

Data File : VL037247.D
Acq On : 29 Jun 2021 13:35
Operator : SY/AP
Sample : QC062221 CAN 10742
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC062221 CAN 10742

Quant Time: Jun 29 14:10:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1664612	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4750945	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	4169968	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3082522	9.76	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

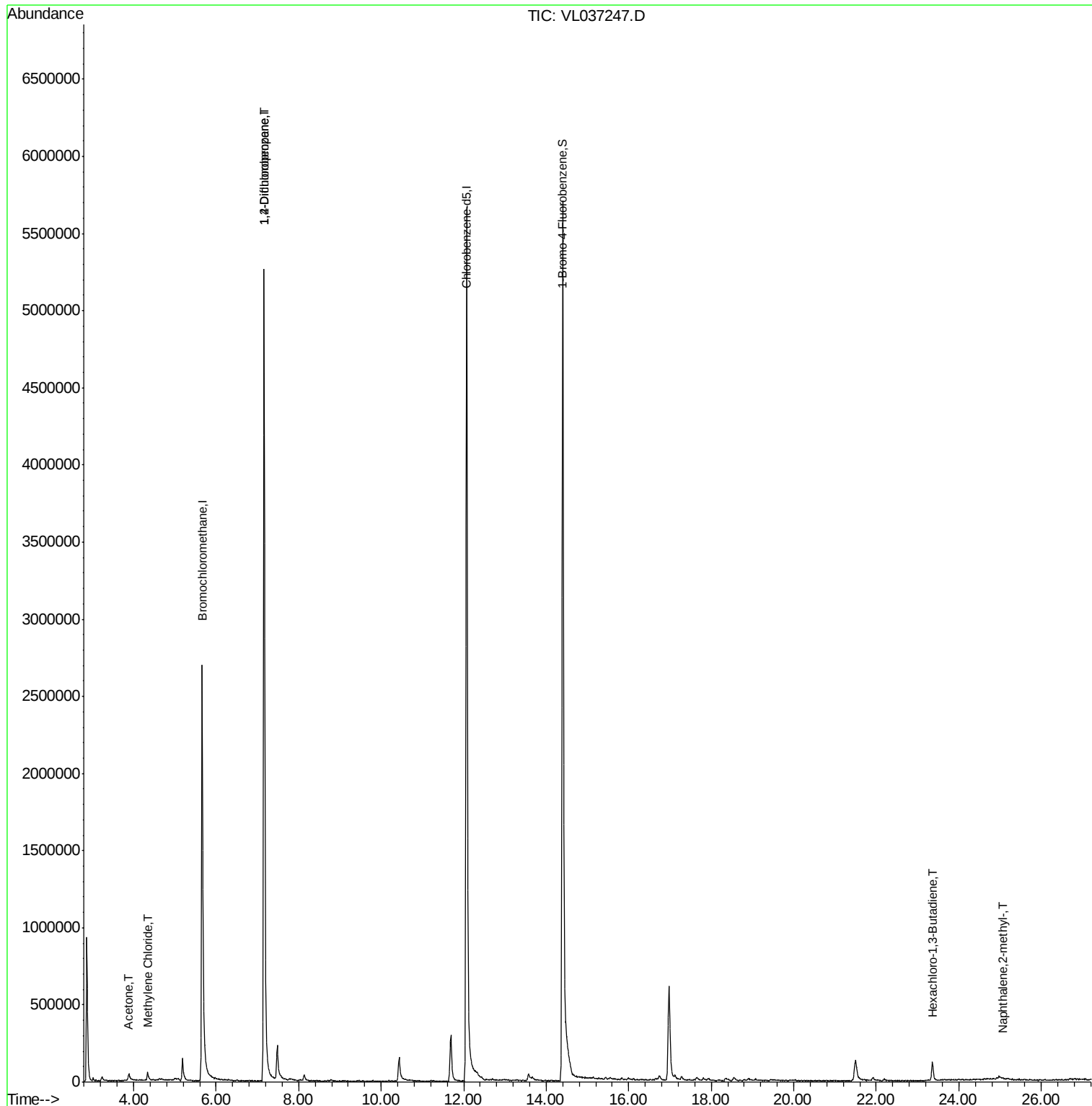
Target Compounds					Qvalue	
15) Acetone	3.88	43	30882	0.165	ppbv #	45
20) Methylene Chloride	4.34	84	19121	0.170	ppbv #	95
39) 1,2-Dichloropropane	7.16	63	1146247	8.029	ppbv #	22
78) Hexachloro-1,3-Butadiene	23.36	225	16503	0.062	ppbv #	18
80) Naphthalene,2-methyl-	25.06	142	6860	0.060	ppbv	87

