

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035699.D
 Acq On : 21 Sep 2020 23:25
 Operator : SY/AP
 Sample : L3983-01DL2 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-8DL2

Quant Time: Sep 22 10:51:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	997645	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3624012	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	3697452	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2671669	10.17	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

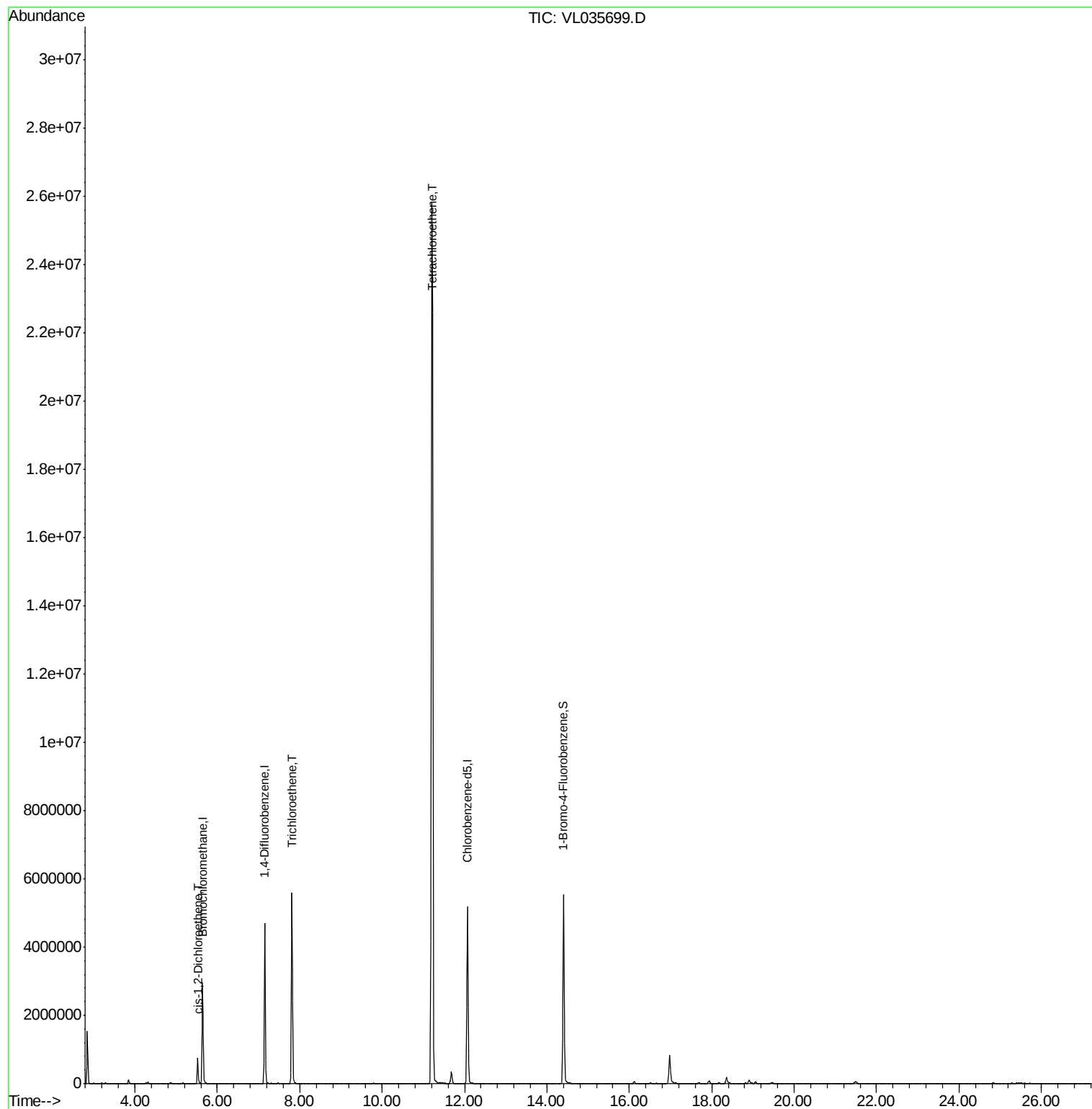
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
31) cis-1,2-Dichloroethene	5.53	61	340486	3.013	ppbv	96
38) Trichloroethene	7.81	130	1878093	13.783	ppbv	93
52) Tetrachloroethene	11.22	164	7973116	58.179	ppbv #	82

