

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\
 Data File : VL033295.D
 Acq On : 12 Mar 2019 22:57
 Operator : SY/AP
 Sample : K1805-01DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-SS-2DL

Quant Time: Mar 13 17:57:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 13 07:17:55 2019
 QLast Update : Wed Mar 13 07:17:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	806564	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1809470	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1769598	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1404178	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

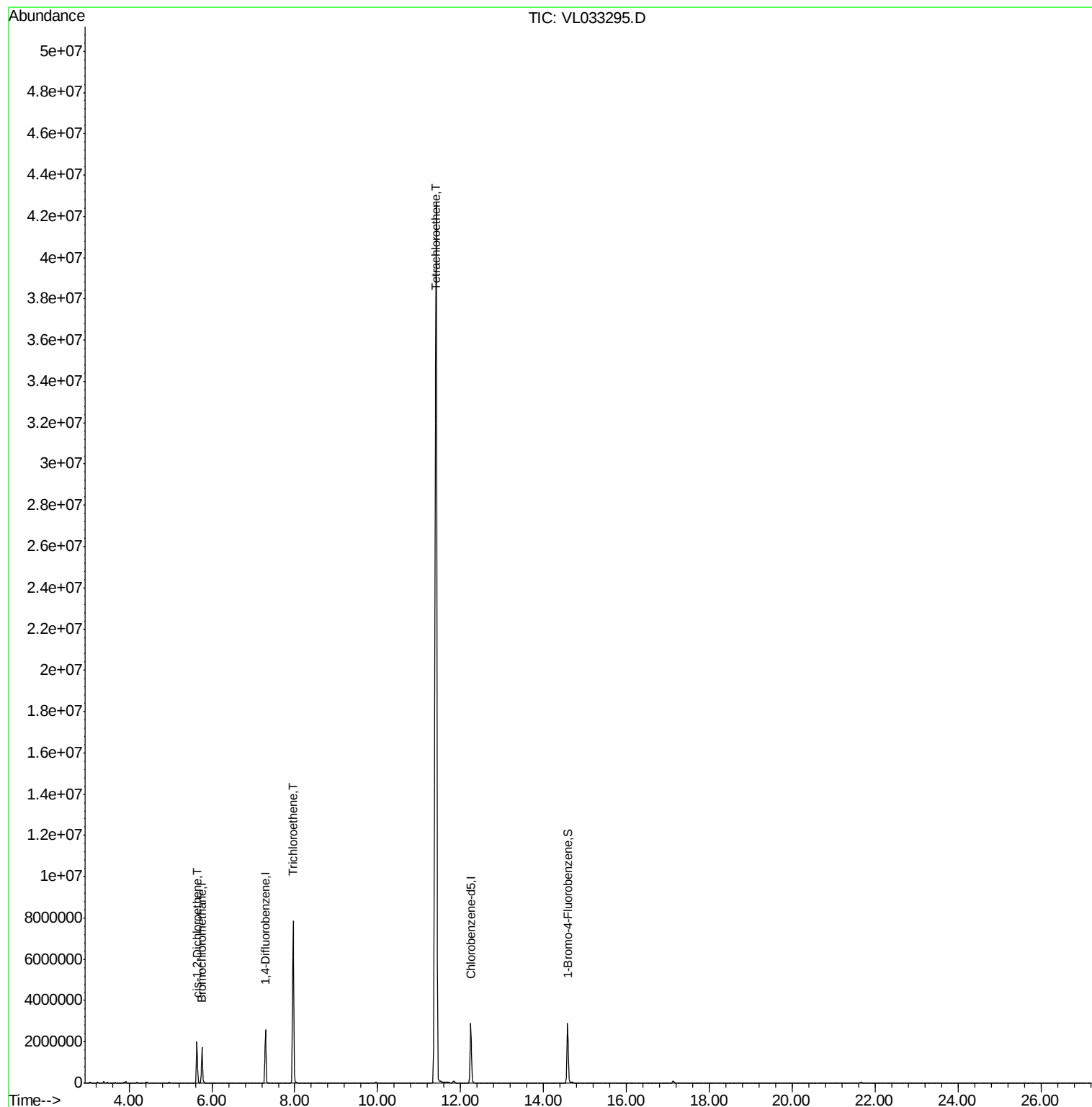
Target Compounds						Qvalue
31) cis-1,2-Dichloroethene	5.64	61	1097476	12.793	ppbv	98
38) Trichloroethene	7.96	130	2505786	38.521	ppbv	97
52) Tetrachloroethene	11.41	164	17499703	286.069	ppbv	89