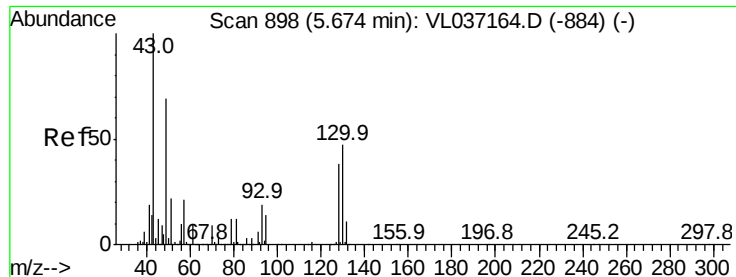
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.02 min

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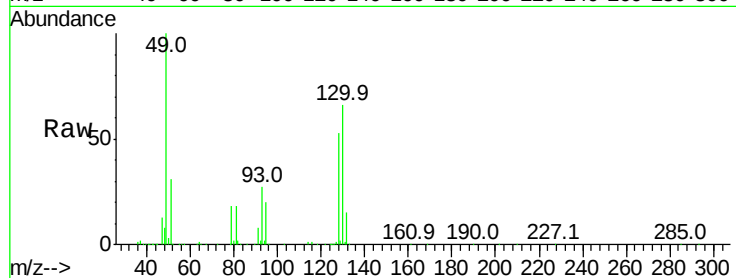
Tgt Ion: 49 Resp: 1664612

Ion Ratio Lower Upper

49 100

128 55.6 29.3 88.0

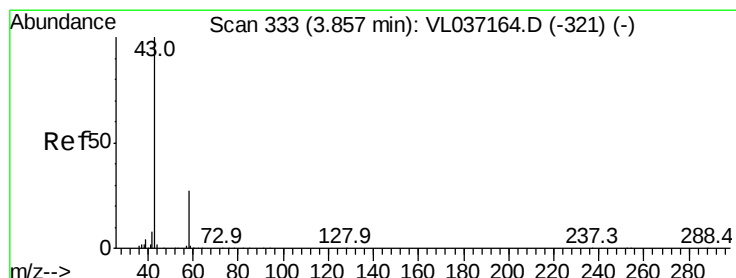
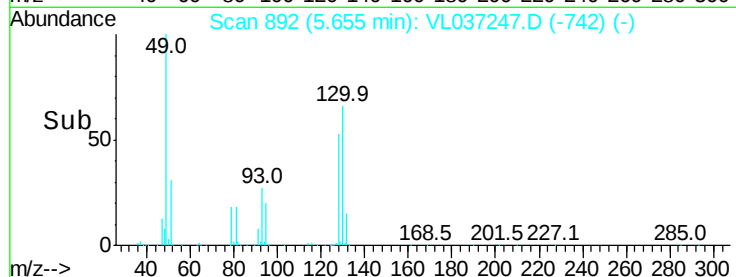
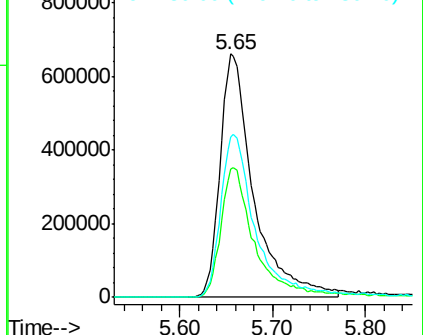
130 71.7 35.9 107.8