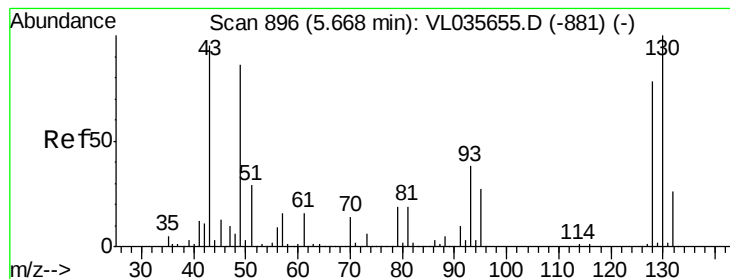
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.02 min

Lab File: VL035699.D

Acq: 21 Sep 2020 23:25

Instrument :

MSVOA_L

ClientSampleId :

SV-8DL2

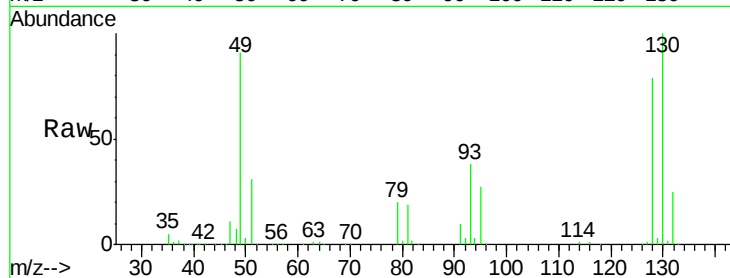
Tot Ion: 49 Resp: 997645

Ion Ratio Lower Upper

49 100

128 85.9 50.0 150.1

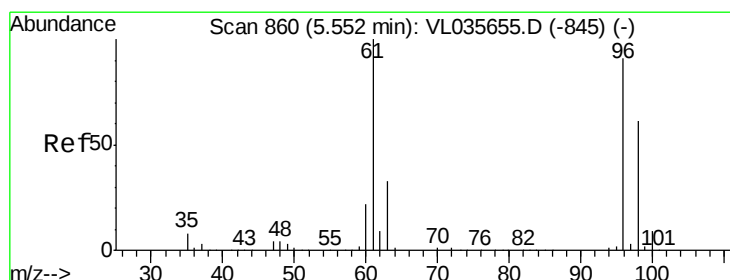
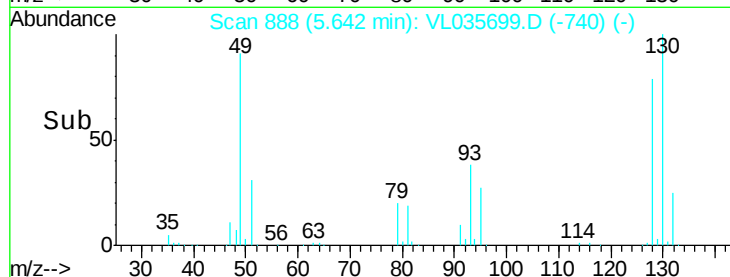
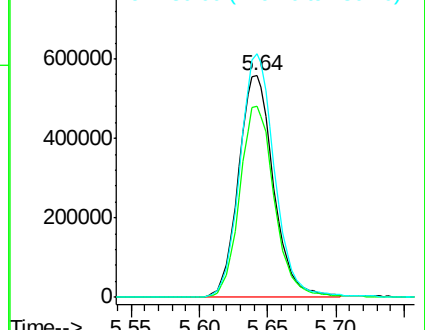
130 109.0 64.4 193.2