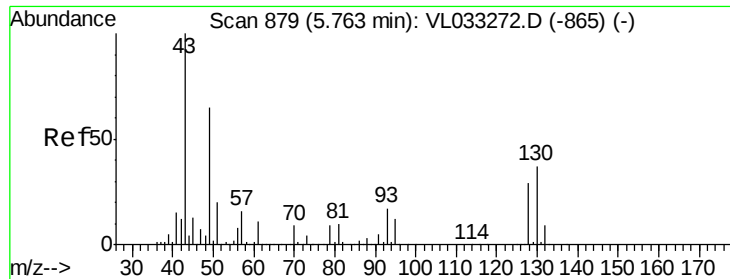
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 13 07:17:55 2019
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

Lab File: VL033295.D

Acq: 12 Mar 2019 22:57

Instrument :

MSVOA_L

ClientSampleId :

ST-SS-2DL

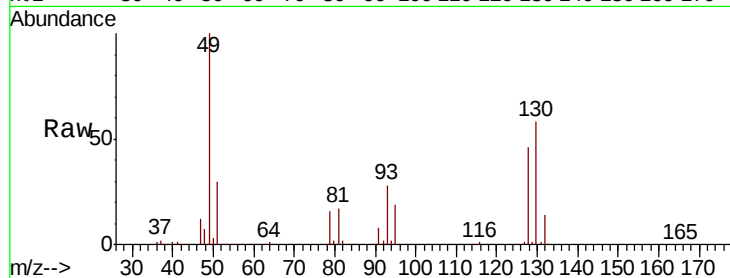
Tgt Ion: 49 Resp: 806564

Ion Ratio Lower Upper

49 100

128 46.5 23.3 69.9

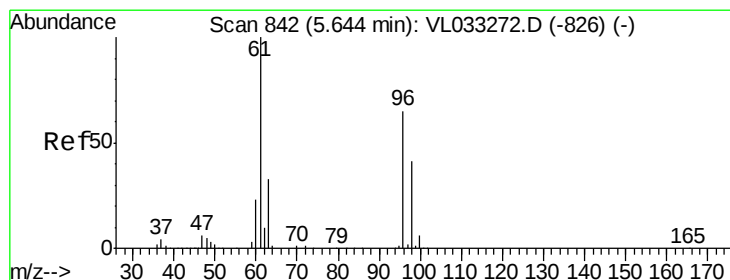
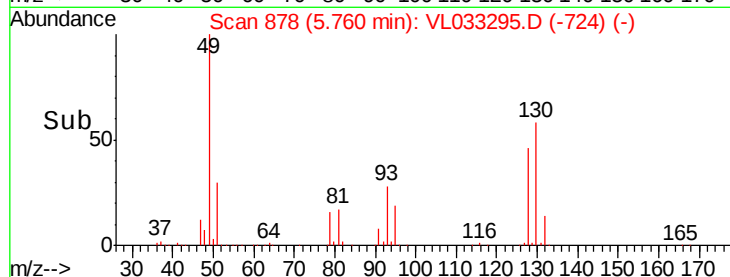
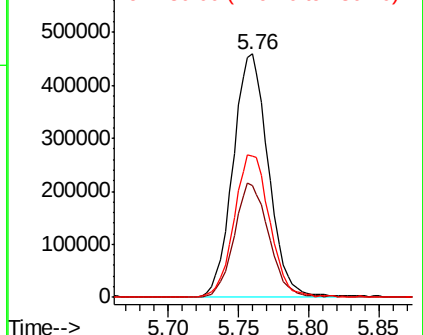
130 59.3 30.0 90.1



