

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070219\
 Data File : VL034000.D
 Acq On : 3 Jul 2019 1:19
 Operator : SY/AP
 Sample : OC070119 CAN 10296
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 03 04:34:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 02 19:31:31 2019
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	951142	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.26	114	2499052	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.20	117	2537859	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1963422	9.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.70%

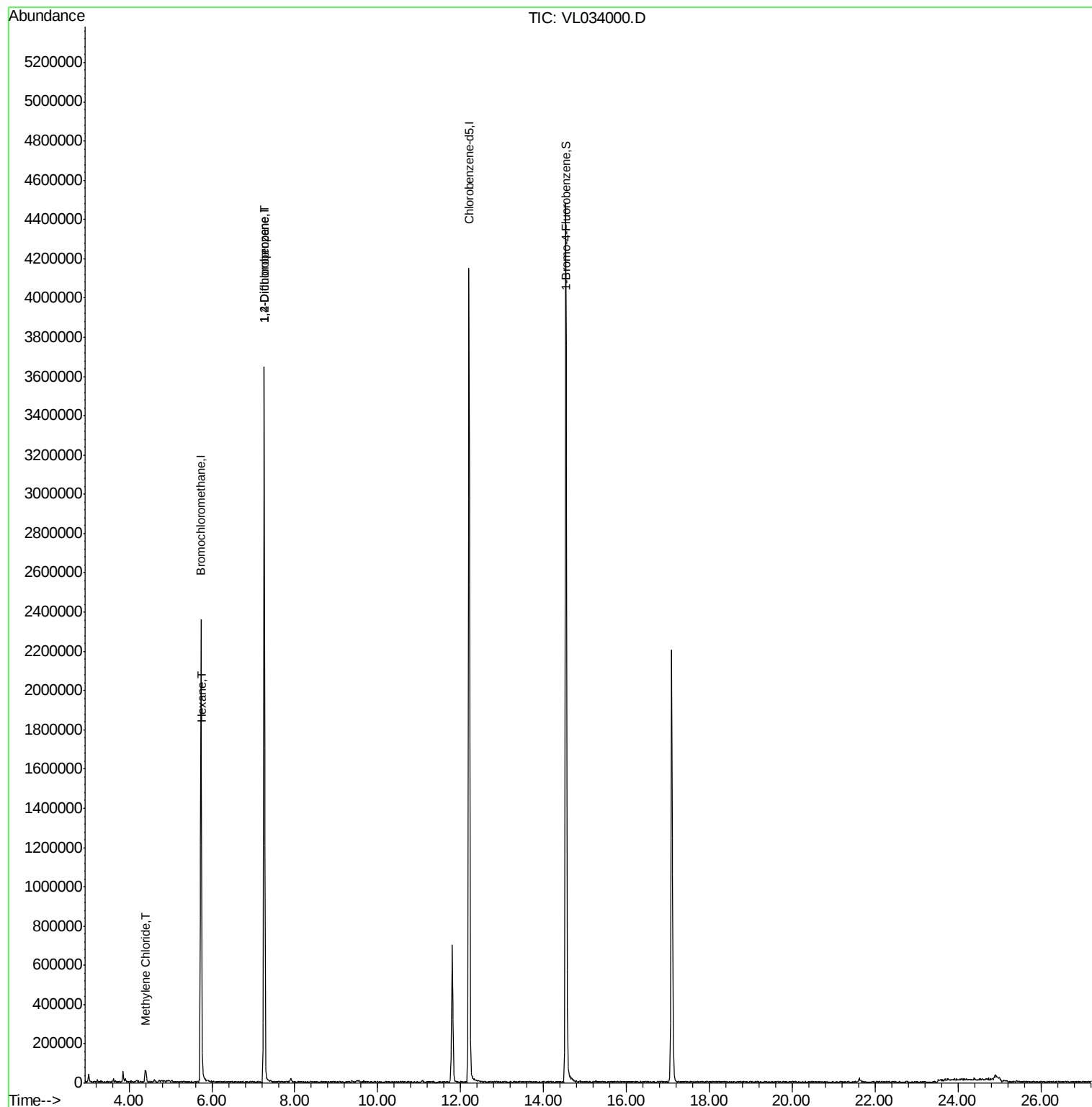
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.38	84	9907	0.142	ppbv #	83
26) Hexane	5.75	57	3022	0.030	ppbv #	3
39) 1,2-Dichloropropane	7.26	63	620732	8.537	ppbv #	24

