

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036512.D
 Acq On : 26 Mar 2021 13:33
 Operator : SY/AP
 Sample : M1760-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-7-TROPHY-CABINETDL

Manual Integrations
 APPROVED

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 3/29/2021 4:38:45 PM

Quant Time: Mar 28 20:24:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 28 20:24:10 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1505845	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3423548	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.12	117	3009476	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2347830	9.79	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	386130	36.152	ppbv	96
15) Acetone	3.87	43	216962	1.464	ppbv #	85
19) Isopropyl Alcohol	3.99	45	556957	6.831	ppbv #	96
20) Methylene Chloride	4.36	84	98668m	1.422	ppbv	

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

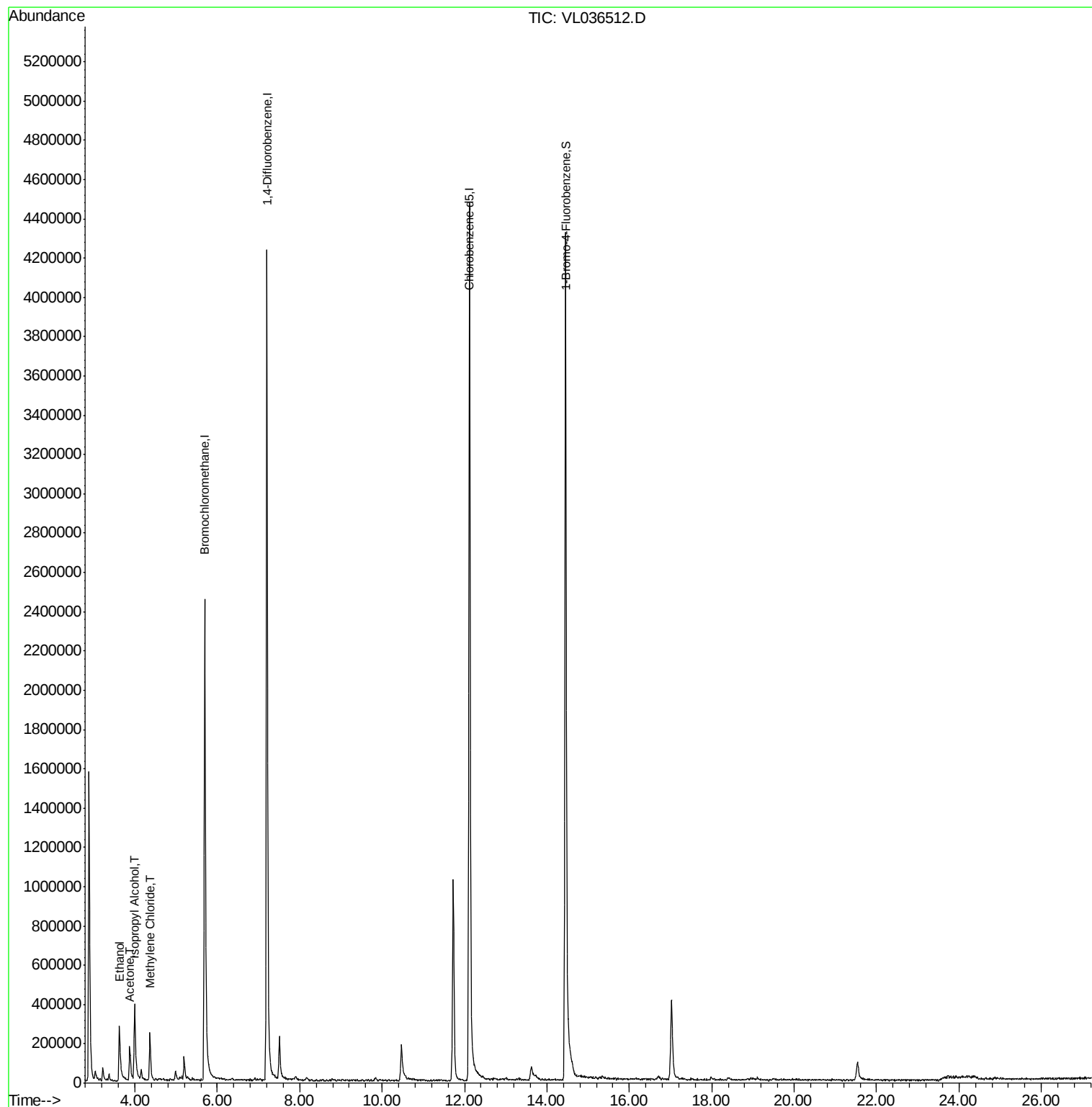
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032621\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 903