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



#15

Acetone

Concen: 0.165 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.02 min

Lab File: VL037247.D

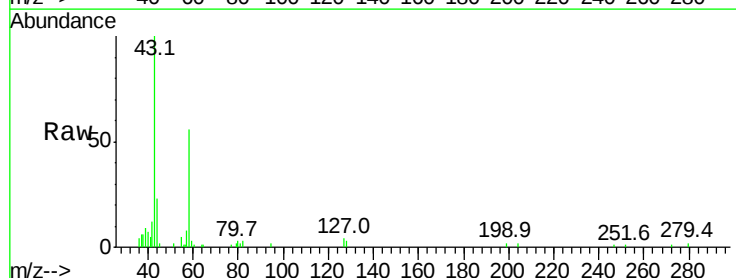
Acq: 29 Jun 2021 13:35

Tgt Ion: 43 Resp: 30882

Ion Ratio Lower Upper

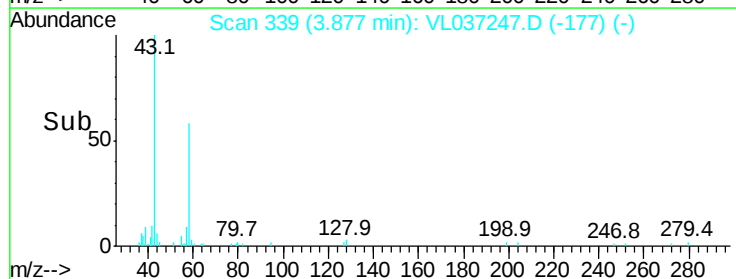
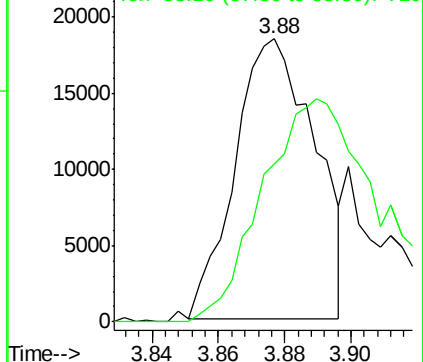
43 100

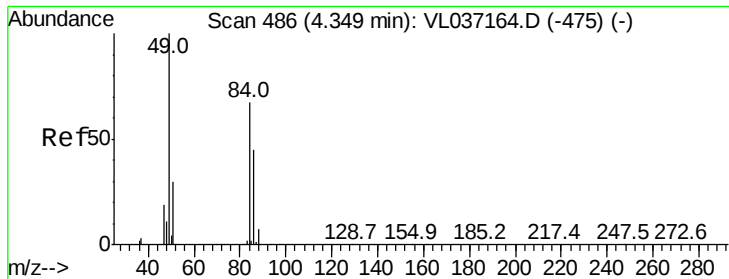
58 0.0 23.7 35.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

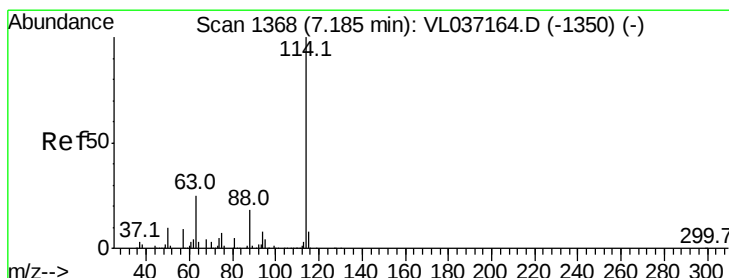
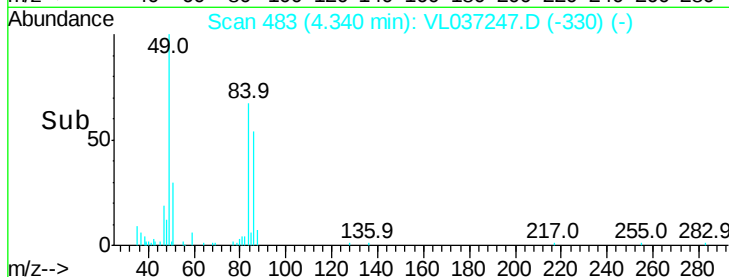
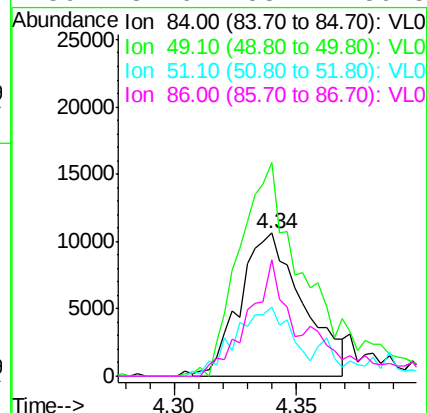
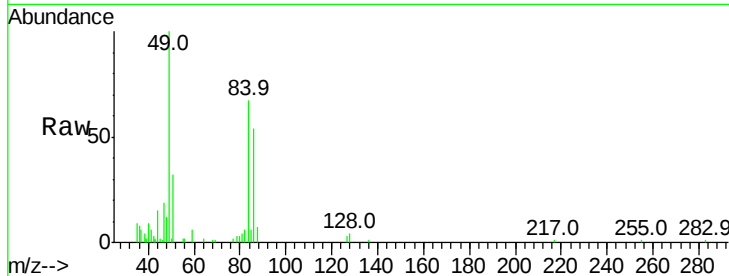