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: 12.793 ppbv

RT: 5.64 min Scan# 840

Delta R.T. -0.01 min

Lab File: VL033295.D

Acq: 12 Mar 2019 22:57

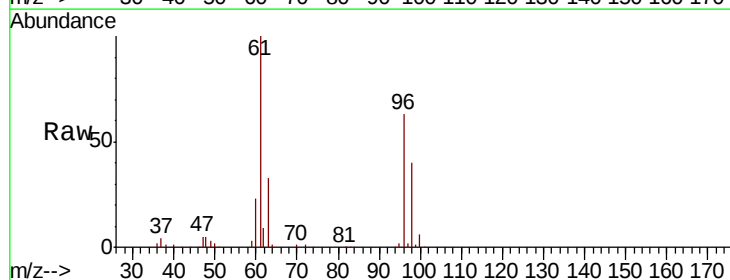
Tgt Ion: 61 Resp: 1097476

Ion Ratio Lower Upper

61 100

96 62.7 51.8 77.8

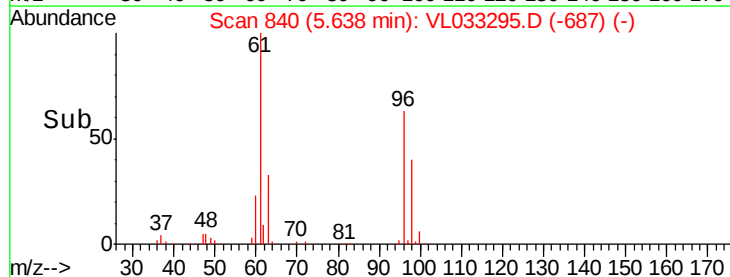
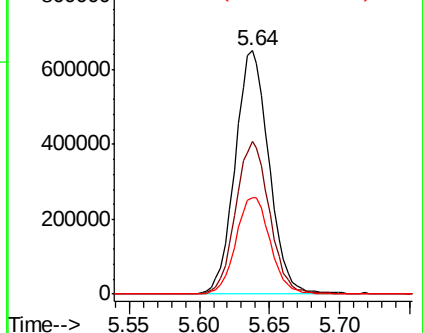
98 39.8 32.9 49.3

