

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035685.D
 Acq On : 21 Sep 2020 14:34
 Operator : SY/AP
 Sample : L4016-01DL 400X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-13DL

Quant Time: Sep 22 10:40:01 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	5.63	49	1031303	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3964799	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3980655	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2922122	10.34	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

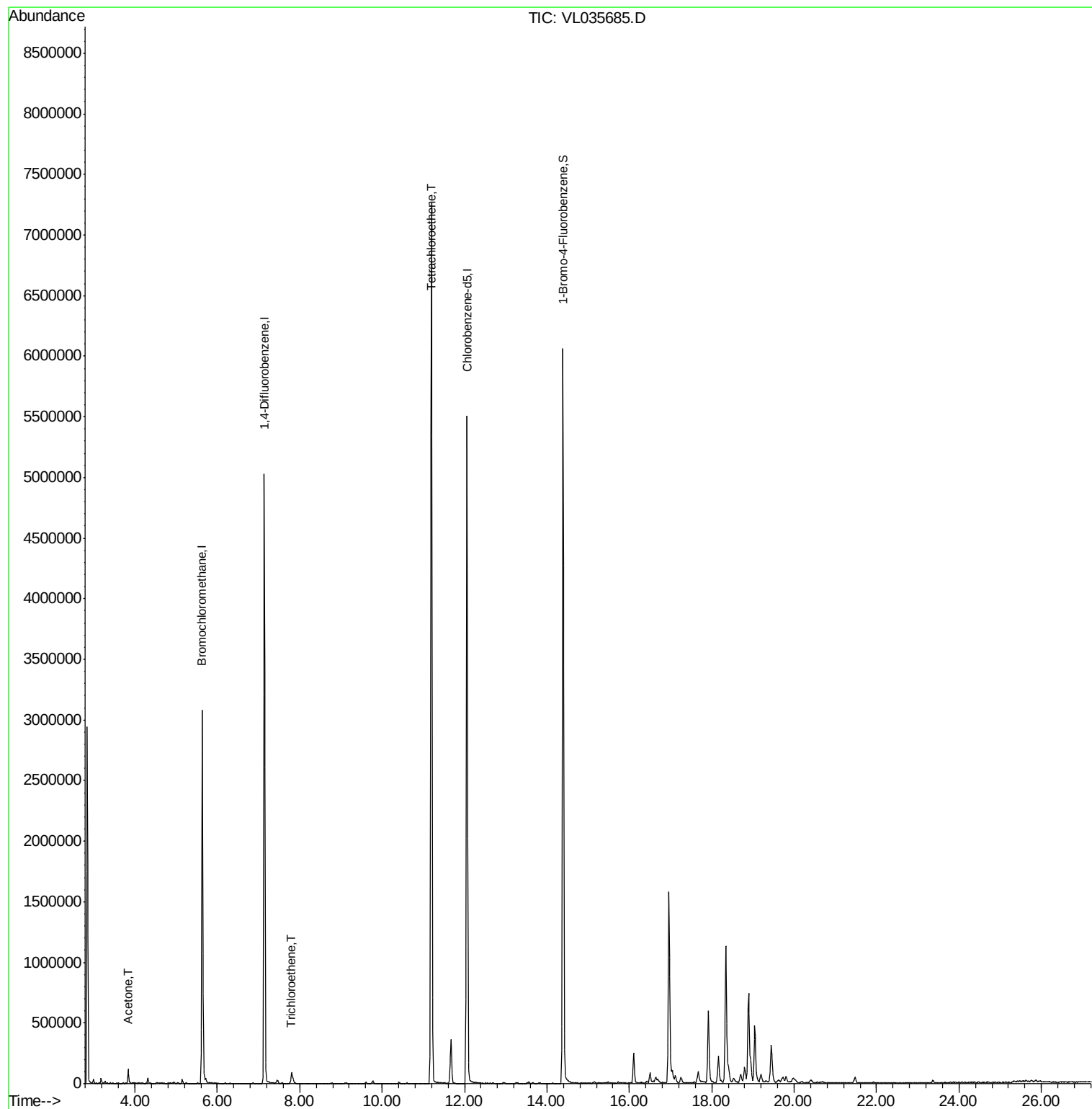
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	107059	0.941	ppbv	92
38) Trichloroethene	7.80	130	31913	0.214	ppbv	93
52) Tetrachloroethene	11.19	164	2004163	13.367	ppbv	98