#20
Methylene Chloride
Concen: 0.170 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
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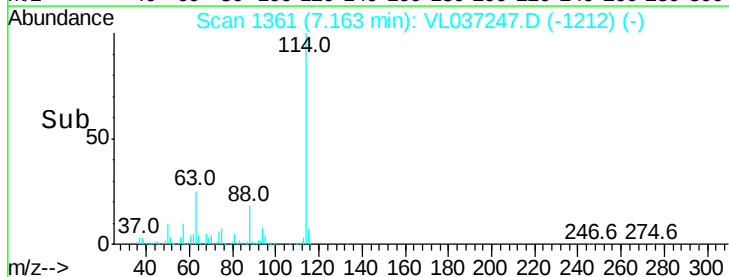
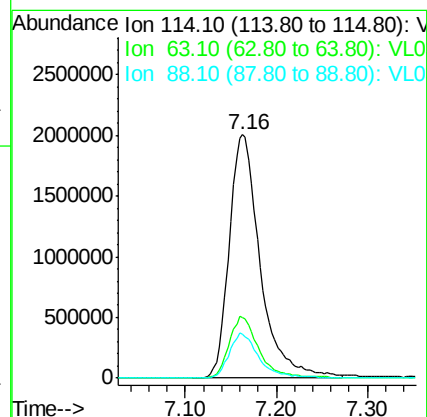
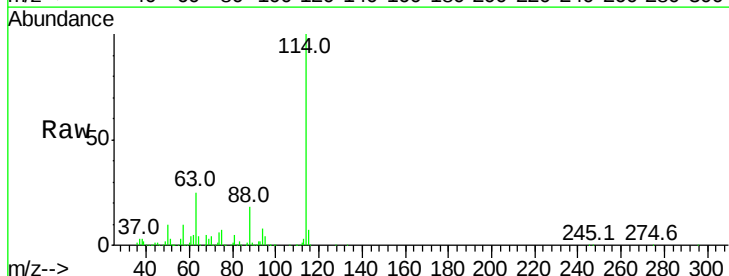
Instrument :
MSVOA_L
ClientSampleId :
QC062221 CAN 10742

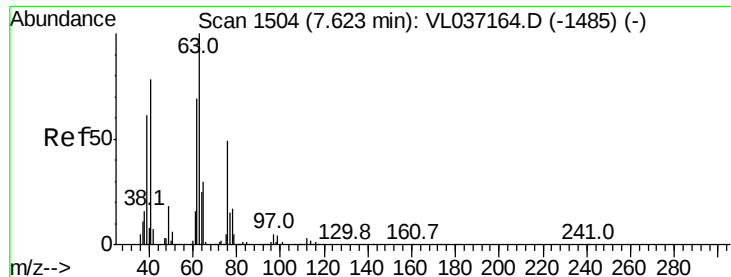
Tgt Ion:	84	Resp:	19121
Ion	Ratio	Lower	Upper
84	100		
49	149.5	119.7	179.5
51	44.6	36.1	54.1
86	82.6	53.7	80.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL037247.D
Acq: 29 Jun 2021 13:35

Tgt Ion:	114	Resp:	4750945
Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	17.9	14.2	21.2





#39

1,2-Dichloropropane

Concen: 8.029 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.46 min

Lab File: VL037247.D

Acq: 29 Jun 2021 13:35

Instrument :

MSVOA_L

ClientSampleId :