Delta R.T. 0.02 min

Lab File: VL036512.D

Acq: 26 Mar 2021 13:33

Instrument :

MSVOA_L

ClientSampleId :

SS-7-TROPHY-CABINETDL

Tot Ion: 49 Resp: 1505845

Ion Ratio Lower Upper

49 100

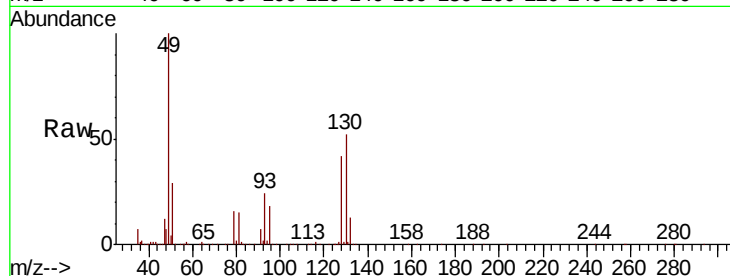
128 43.5 23.5 70.6

130 56.7 29.1 87.4

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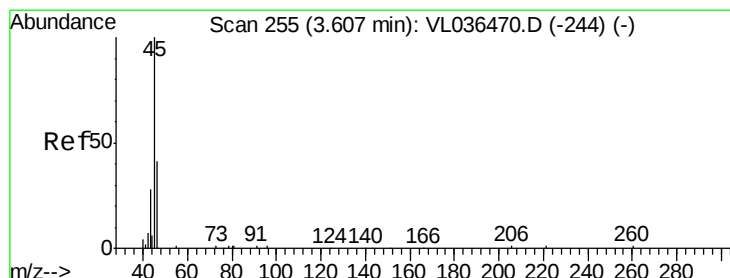
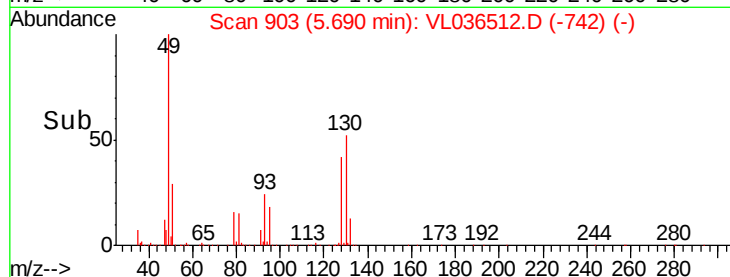
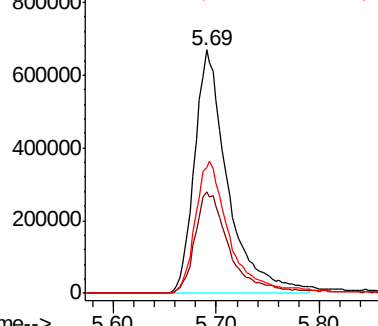
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 36.152 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.01 min