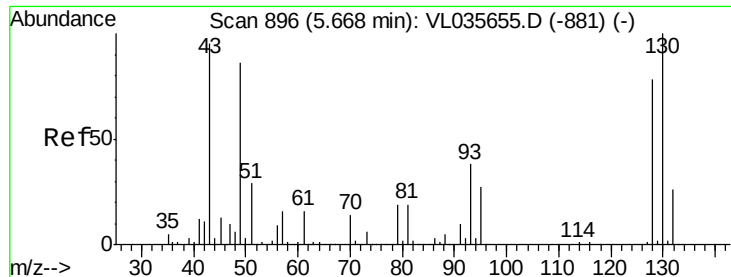
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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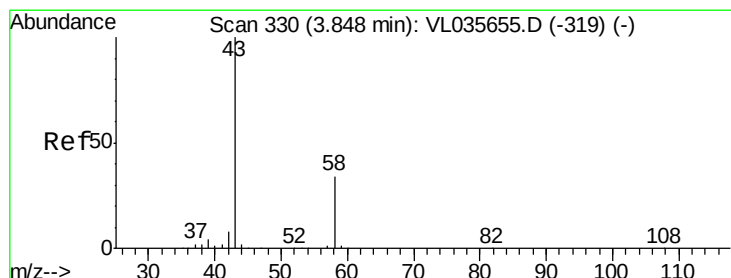
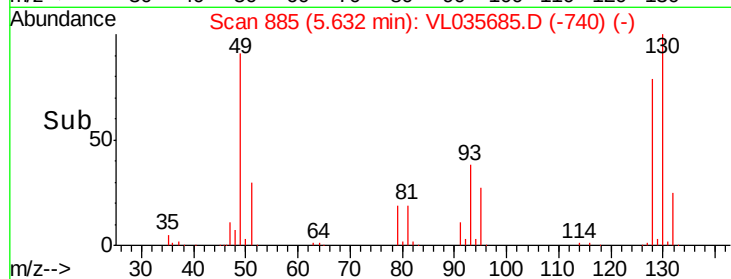
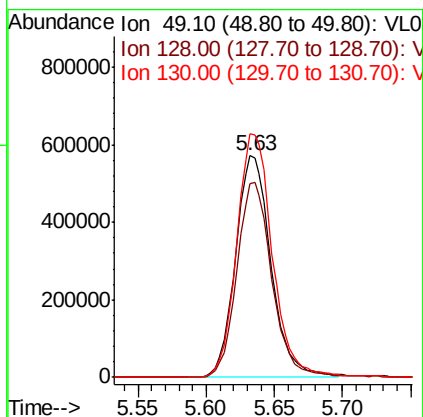
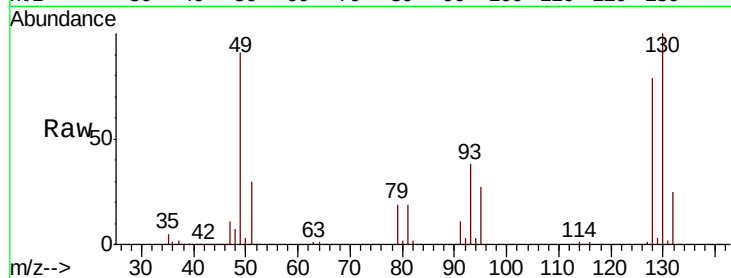