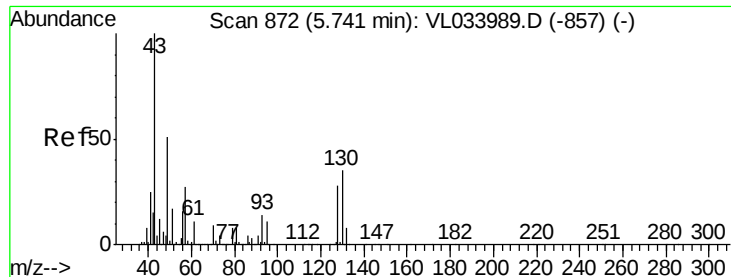
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070219\
Data File : VL034000.D
Acq On : 3 Jul 2019 1:19
Operator : SY/AP
Sample : OC070119 CAN 10296
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 03 04:34:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 02 19:31:31 2019
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.73 min Scan# 870

Delta R.T. -0.01 min

Lab File: VL034000.D

Acq: 3 Jul 2019 1:19

Instrument :
MSVOA_L
ClientSampleId :

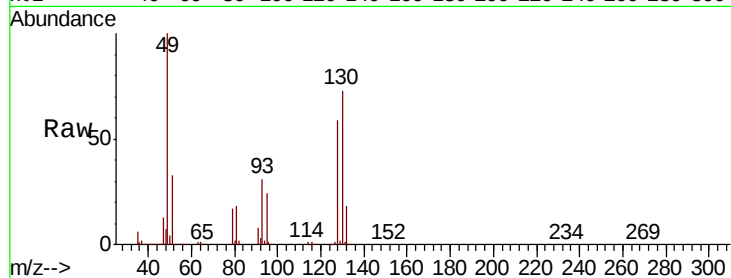
Tot Ion: 49 Resp: 951142

Ion Ratio Lower Upper

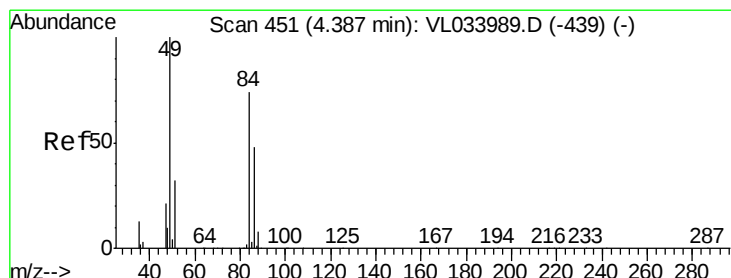
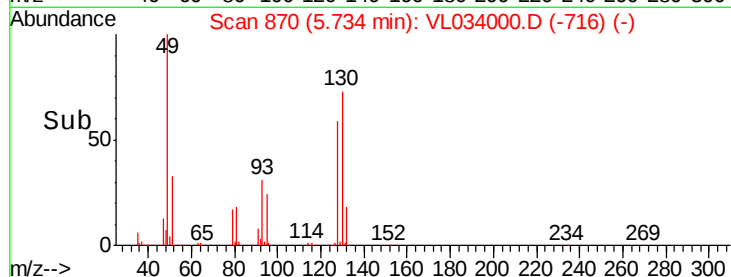
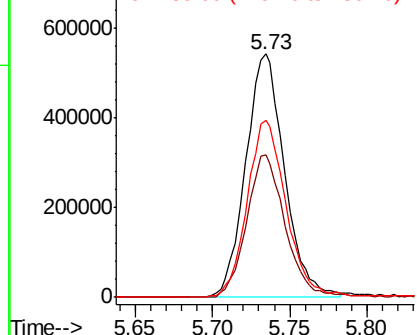
49 100

