

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036493.D
 Acq On : 25 Mar 2021 19:22
 Operator : SY/AP
 Sample : M1748-33DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 GOI-SG-1(2021)DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021

Quant Time: Mar 28 23:29:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 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	5.66	49	1537778	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3420627	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3012794	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2416718	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	55341m	5.074	ppbv	
15) Acetone	3.85	43	259993	1.718	ppbv #	89
20) Methylene Chloride	4.34	84	184920	2.610	ppbv	92
26) Hexane	5.68	57	207251	1.241	ppbv #	47

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

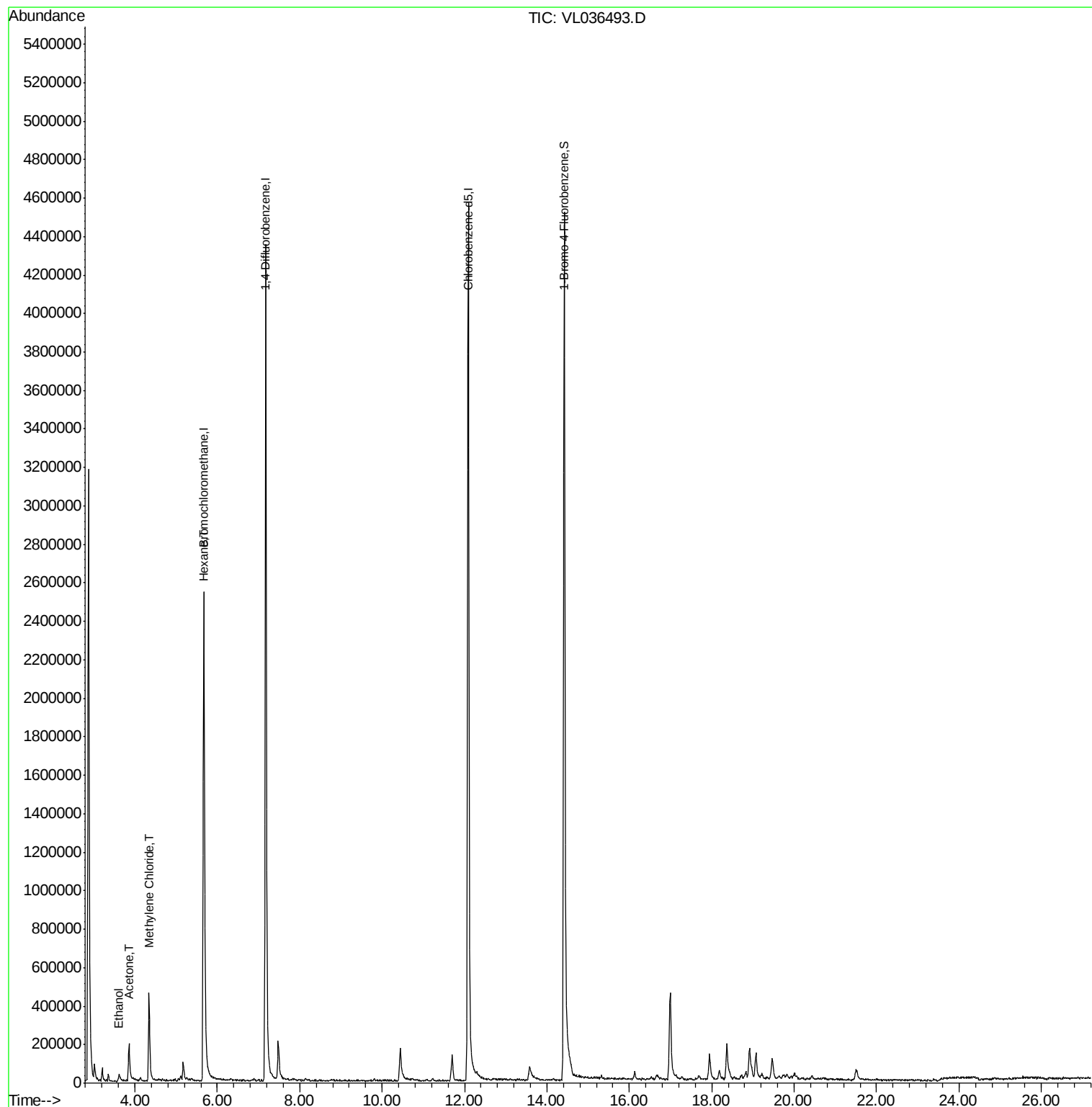
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032521\
Data File : VL036493.D
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Operator : SY/AP
Sample : M1748-33DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: GOI-SG-1(2021)DL

Acq: 25 Mar 2021 19:22

Tot Ion:

Ion Ratio

49 100

128 43.

