

Data File : VL034852.D
Acq On : 9 Mar 2020 23:47
Operator : SY/AP
Sample : CAN 10282
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 11 04:08:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	893757	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2047073	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1996435	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1595072	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

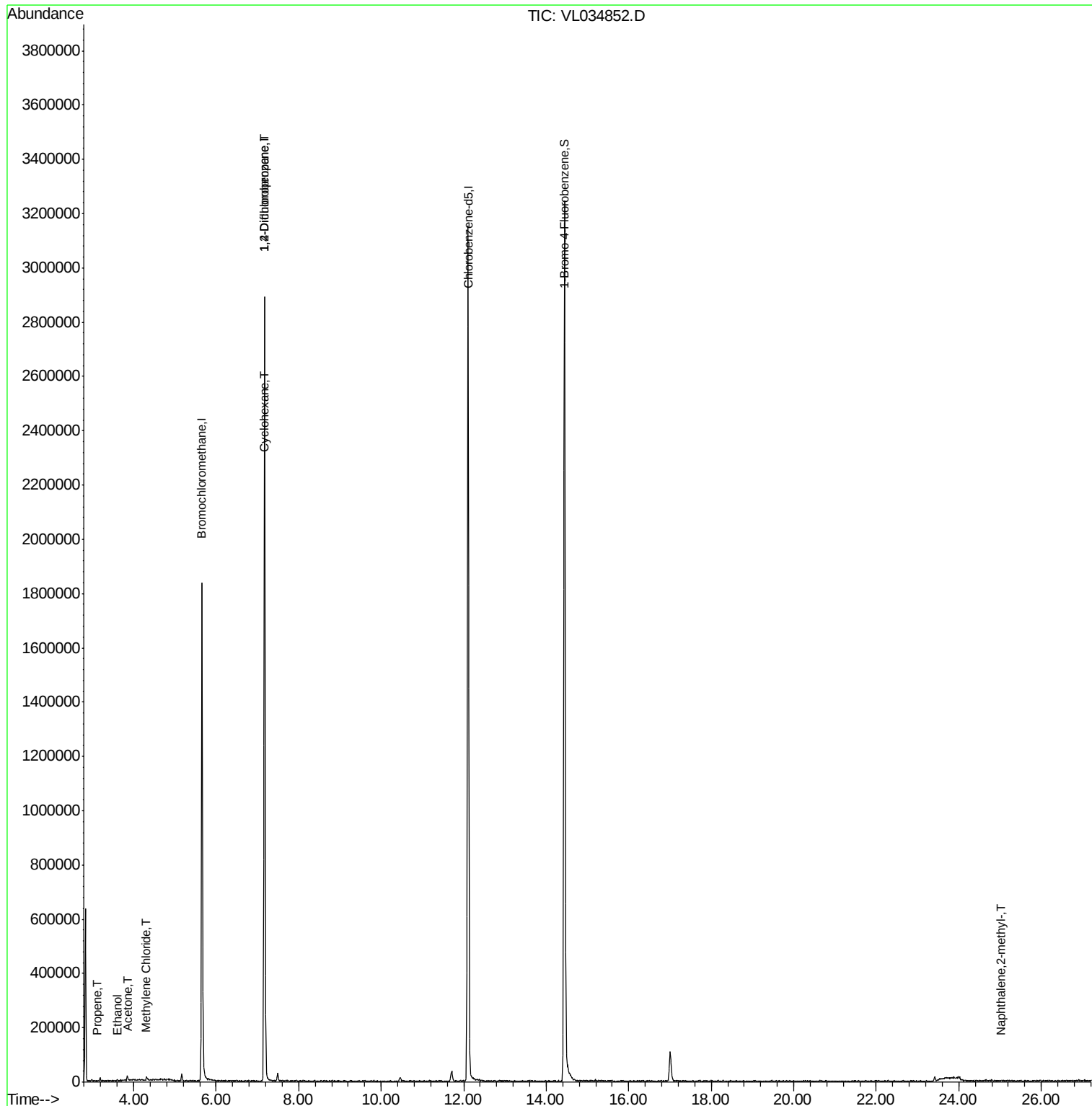
Target Compounds						Qvalue
9) Propene	3.11	41	658	0.014	ppbv	90
13) Ethanol	3.60	45	843	0.058	ppbv	69
15) Acetone	3.84	43	4975	0.043	ppbv #	49
20) Methylene Chloride	4.31	84	979	0.027	ppbv #	82
30) Cyclohexane	7.15	84	1309	0.018	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	538233	7.445	ppbv #	24
80) Naphthalene,2-methyl-	25.03	142	1011	0.020	ppbv #	15

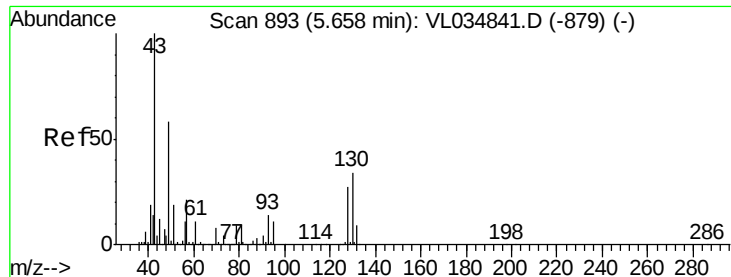
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