128 58.8 27.9 83.6

130 74.1 35.8 107.4



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#20

Methylene Chloride

Concen: 0.142 ppbv

RT: 4.38 min Scan# 450

Delta R.T. -0.00 min

Lab File: VL034000.D

Acq: 3 Jul 2019 1:19

Tgt Ion: 84 Resp: 9907

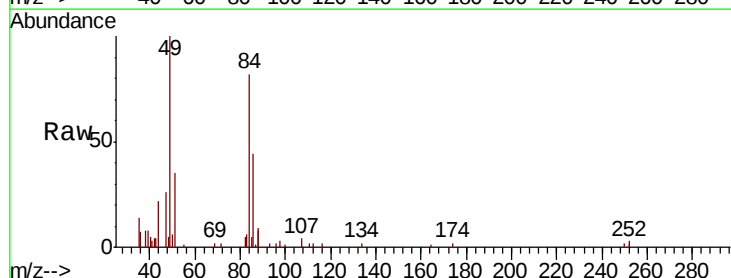
Ion Ratio Lower Upper

84 100

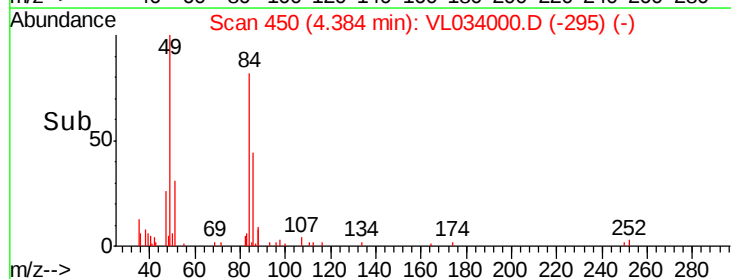
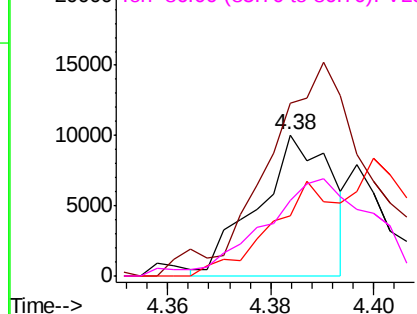
49 108.3 107.6 161.4