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.63 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: VL035685.D
 Acq: 21 Sep 2020 14:34

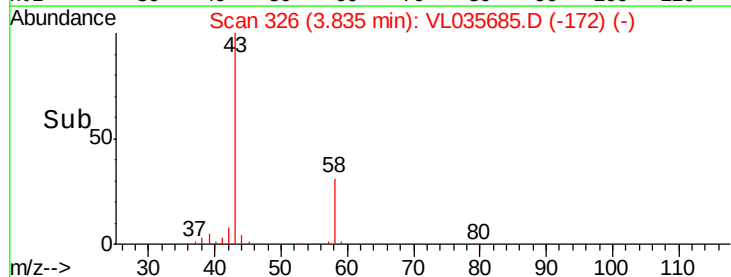
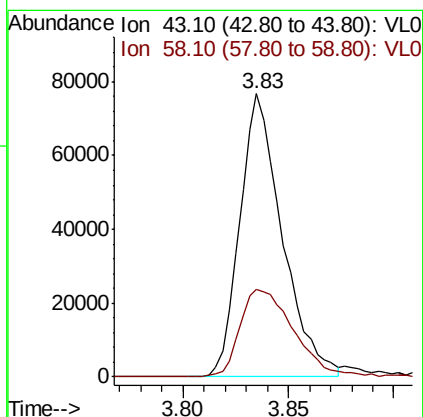
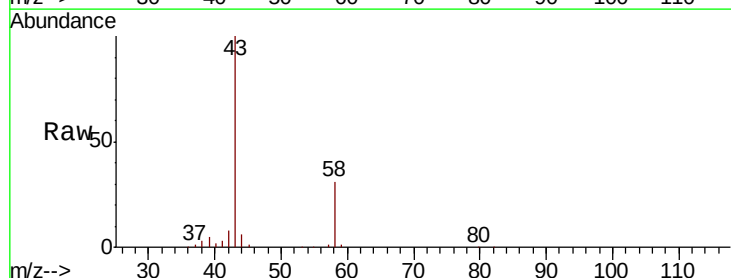
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-13DL

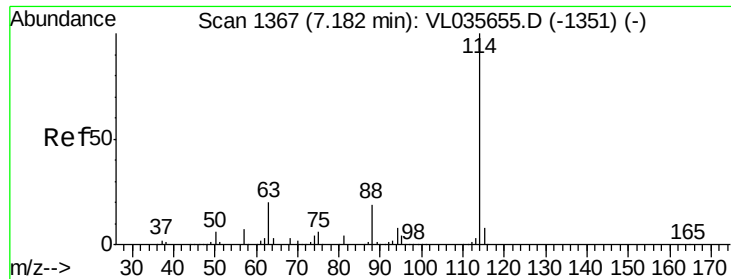
Tot Ion: 49 Resp: 1031303
 Ion Ratio Lower Upper
 49 100
 128 88.0 50.0 150.1
 130 111.8 64.4 193.2



#15
 Acetone
 Concen: 0.941 ppbv
 RT: 3.83 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VL035685.D
 Acq: 21 Sep 2020 14:34