Lab File: VL036512.D

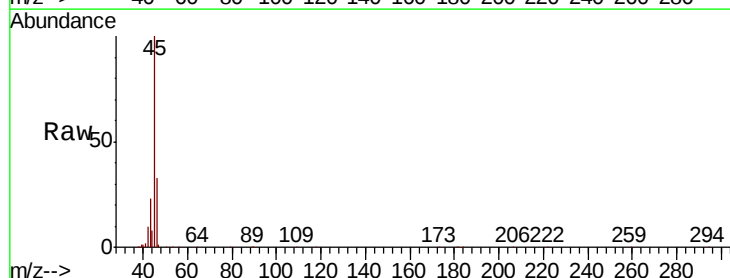
Acq: 26 Mar 2021 13:33

Tgt Ion: 45 Resp: 386130

Ion Ratio Lower Upper

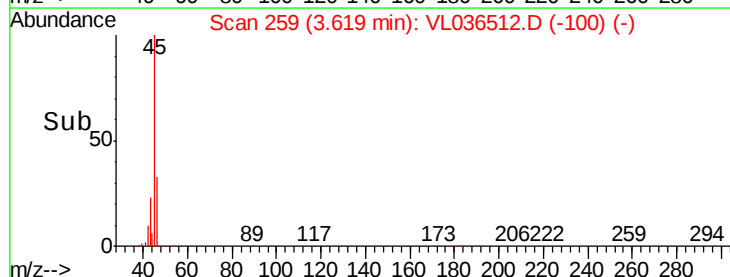
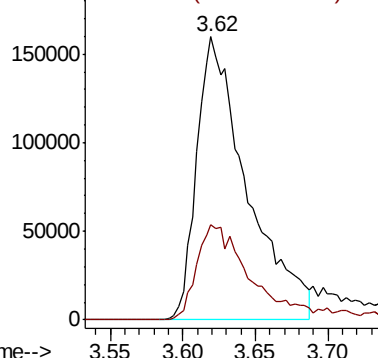
45 100

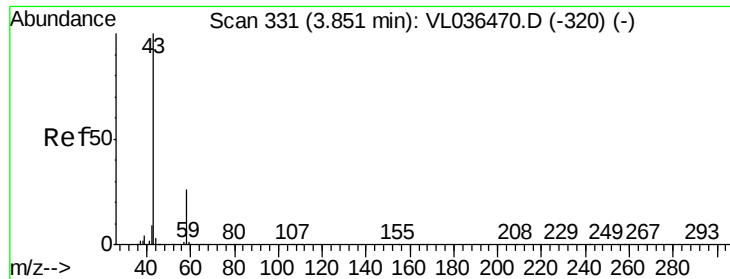
46 39.0 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





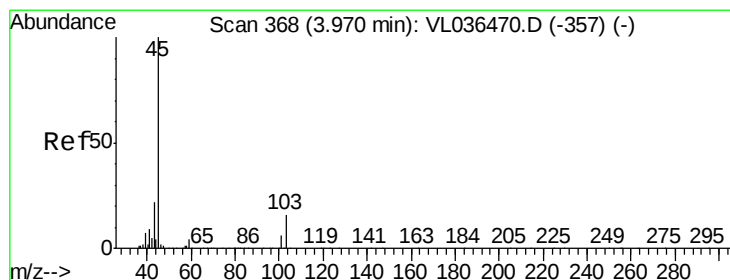
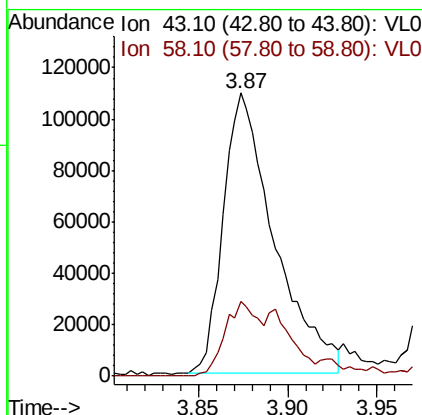
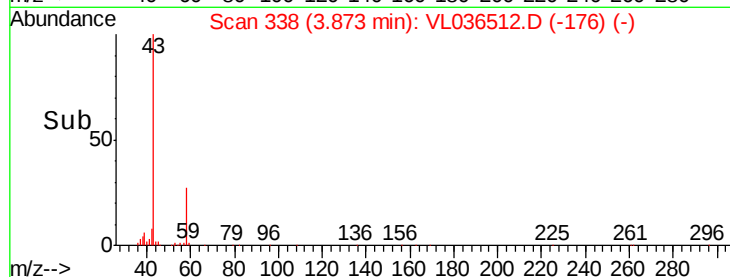
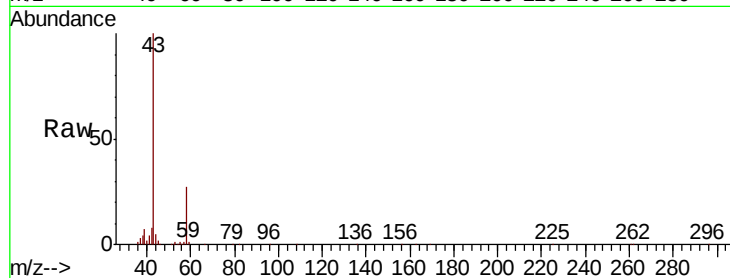
#15
Acetone
Concen: 1.464 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.02 min
Lab File: VL036512.D
Acq: 26 Mar 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
SS-7-TROPHY-CABINETDL