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



#31

cis-1,2-Dichloroethene

Concen: 3.013 ppbv

RT: 5.53 min Scan# 852

Delta R.T. -0.02 min

Lab File: VL035699.D

Acq: 21 Sep 2020 23:25

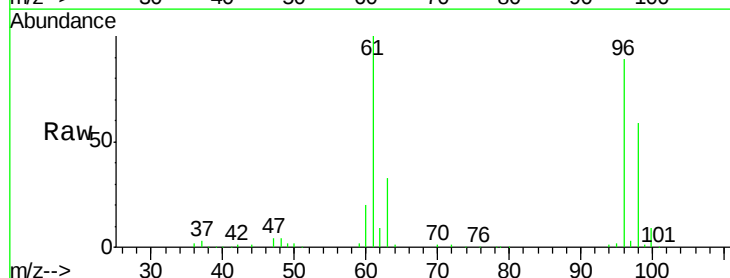
Tgt Ion: 61 Resp: 340486

Ion Ratio Lower Upper

61 100

96 89.2 74.4 111.6

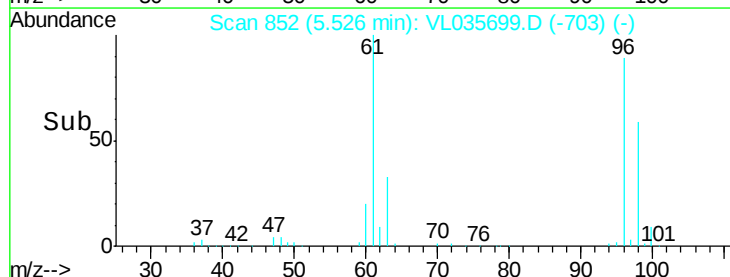
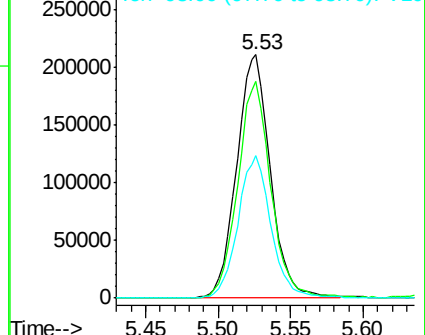
98 58.7 49.2 73.8

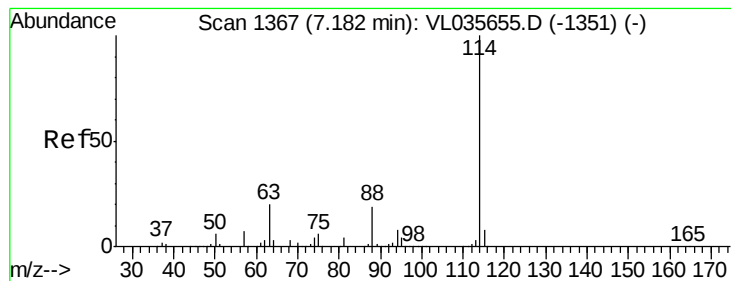


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.03 min

Lab File: VL035699.D

Acq: 21 Sep 2020 23:25

Instrument :

MSVOA_L

ClientSampled :

SV-8DL2

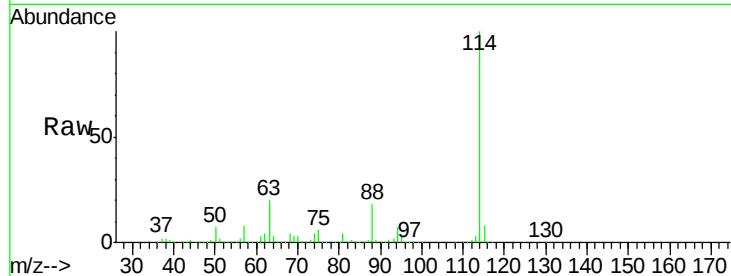
Tot Ion:114 Resp: 3624012

Ion Ratio Lower Upper

114 100

63 19.4 14.7 22.1

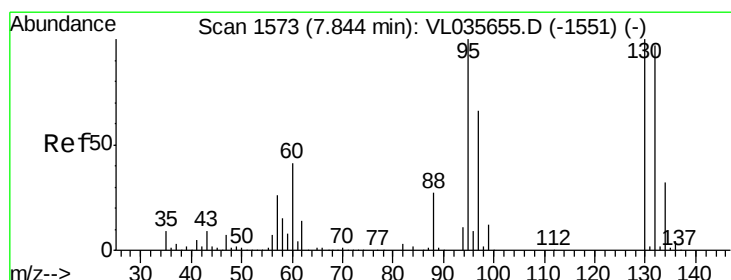
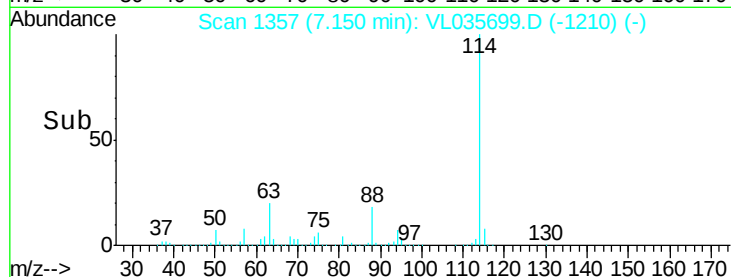
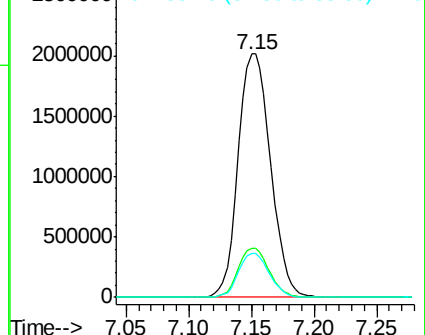
88 17.3 13.4 20.2