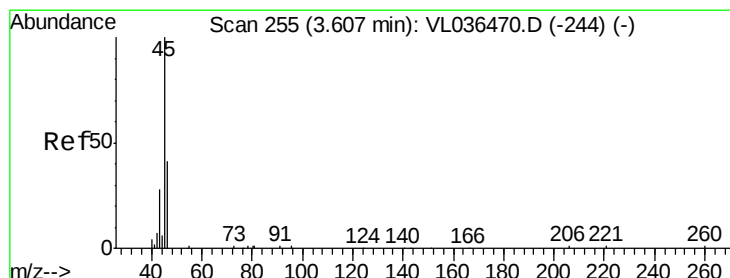
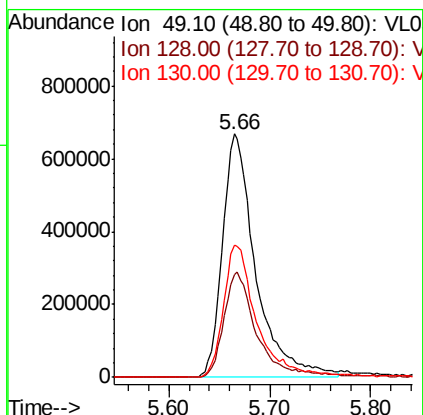
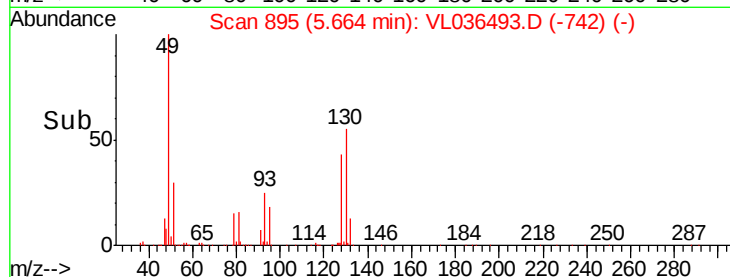
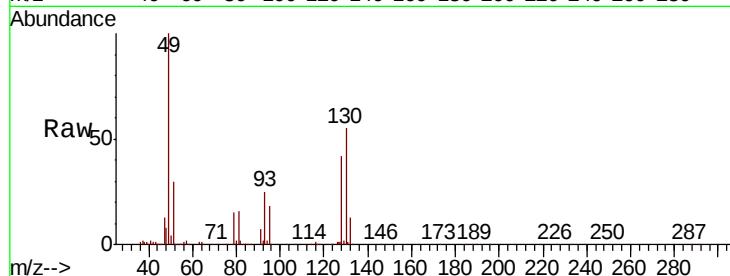
130 56.

