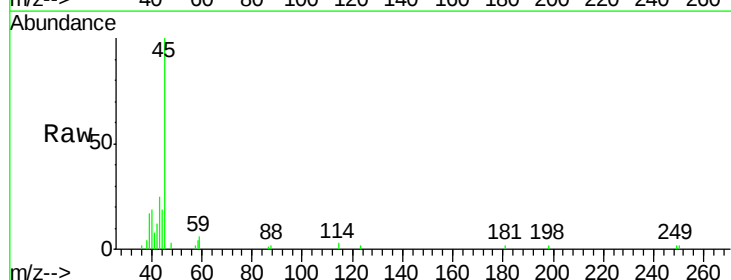
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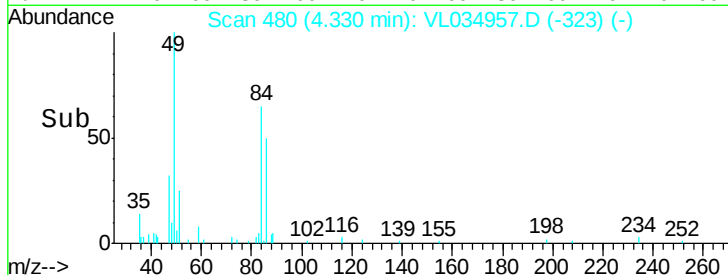
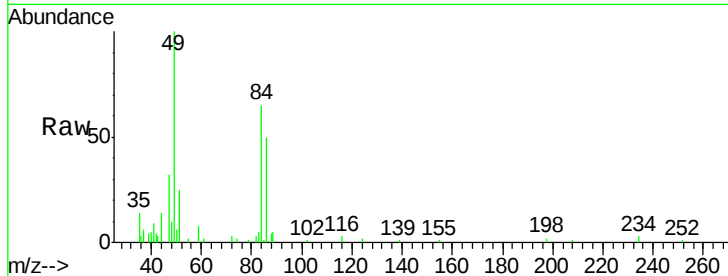
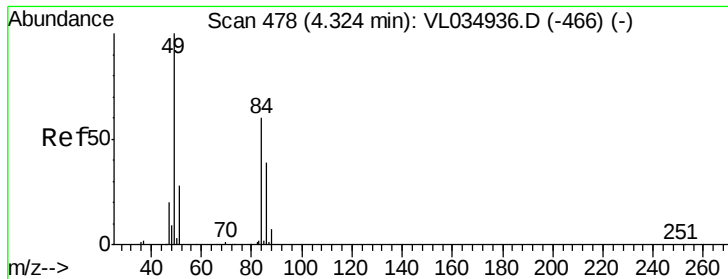
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#19
Isopropyl Alcohol
Concen: 0.170 ppbv m
RT: 3.97 min Scan# 367
Delta R.T. 0.02 min
Lab File: VL034957.D
Acq: 7 May 2020 6:05