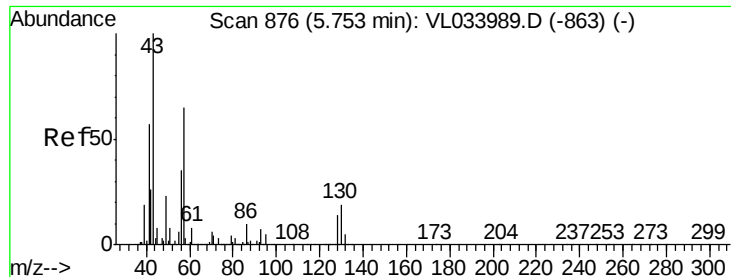
51 44.7 35.0 52.6

86 51.2 52.1 78.1#



Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

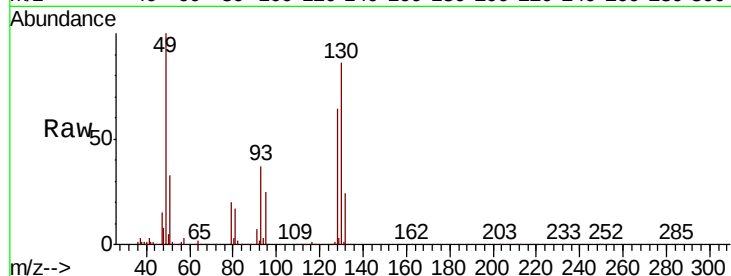




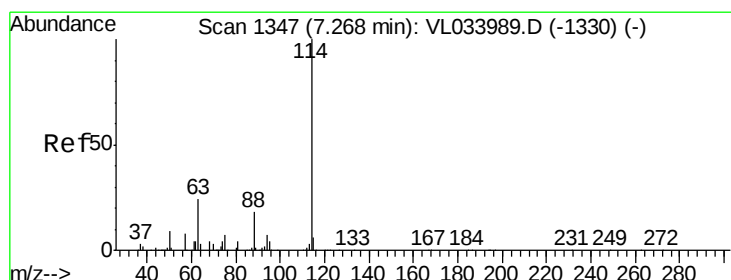
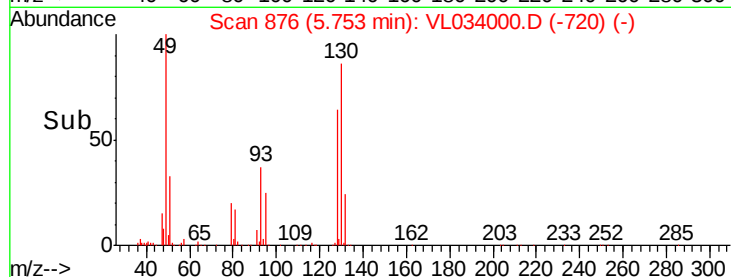
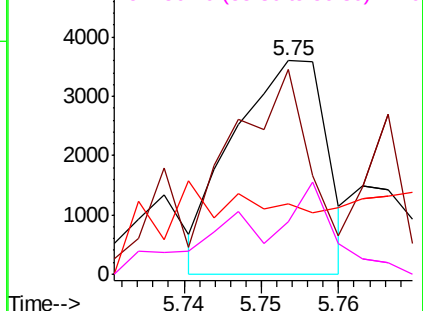
#26
Hexane
Concen: 0.030 ppbv
RT: 5.75 min Scan# 876
Delta R.T. 0.00 min
Lab File: VL034000.D
Acq: 3 Jul 2019 1:19

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 3022
Ion Ratio Lower Upper
57 100
41 133.4 70.6 105.8#
43 0.0 177.6 266.4#
56 48.3 42.6 64.0

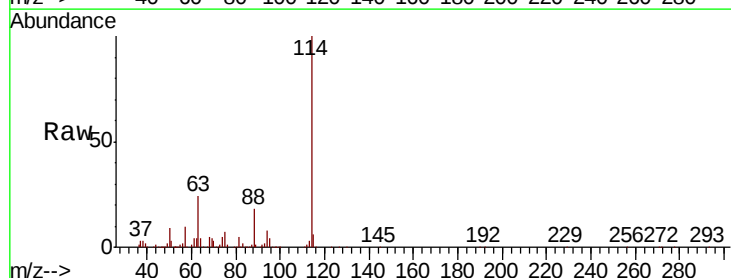


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

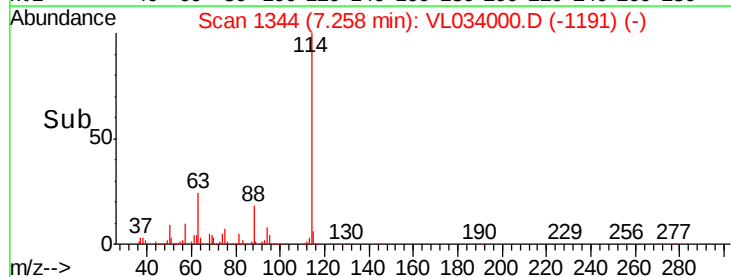
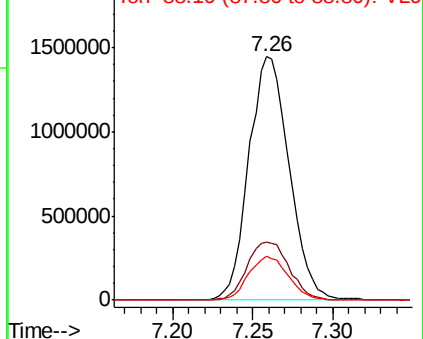