QC062221 CAN 10742

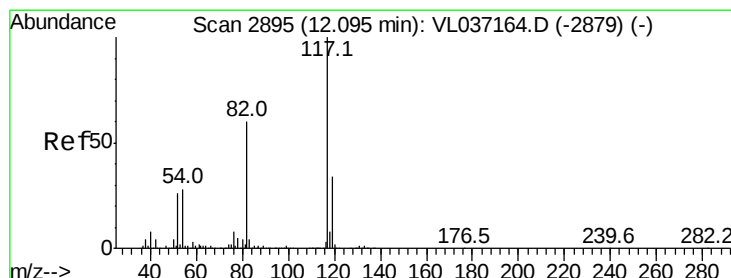
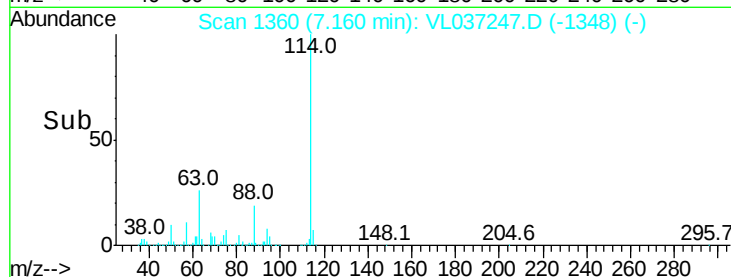
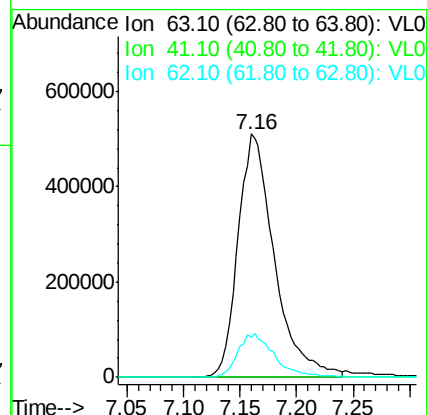
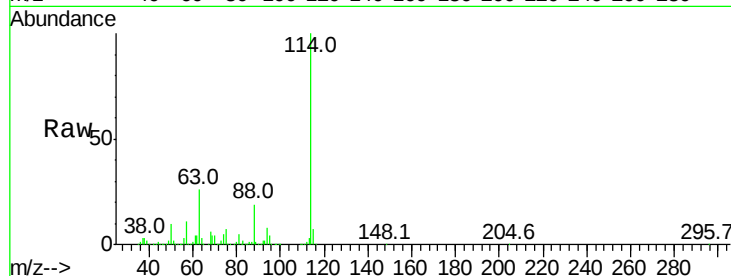
Tgt Ion: 63 Resp: 1146247

Ion Ratio Lower Upper

63 100

41 0.0 62.0 93.0#

62 16.6 54.9 82.3#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.02 min

Lab File: VL037247.D

Acq: 29 Jun 2021 13:35

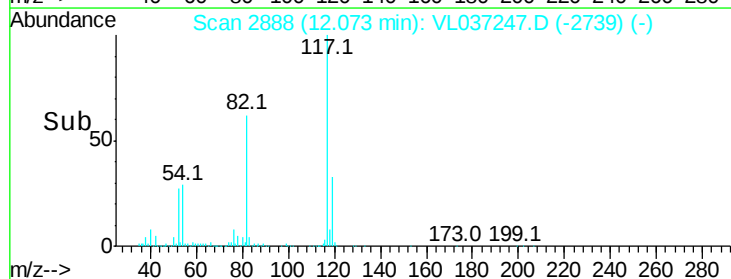
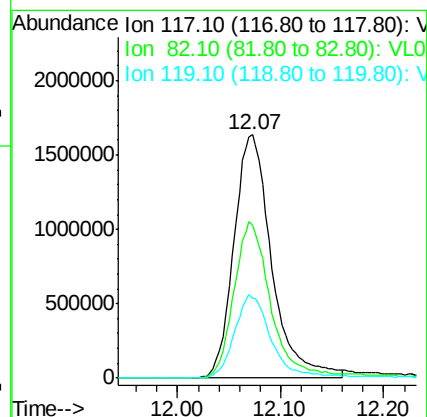
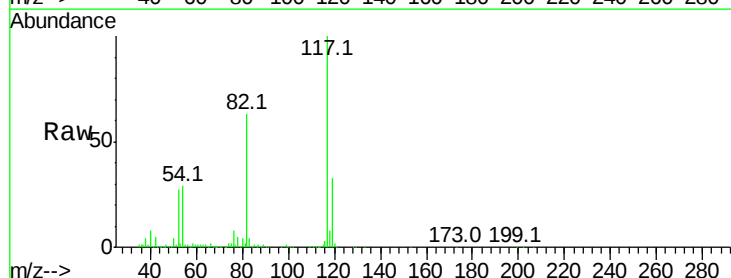
Tgt Ion: 117 Resp: 4169968