Tgt Ion: 45 Resp: 16597
Ion Ratio Lower Upper
45 100
58 0.0 1.7 2.5#





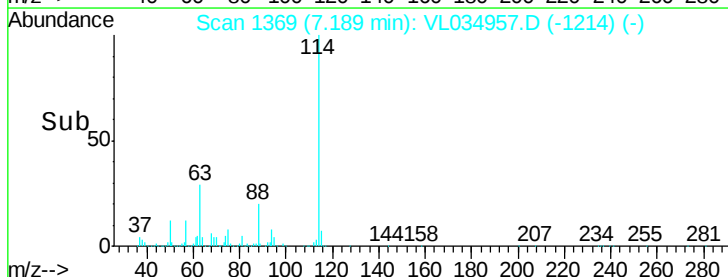
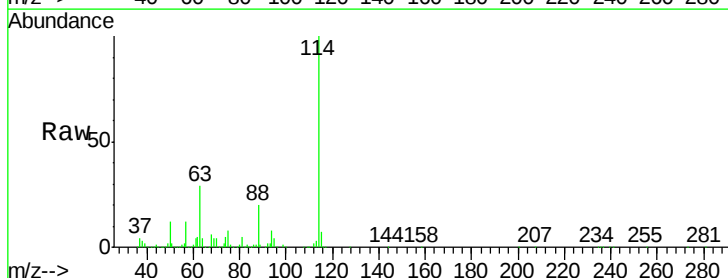
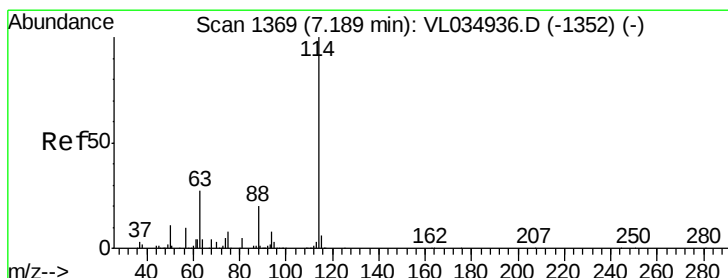
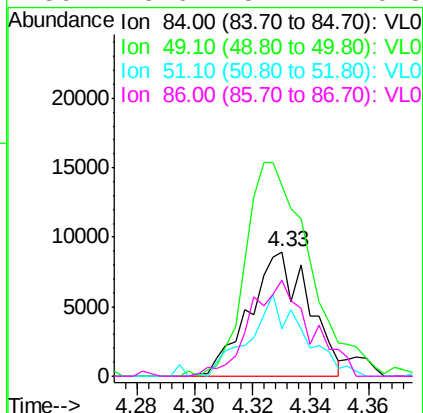
#20
Methvlene Chloride
Concen: 0.263 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.01 min
Lab File: VL034957.D
Acq: 7 May 2020 6:05

Tot Ion	Ratio	Lower	Upper
84	100		
49	146.1	132.5	198.7
51	37.3	38.4	57.6#
86	75.6	51.2	76.8

Instrument :
MSVOA_L
ClientSampleId :
QA-1DL

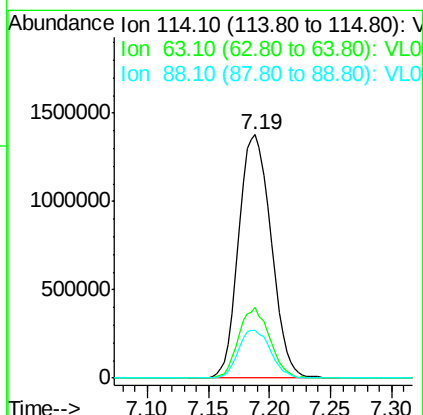
Manual Integrations
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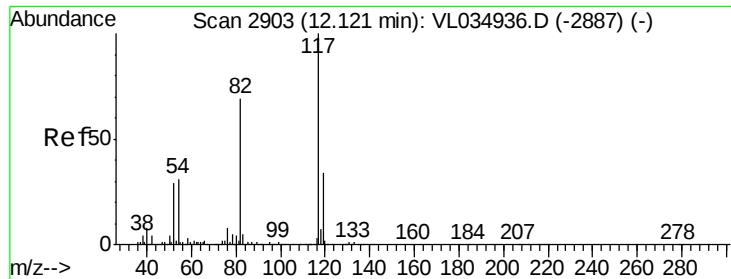
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5/7/2020 2:32:36 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VL034957.D
Acq: 7 May 2020 6:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.2	33.4
88	19.5	15.5	23.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2904

Delta R.T. 0.00 min

Lab File: VL034957.D

Acq: 7 May 2020 6:05

Instrument :

MSVOA_L

ClientSampleId :