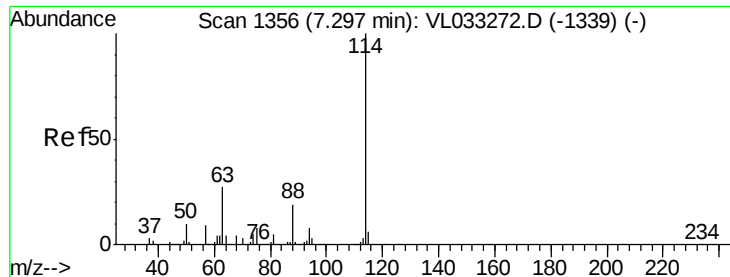


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0

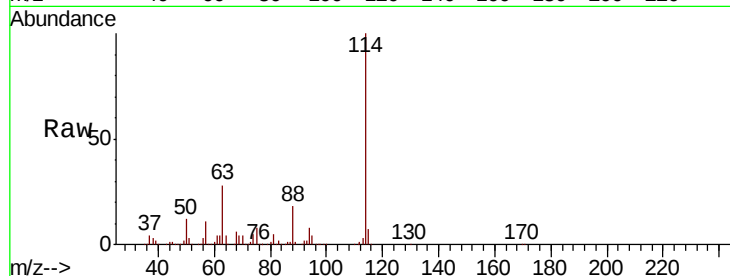




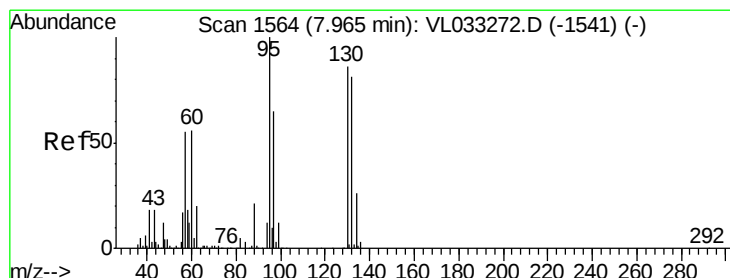
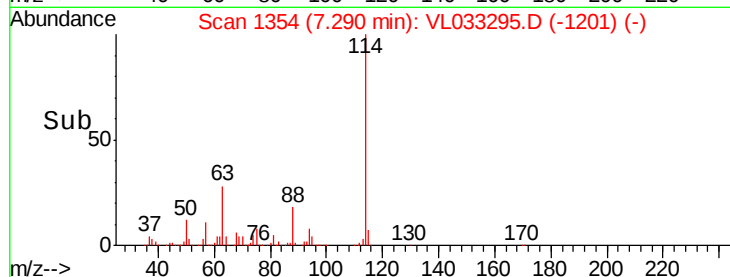
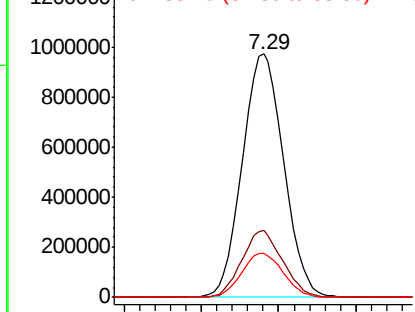
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033295.D
Acq: 12 Mar 2019 22:57

Instrument :
MSVOA_L
ClientSampleId :
ST-SS-2DL

Tgt Ion:114 Resp: 1809470
Ion Ratio Lower Upper
114 100
63 27.2 21.5 32.3
88 18.3 14.6 22.0

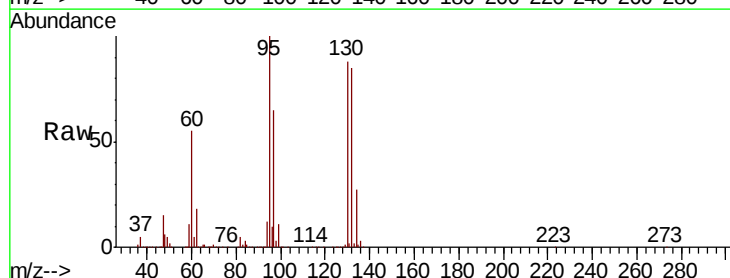


Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

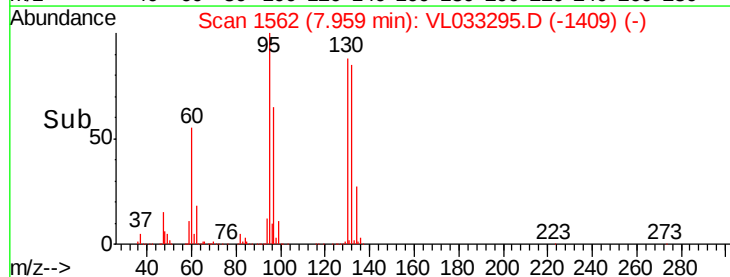
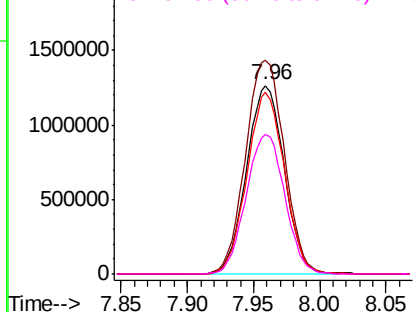


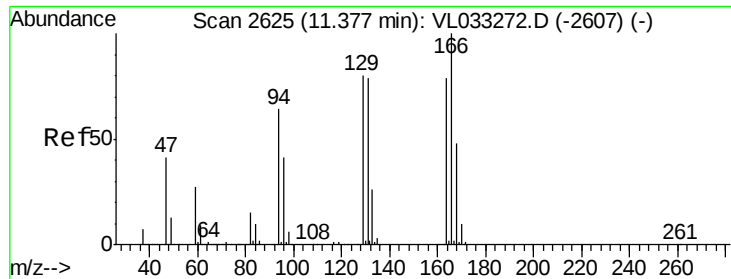
#38
Trichloroethene
Concen: 38.521 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VL033295.D
Acq: 12 Mar 2019 22:57