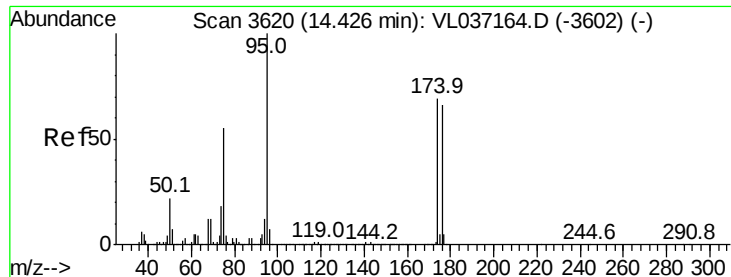
Ion Ratio Lower Upper

117 100

82 65.4 51.7 77.5

119 34.3 47.6 71.4#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.755 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.02 min

Lab File: VL037247.D

Acq: 29 Jun 2021 13:35

Instrument :

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ClientSampleId :

QC062221 CAN 10742

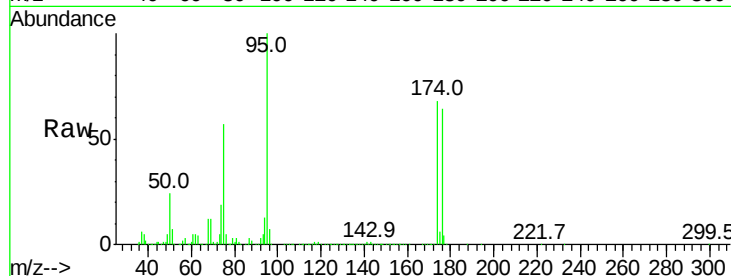
Tgt Ion: 95 Resp: 3082522

Ion Ratio Lower Upper

95 100

174 75.8 57.0 85.4

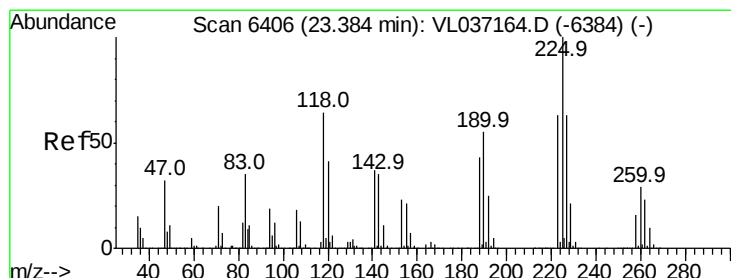
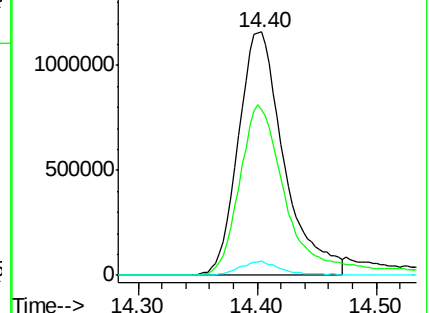
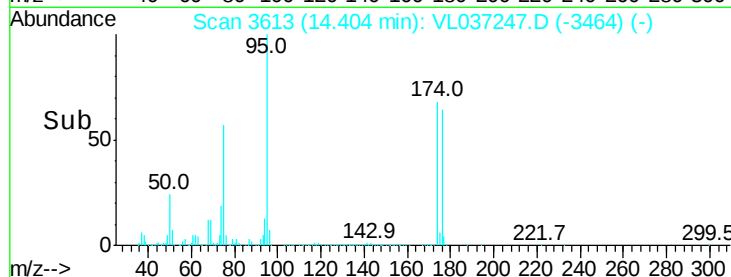
175 5.6 4.4 6.6