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



#38

Trichloroethene

Concen: 13.783 ppbv

RT: 7.81 min Scan# 1563

Delta R.T. -0.03 min

Lab File: VL035699.D

Acq: 21 Sep 2020 23:25

Tgt Ion:130 Resp: 1878093

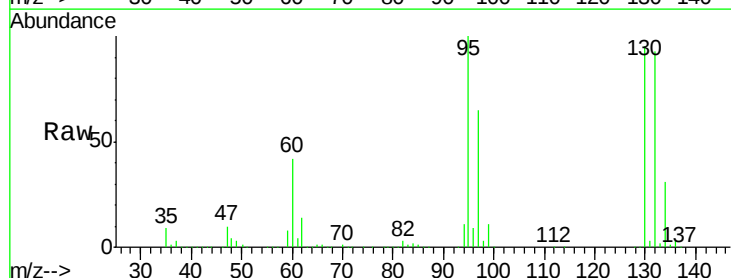
Ion Ratio Lower Upper

130 100

95 105.3 74.6 112.0

132 98.2 77.6 116.4

97 68.6 50.6 76.0

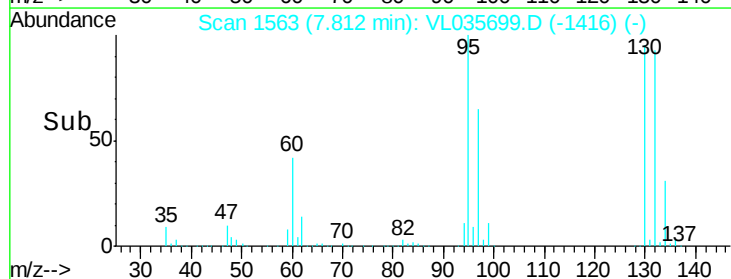
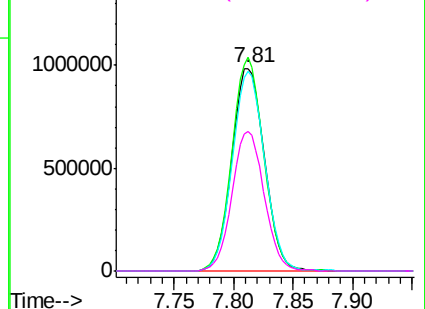


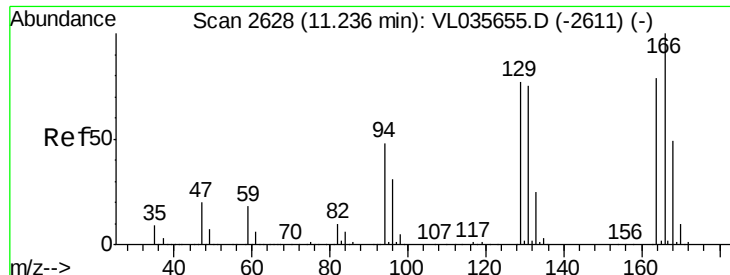
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