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.3	21.2	31.8#

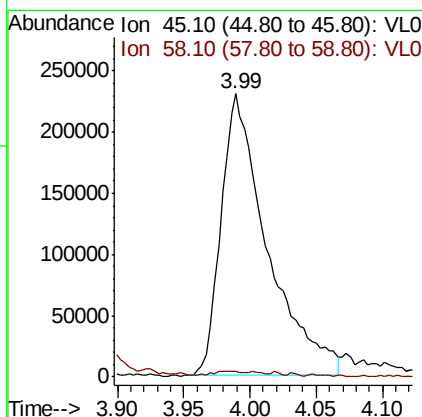
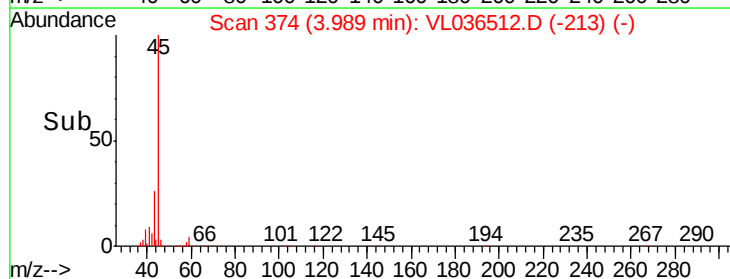
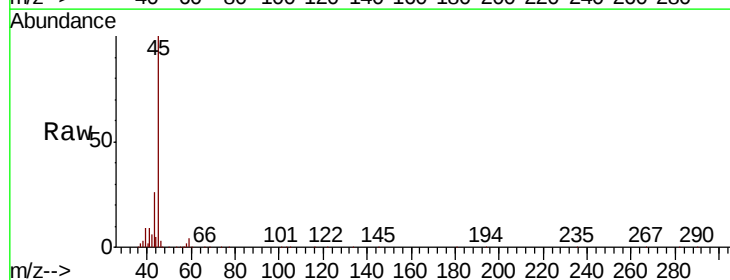
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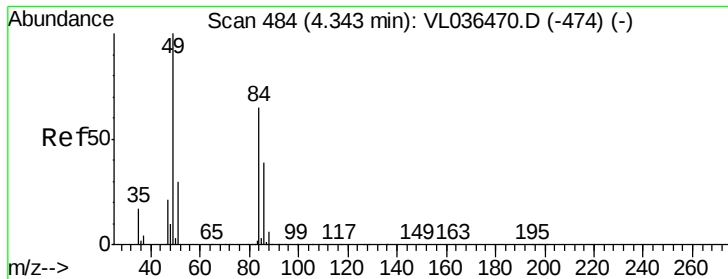
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#19
Isopropyl Alcohol
Concen: 6.831 ppbv
RT: 3.99 min Scan# 374
Delta R.T. 0.02 min
Lab File: VL036512.D
Acq: 26 Mar 2021 13:33