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



#78

Hexachloro-1,3-Butadiene

Concen: 0.062 ppbv

RT: 23.36 min Scan# 6399

Delta R.T. -0.02 min

Lab File: VL037247.D

Acq: 29 Jun 2021 13:35

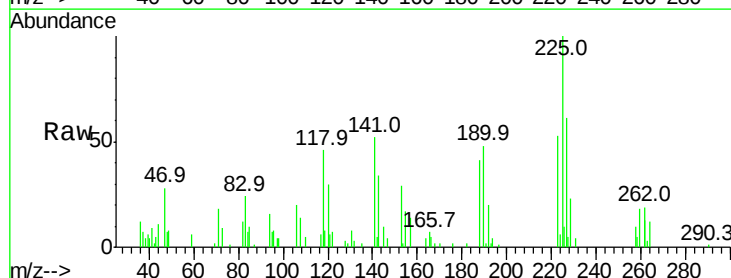
Tgt Ion: 225 Resp: 16503

Ion Ratio Lower Upper

225 100

223 129.0 51.8 77.8#

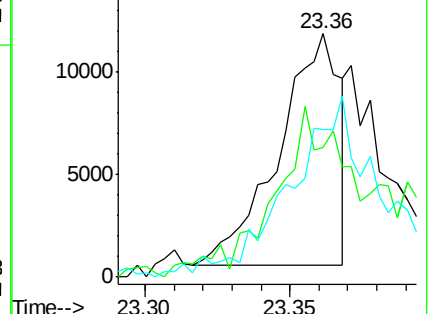
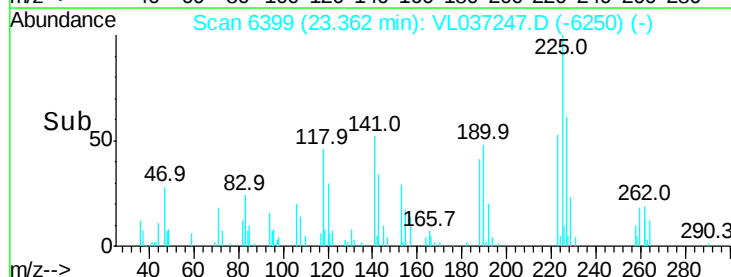
227 0.0 51.4 77.0#

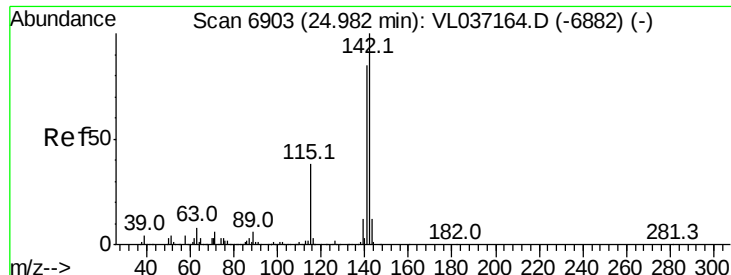


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#80

Naphthalene, 2-methyl-

Concen: 0.060 ppbv

RT: 25.06 min Scan# 6927

Delta R.T. 0.08 min

Lab File: VL037247.D

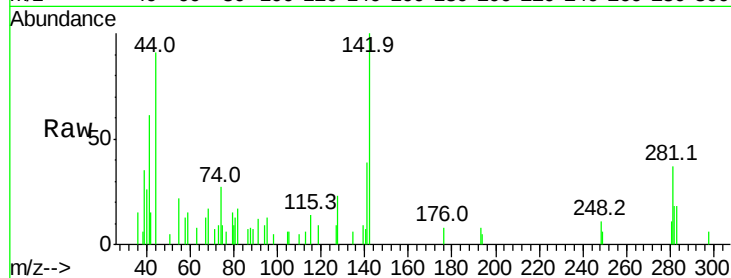
Acq: 29 Jun 2021 13:35

Instrument :

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ClientSampleId :

QC062221 CAN 10742



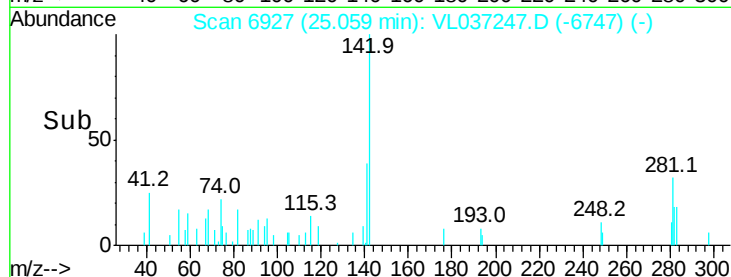
Tgt Ion:142 Resp: 6860

Ion Ratio Lower Upper

142 100

141 63.7 63.7 95.5

115 37.6 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