Tgt Ion: 43 Resp: 107059
 Ion Ratio Lower Upper
 43 100
 58 40.1 28.4 42.6

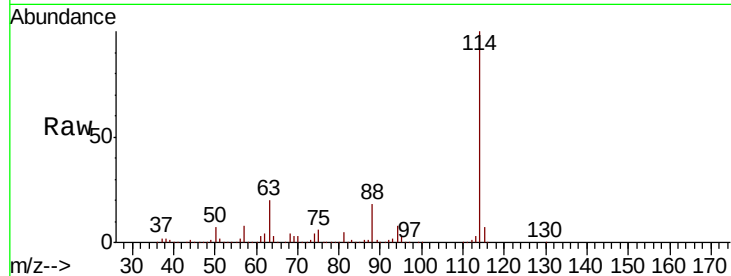




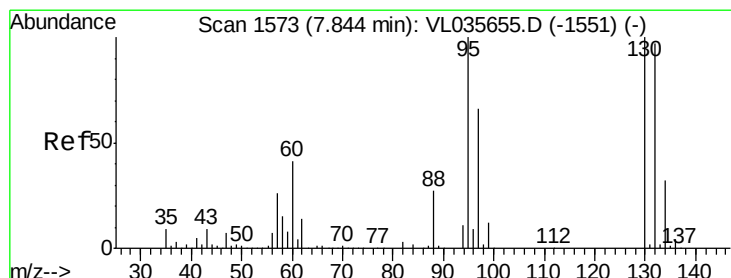
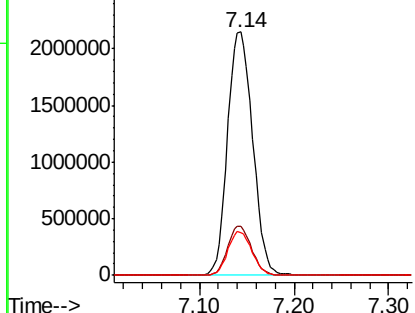
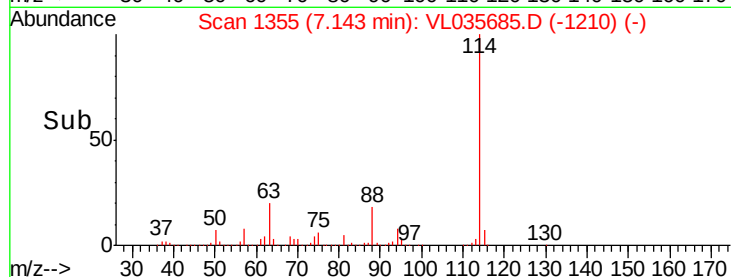
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.03 min
 Lab File: VL035685.D
 Acq: 21 Sep 2020 14:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-13DL

Tot Ion:114 Resp: 3964799
 Ion Ratio Lower Upper
 114 100
 63 19.4 14.7 22.1
 88 17.2 13.4 20.2

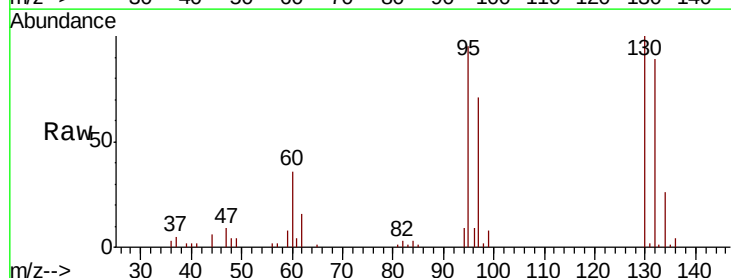


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

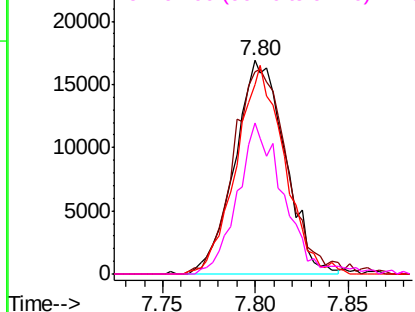
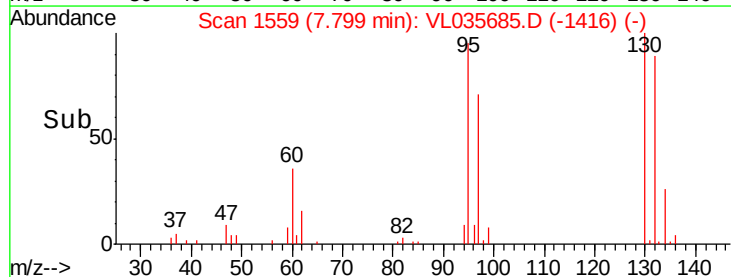