Tgt Ion	Ratio	Lower	Upper
45	100		
58	2.2	2.9	4.3#





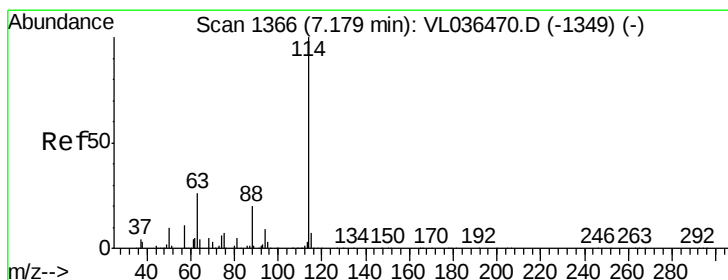
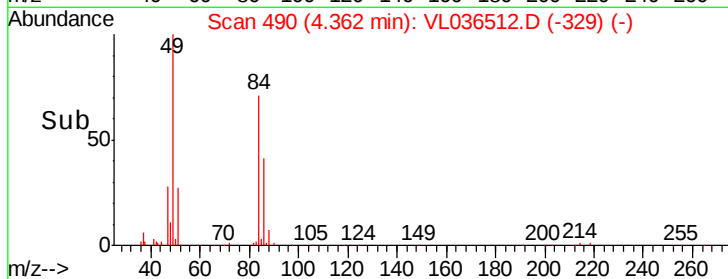
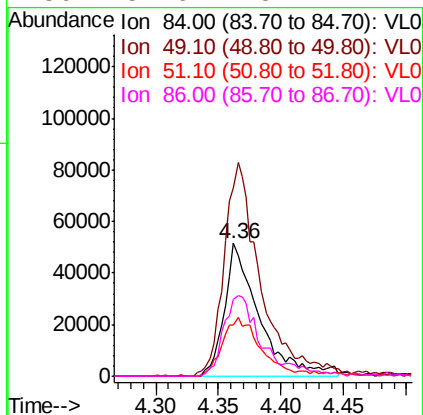
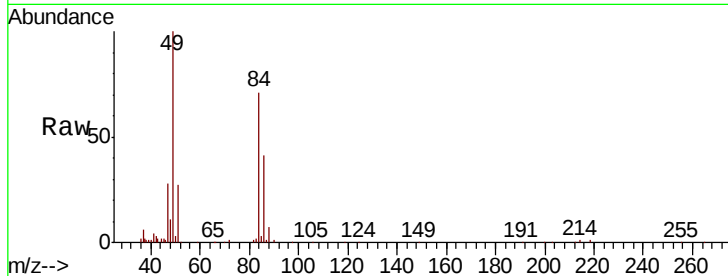
#20
Methvlene Chloride
Concen: 1.422 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.02 min
Lab File: VL036512.D
Acq: 26 Mar 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
SS-7-TROPHY-CABINETDL

Tot Ion	84	Resp	98668
Ion	Ratio	Lower	Upper
84	100		
49	141.7	122.9	184.3
51	38.2	36.9	55.3
86	57.6	48.2	72.4

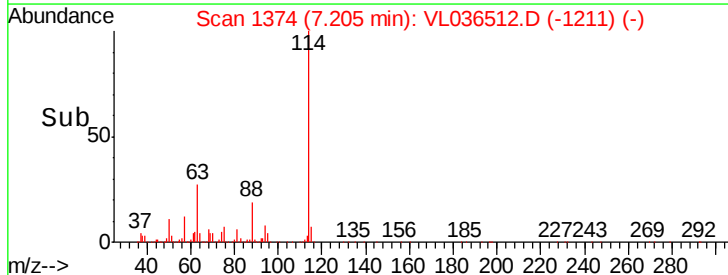
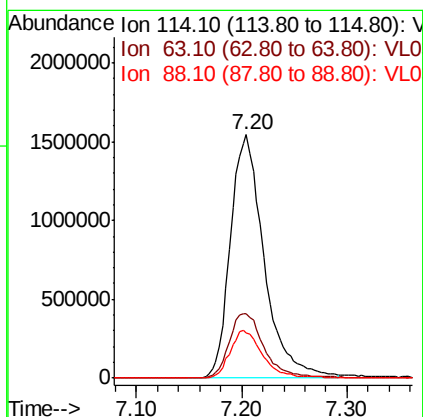
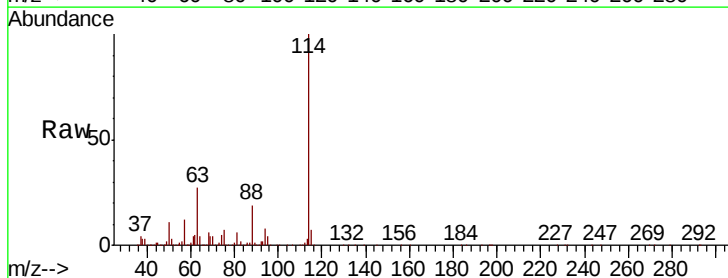
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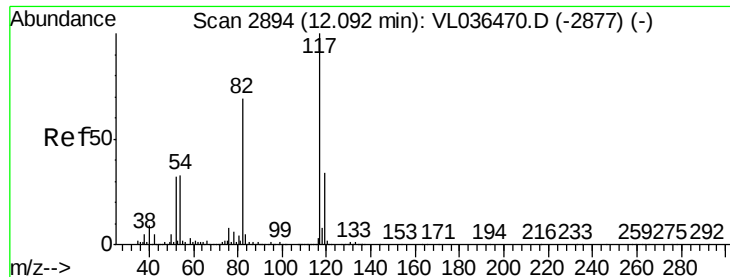
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. 0.03 min
Lab File: VL036512.D
Acq: 26 Mar 2021 13:33