Tgt Ion:130 Resp: 2505786
Ion Ratio Lower Upper
130 100
95 113.2 93.3 139.9
132 96.3 75.4 113.2
97 73.8 60.6 91.0



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: 286.069 ppbv

RT: 11.41 min Scan# 2636

Delta R.T. 0.04 min

Lab File: VL033295.D

Acq: 12 Mar 2019 22:57

Instrument :

MSVOA_L

ClientSampleId :

ST-SS-2DL

Tgt Ion:164 Resp:17499703

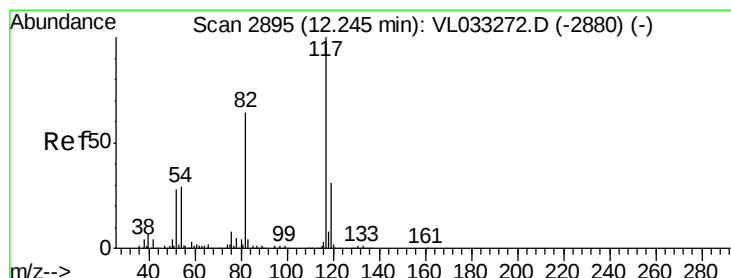
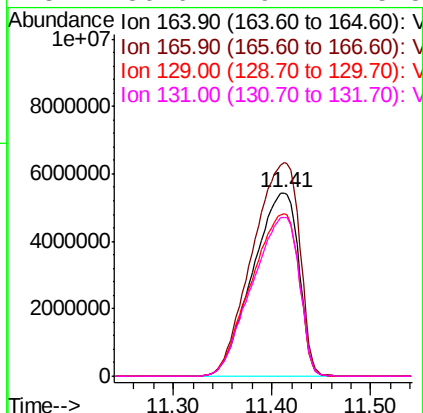
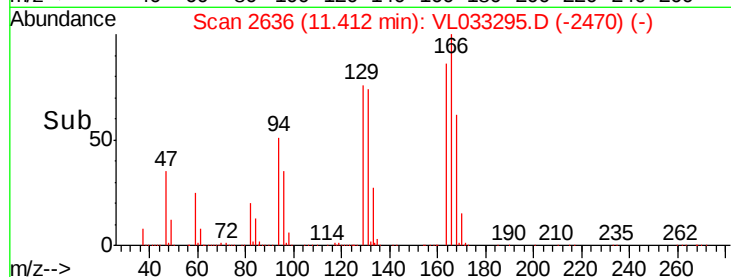
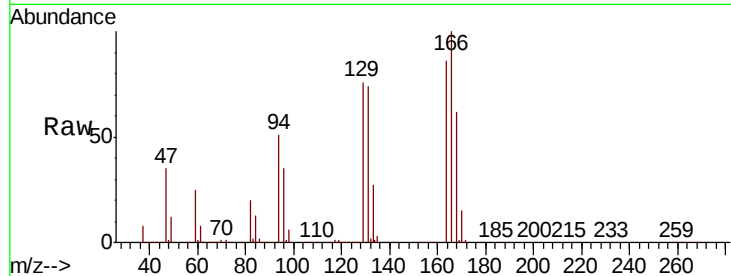
Ion Ratio Lower Upper