QA-1DL

Tot Ion:117 Resp: 2383895

Ion Ratio Lower Upper

117 100

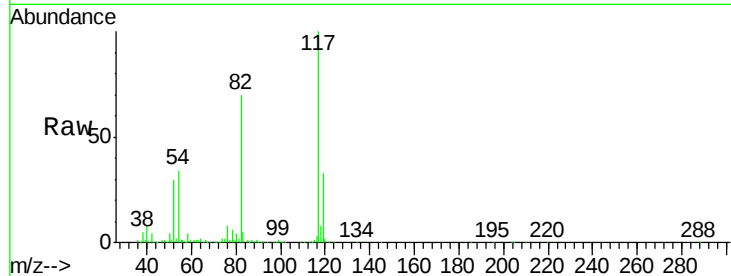
82 70.2 53.1 79.7

119 33.2 26.7 40.1

Manual Integrations
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5/7/2020 2:32:36 PM



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

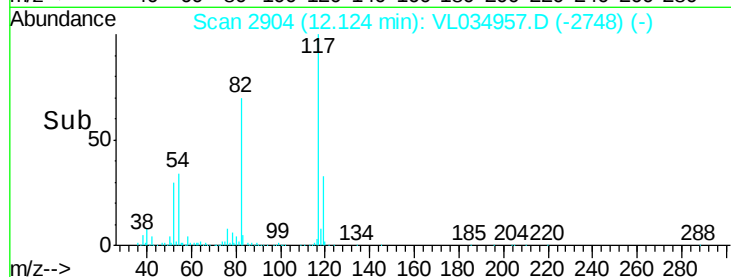
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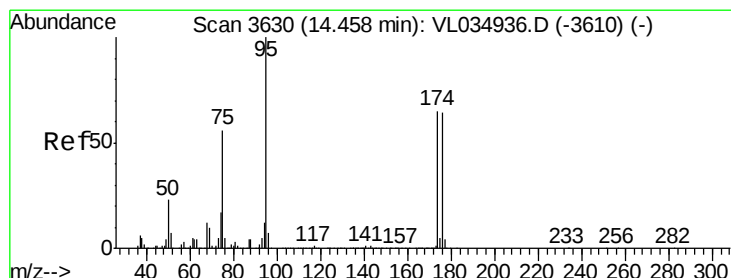
500000

0

12.10 12.20



Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.204 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VL034957.D

Acq: 7 May 2020 6:05

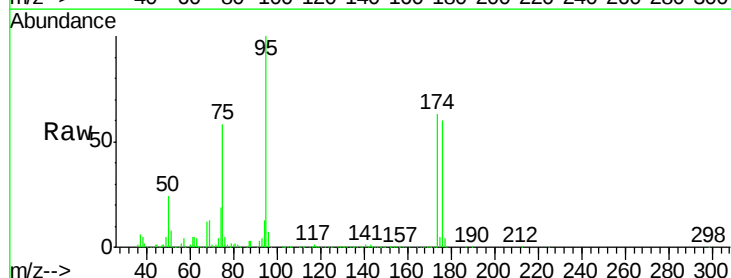
Tgt Ion: 95 Resp: 1968988

Ion Ratio Lower Upper

95 100

174 64.6 51.5 77.3

175 4.7 3.8 5.8



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

1200000

1000000

800000

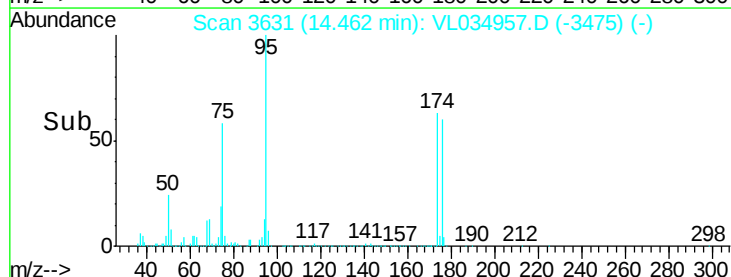
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200000

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14.40 14.50



Time-->