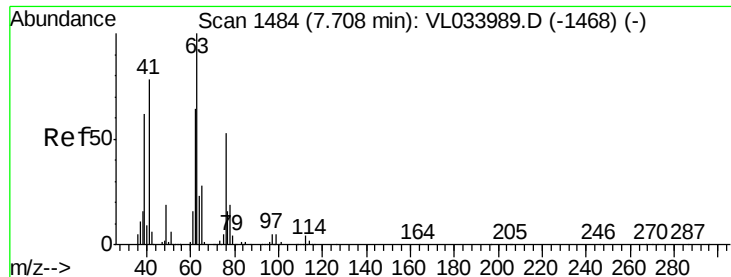
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VL034000.D
Acq: 3 Jul 2019 1:19

Tgt Ion: 114 Resp: 2499052
Ion Ratio Lower Upper
114 100
63 24.9 20.2 30.2
88 17.8 14.1 21.1



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

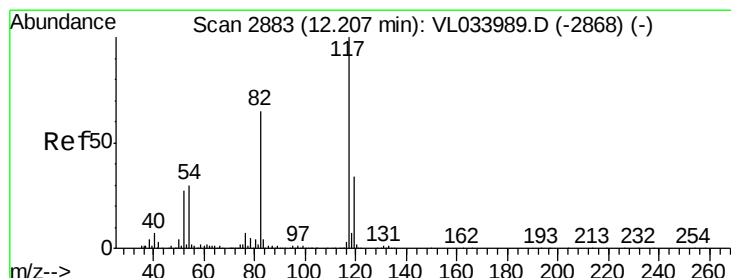
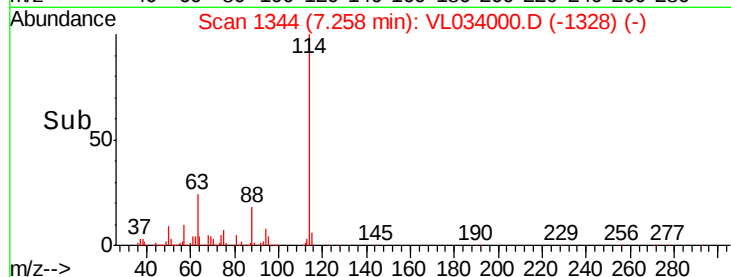
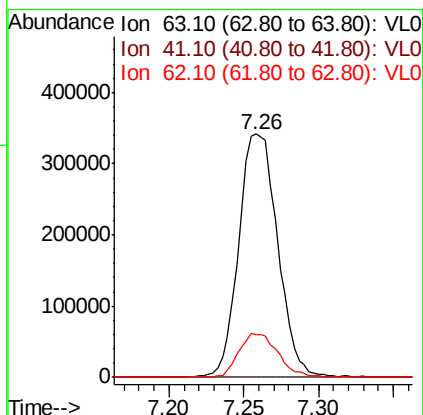
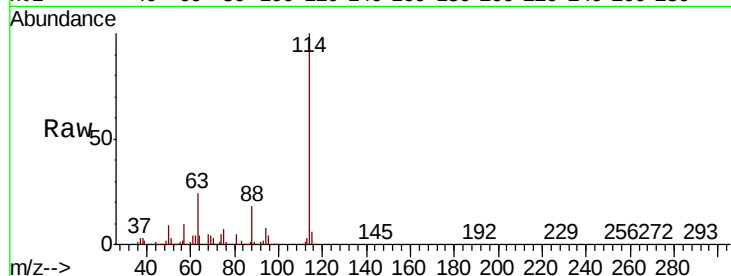