Manual Integrations

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#13

Ethanol

Concen: 5.074 ppbv m

RT: 3.61 min Scan# 256

Delta R.T. 0.00 min

Lab File: VL036493.D

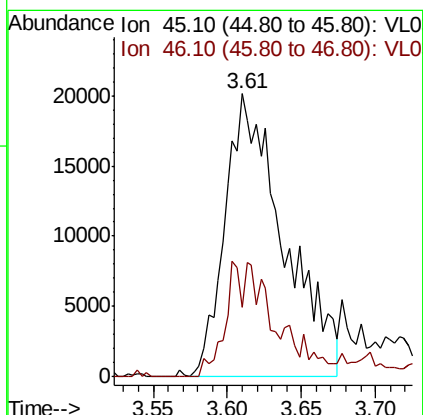
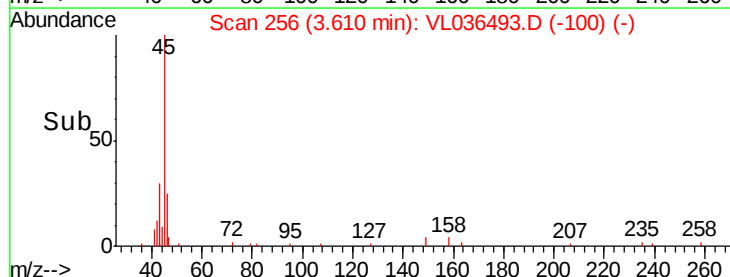
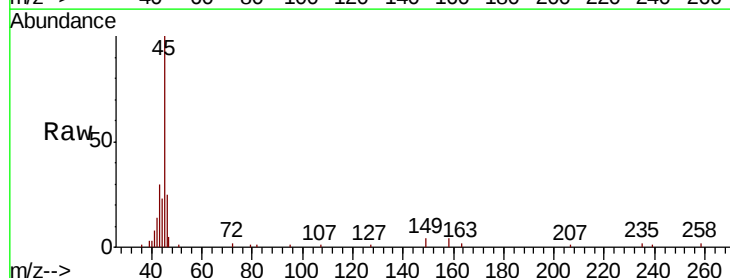
Acq: 25 Mar 2021 19:22

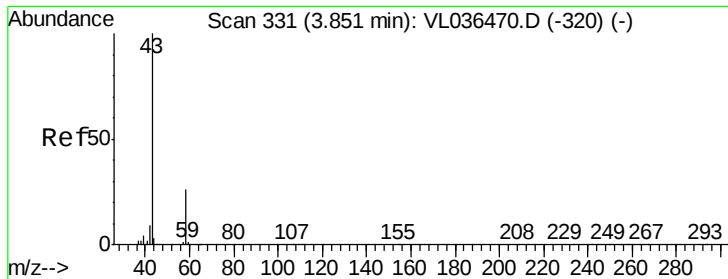
Tgt Ion: 45 Resp: 55341

Ion Ratio Lower Upper

45 100

46 40.5 16.6 66.2





#15

Acetone

Concen: 1.718 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 19:22

Tot Ion:

Ion Ratio

43 100

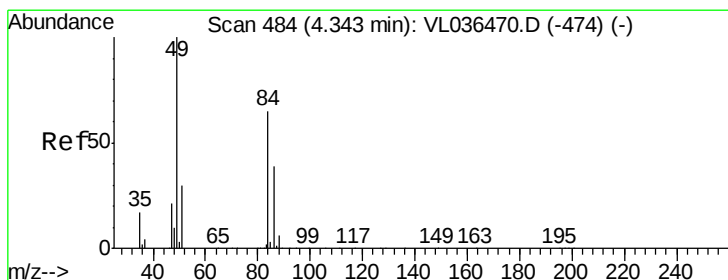
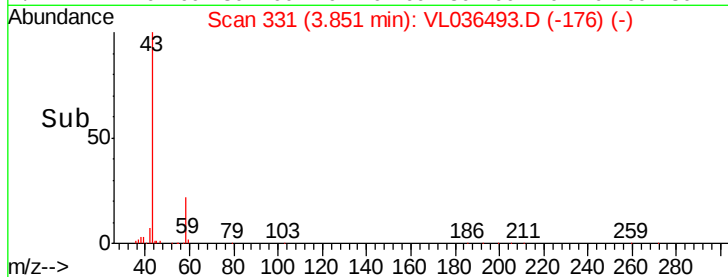
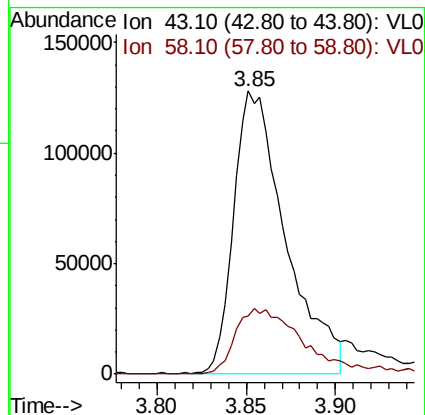
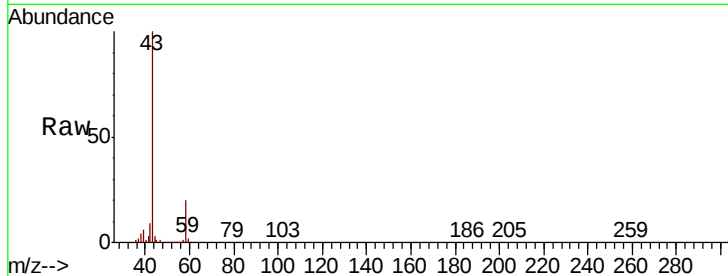
58 32.