164 100

166 116.5 100.8 151.2

129 88.7 80.6 121.0

131 86.6 79.2 118.8



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2895

Delta R.T. -0.00 min

Lab File: VL033295.D

Acq: 12 Mar 2019 22:57

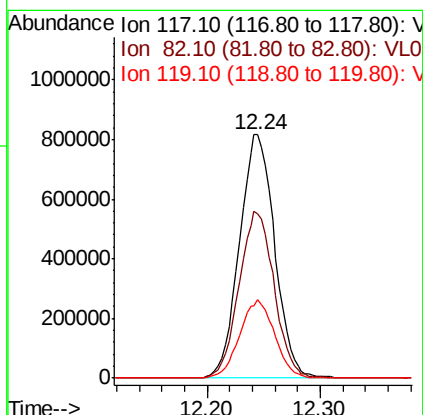
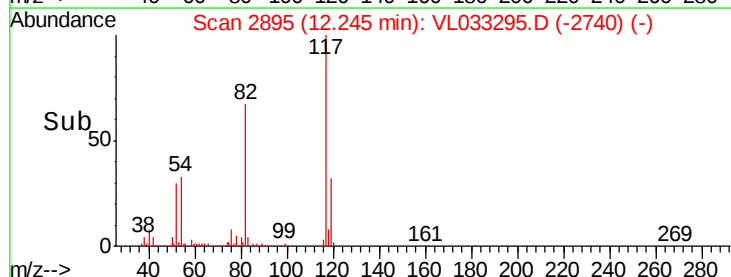
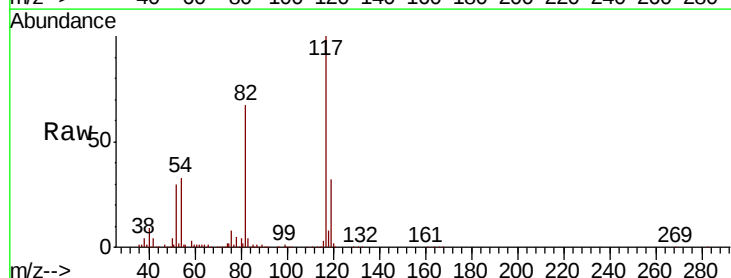
Tgt Ion:117 Resp: 1769598

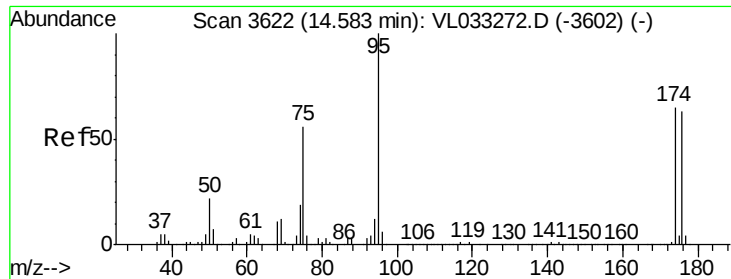
Ion Ratio Lower Upper

117 100

82 68.6 51.1 76.7

119 32.1 43.6 65.4#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.275 ppbv

RT: 14.58 min Scan# 3621

Delta R.T. -0.00 min

Lab File: VL033295.D

Acq: 12 Mar 2019 22:57

Instrument :

MSVOA_L

ClientSampleId :

ST-SS-2DL

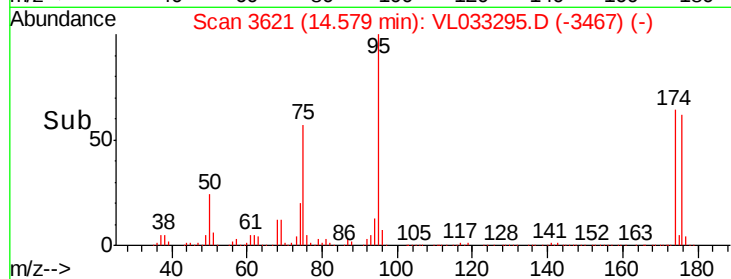
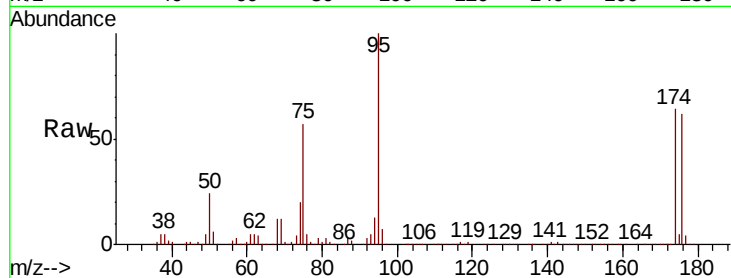
Tgt Ion: 95 Resp: 1404178

Ion Ratio Lower Upper

95 100

174 64.9 51.7 77.5

175 4.8 3.7 5.5



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