#39
 1,2-Dichloropropane
 Concen: 8.537 ppbv
 RT: 7.26 min Scan# 1344
 Delta R.T. -0.45 min
 Lab File: VL034000.D
 Acq: 3 Jul 2019 1:19

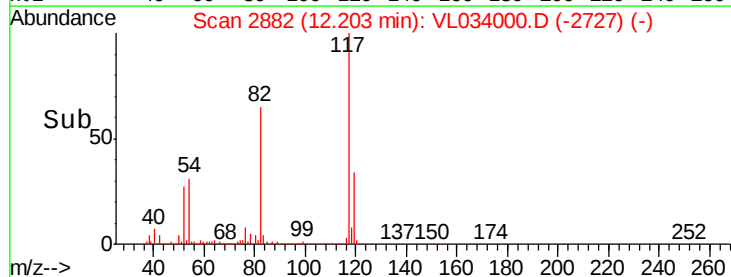
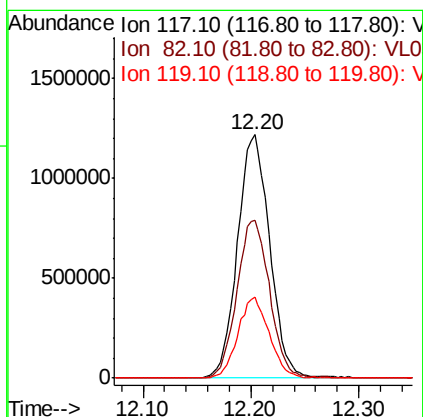
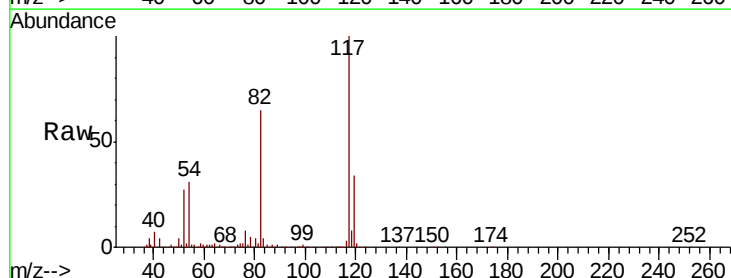
Instrument :
 MSVOA_L
 ClientSampleId :

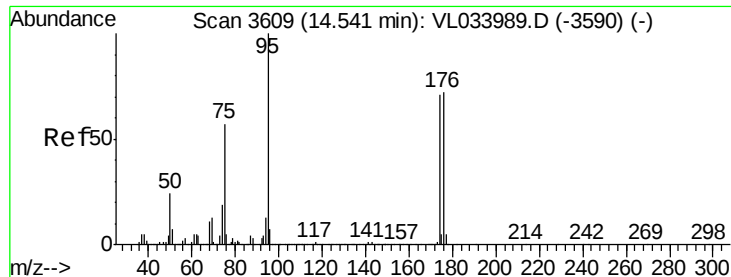
Tot Ion: 63 Resp: 620732
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.3 93.5#
 62 17.7 51.4 77.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.20 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: VL034000.D
 Acq: 3 Jul 2019 1:19

Tgt Ion: 117 Resp: 2537859
 Ion Ratio Lower Upper
 117 100
 82 66.2 50.8 76.2
 119 32.5 24.0 36.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.071 ppbv

RT: 14.54 min Scan# 3609

Delta R.T. 0.00 min

Lab File: VL034000.D

Acq: 3 Jul 2019 1:19

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 1963422

Ion Ratio Lower Upper

95 100

174 73.2 60.5 90.7

175 5.3 4.0 6.0