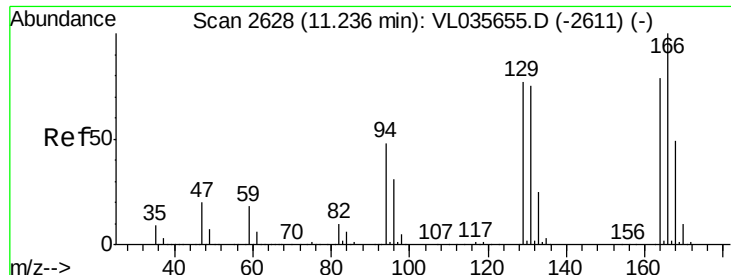
#38
 Trichloroethene
 Concen: 0.214 ppbv
 RT: 7.80 min Scan# 1559
 Delta R.T. -0.04 min
 Lab File: VL035685.D
 Acq: 21 Sep 2020 14:34

Tgt Ion:130 Resp: 31913
 Ion Ratio Lower Upper
 130 100
 95 94.0 74.6 112.0
 132 87.2 77.6 116.4
 97 70.9 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

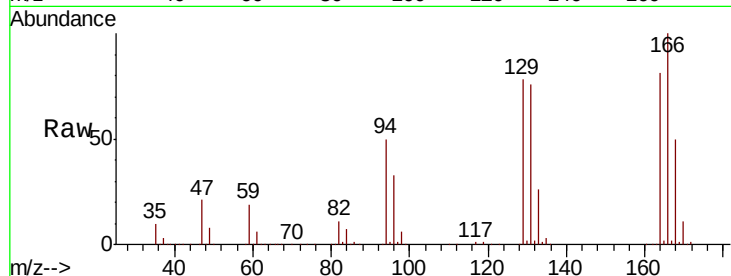




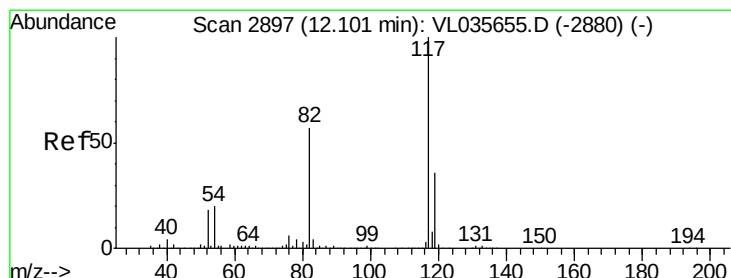
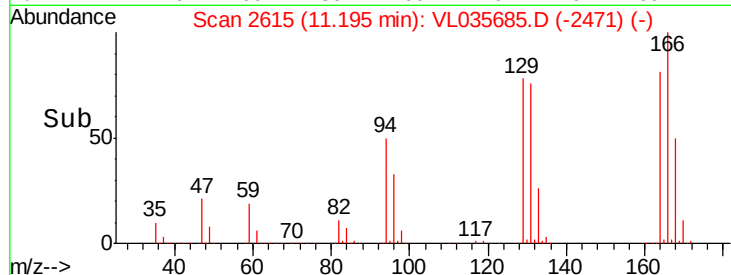
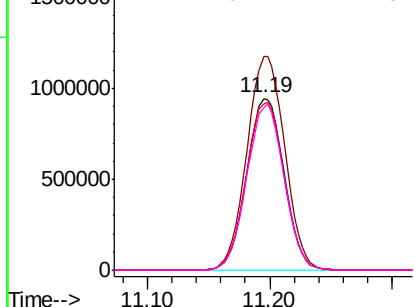
#52
Tetrachloroethene
Concen: 13.367 ppbv
RT: 11.19 min Scan# 2615
Delta R.T. -0.04 min
Lab File: VL035685.D
Acq: 21 Sep 2020 14:34