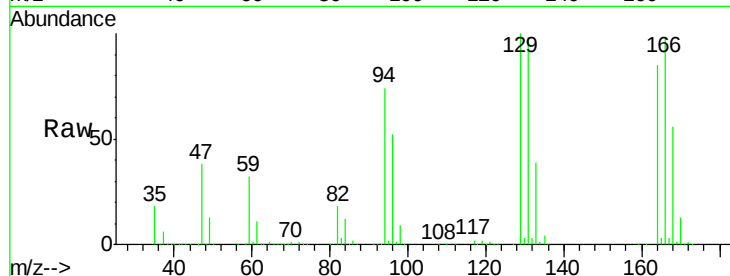




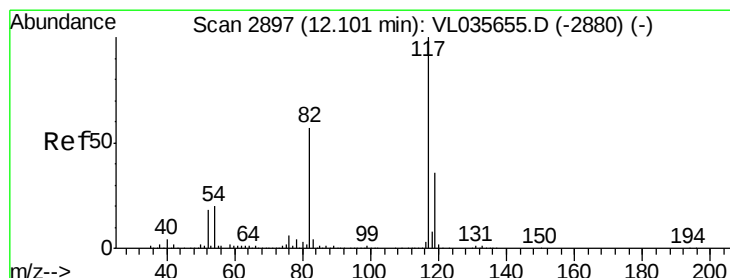
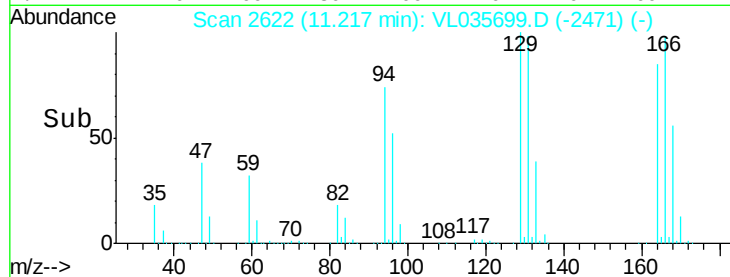
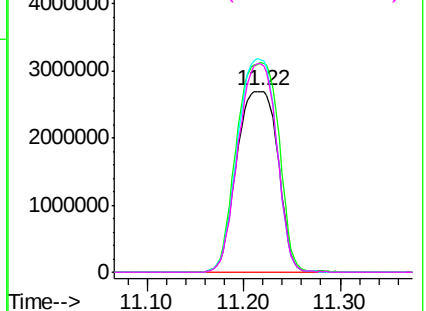
#52
Tetrachloroethene
Concen: 58.179 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL035699.D
Acq: 21 Sep 2020 23:25

Instrument :
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SV-8DL2

Tot Ion:164 Resp: 7973116
Ion Ratio Lower Upper
164 100
166 115.6 100.9 151.3
129 117.4 75.3 112.9#
131 115.4 73.0 109.4#

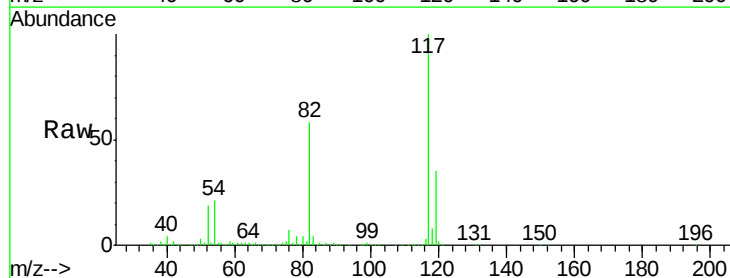


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

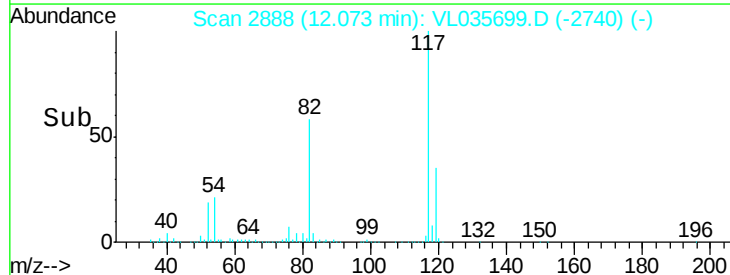
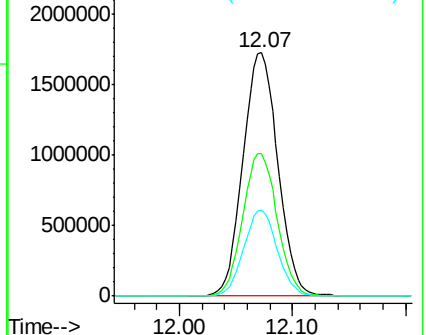


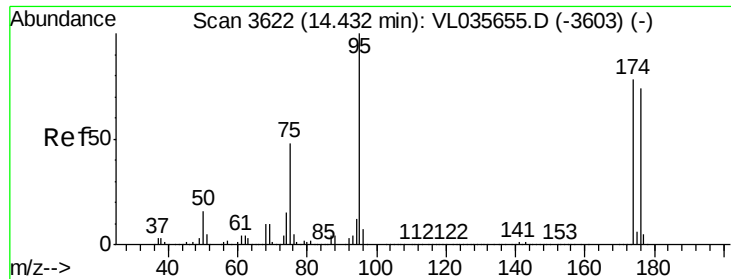
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL035699.D
Acq: 21 Sep 2020 23:25

Tgt Ion:117 Resp: 3697452
Ion Ratio Lower Upper
117 100
82 58.0 41.6 62.4
119 34.1 29.3 43.9



Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.175 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.03 min

Lab File: VL035699.D

Acq: 21 Sep 2020 23:25

Instrument :

MSVOA_L

ClientSampleId :

SV-8DL2

Tot Ion: 95 Resp: 2671669

Ion Ratio Lower Upper

95 100

174 77.6 69.6 104.4

175 5.6 5.1 7.7