Tgt Ion	114	Resp	3423548
Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.4	33.6
88	19.3	15.4	23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. 0.03 min

Lab File: VL036512.D

Acq: 26 Mar 2021 13:33

Instrument :

MSVOA_L

ClientSampleId :

SS-7-TROPHY-CABINETDL

Tot Ion: 117 Resp: 3009476

Ion Ratio Lower Upper

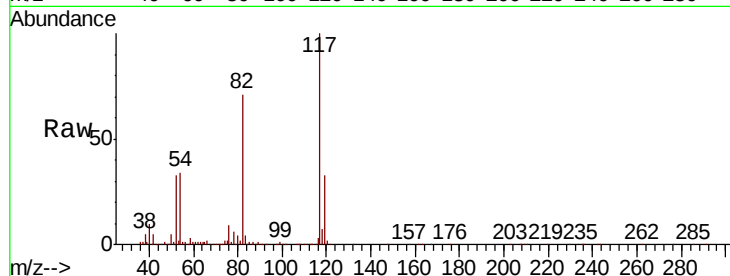
117 100

82 72.8 57.4 86.0

119 34.4 47.4 71.0#

Manual Integrations
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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

1500000

1000000

500000

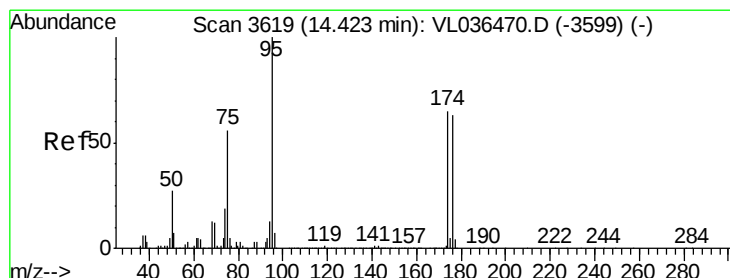
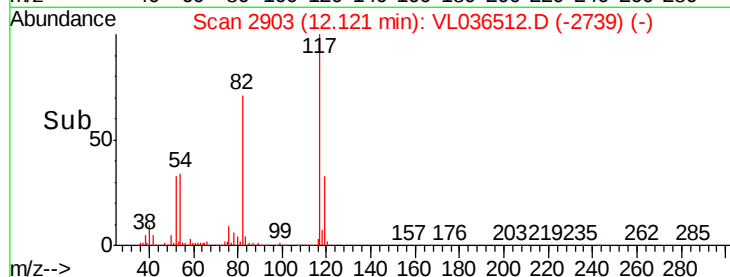
0

12.12

12.10

12.20

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 9.788 ppbv

RT: 14.45 min Scan# 3628

Delta R.T. 0.03 min

Lab File: VL036512.D

Acq: 26 Mar 2021 13:33

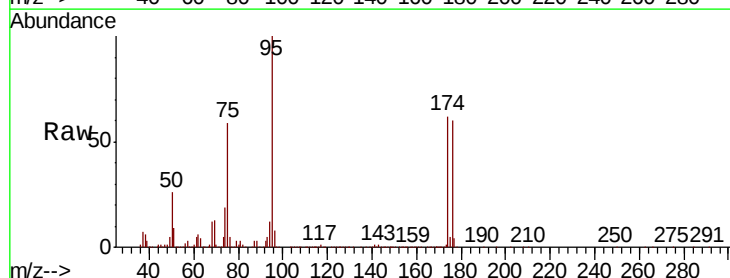
Tgt Ion: 95 Resp: 2347830

Ion Ratio Lower Upper

95 100

174 66.0 51.0 76.6

175 5.1 3.9 5.9



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

600000

400000

200000

0

14.45

14.40

14.50

Time-->