Manual Integrations

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#20

Methylene Chloride

Concen: 2.610 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL036493.D

Acq: 25 Mar 2021 19:22

Tgt Ion: 84 Resp: 184920

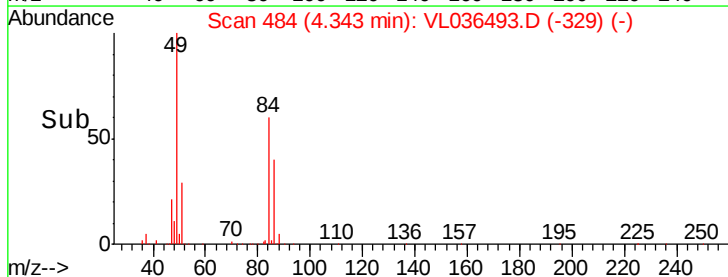
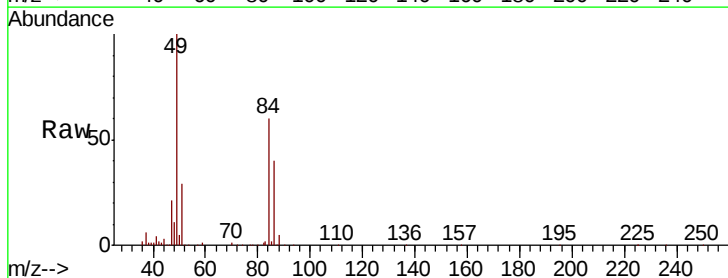
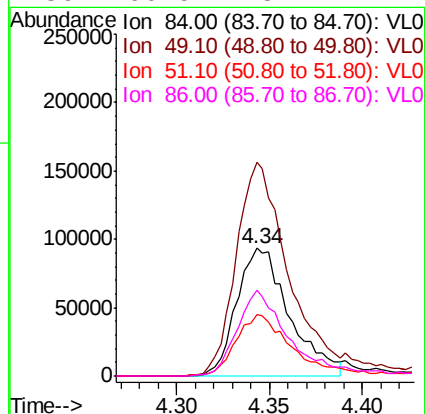
Ion Ratio Lower Upper