Instrument :
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ClientSampleId :
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Tot Ion:164 Resp: 2004163
Ion Ratio Lower Upper
164 100
166 124.2 100.9 151.3
129 97.0 75.3 112.9
131 94.2 73.0 109.4

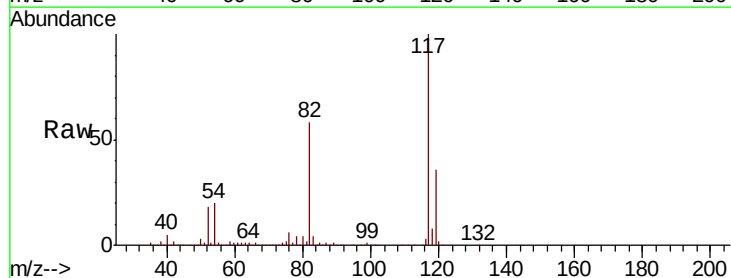


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

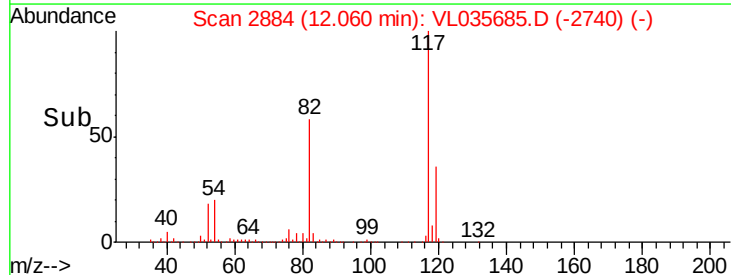
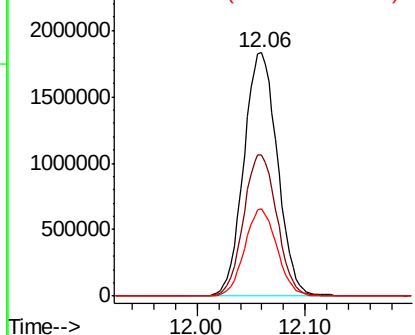


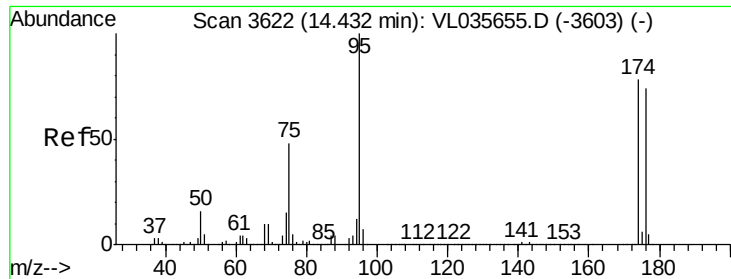
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL035685.D
Acq: 21 Sep 2020 14:34

Tgt Ion:117 Resp: 3980655
Ion Ratio Lower Upper
117 100
82 57.9 41.6 62.4
119 34.6 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: 10.337 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.04 min

Lab File: VL035685.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_L

ClientSampleId :

SV-13DL

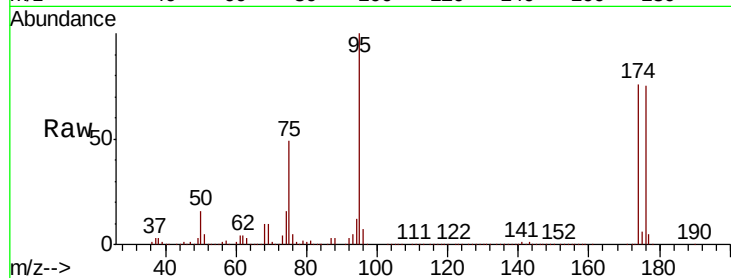
Tot Ion: 95 Resp: 2922122

Ion Ratio Lower Upper

95 100

174 78.0 69.6 104.4

175 5.6 5.1 7.7



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