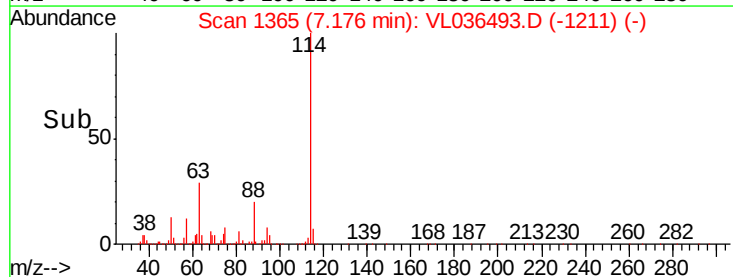
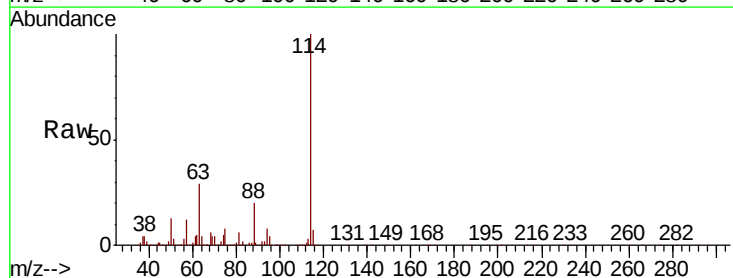
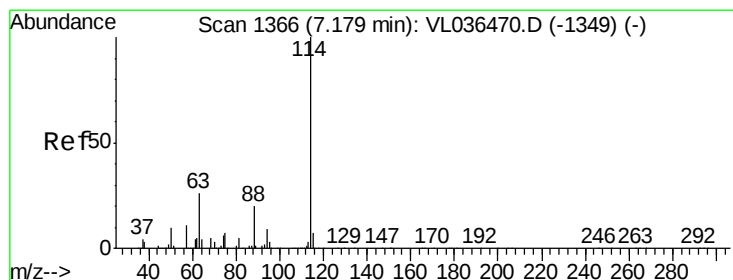
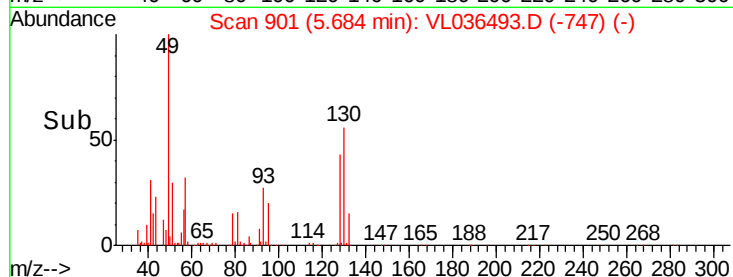
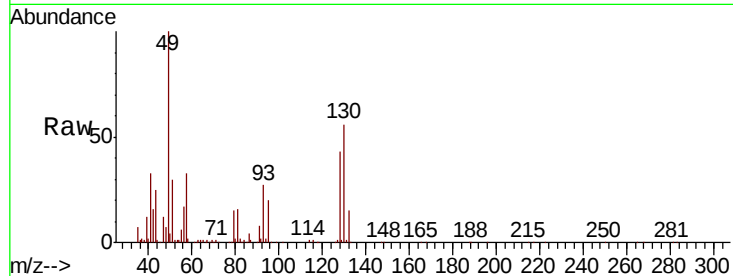
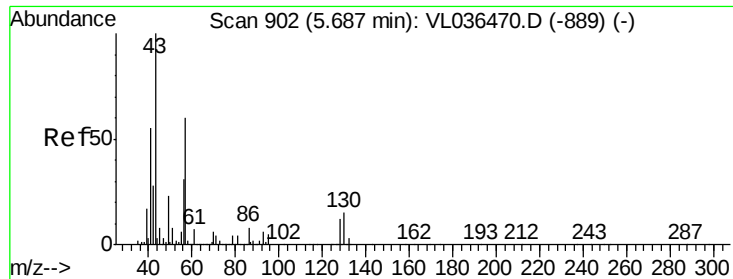
84 100

49 166.5 122.9 184.3

51 46.5 36.9 55.3

86 66.5 48.2 72.4





#26

Hexane

Concen: 1.241 ppbv

RT: 5.68

Delta R.T.

Lab File:

Acq: 25 Mar 2021 19:22

Instrument :

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Tot Ion:

Ion Ratio

57 100

41 104.

43 80.

56 59.8

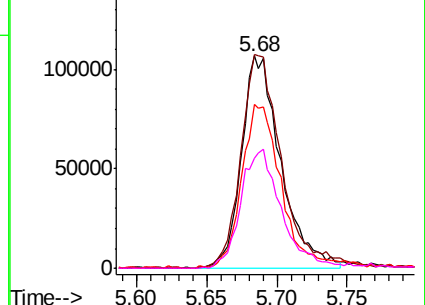
43.8 65.6

Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VL036493.D

Acq: 25 Mar 2021 19:22

Tgt Ion:114 Resp: 3420627

Ion Ratio Lower Upper

114 100

63 28.7

88 19.7

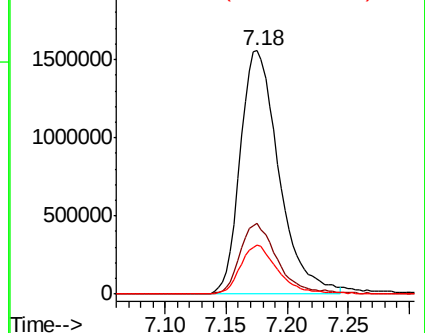
22.4 33.6

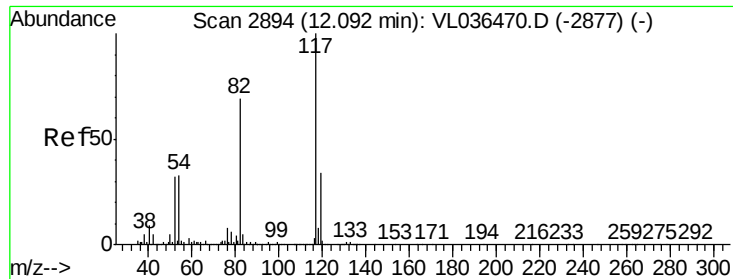
15.4 23.0

Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



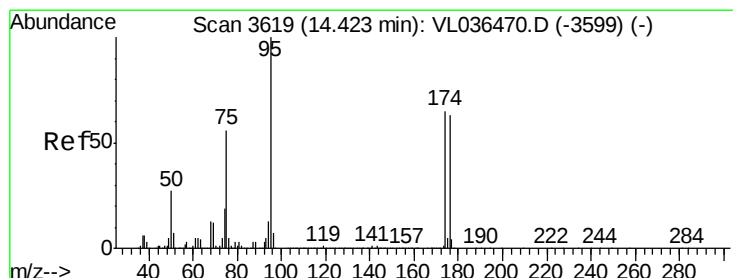
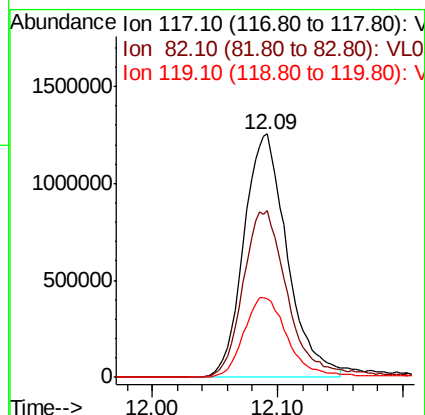
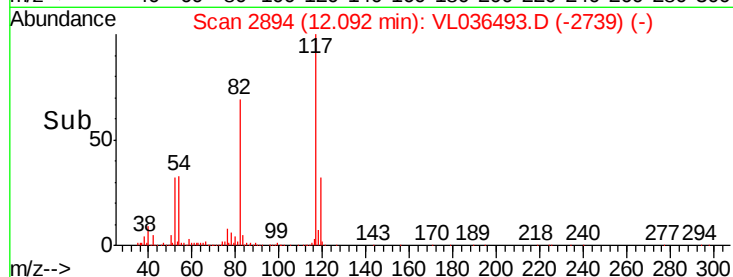
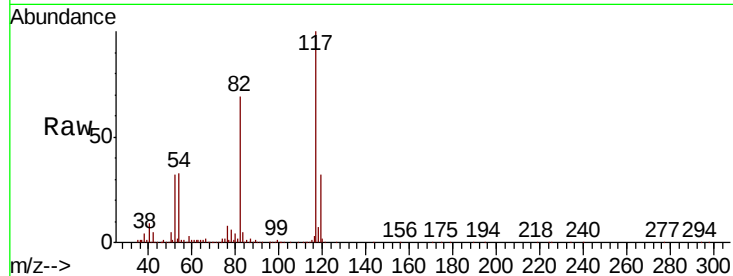


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled:
GOI-SG-1(2021)DL
Acq: 25 Mar 2021 19:22

Tot Ion: 1
Ion Ratio
117 100
82 73.
119 33.

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.065 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL036493.D
Acq: 25 Mar 2021 19:22

Tgt Ion: 95 Resp: 2416718
Ion Ratio Lower Upper
95 100
174 65.8 51.0 76.6
175 4.8 3.9 5.9