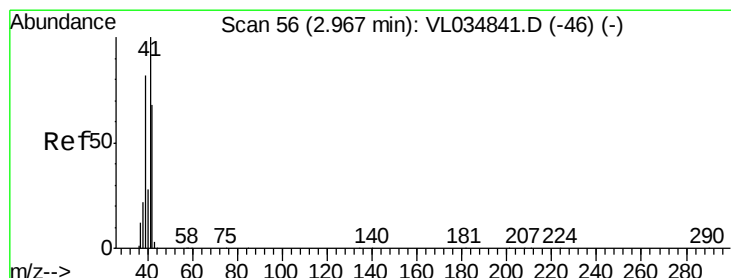
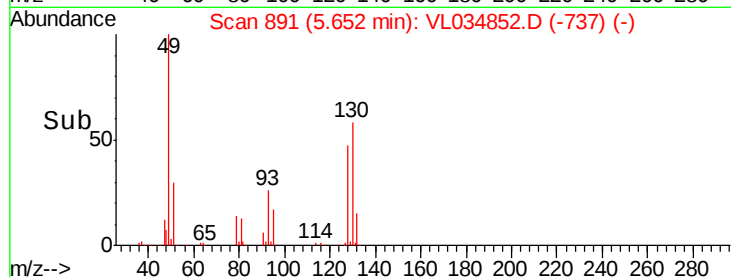
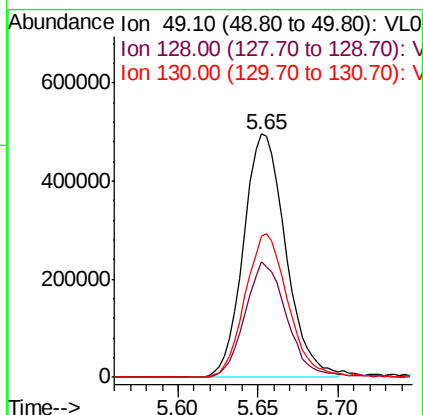
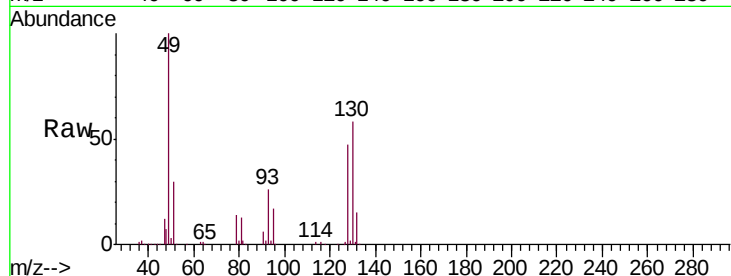
Delta R.T. -0.01 min

Lab File: VL034852.D

Acq: 9 Mar 2020 23:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 893757
Ion Ratio Lower Upper
49 100
128 47.4 23.4 70.3
130 61.5 30.0 90.0



#9

Propene

Concen: 0.014 ppbv

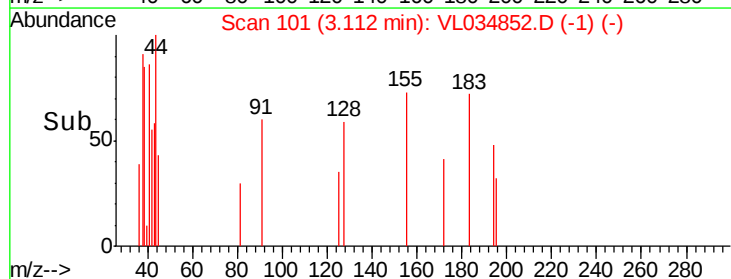
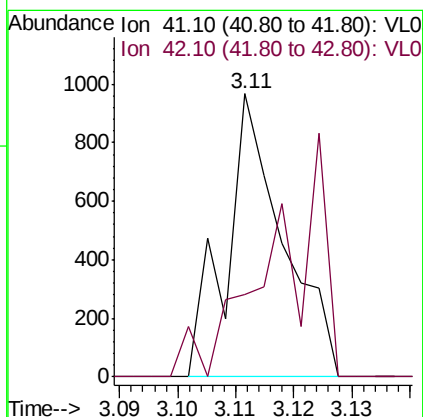
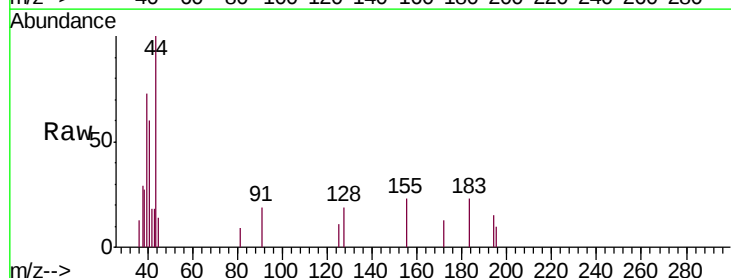
RT: 3.11 min Scan# 101

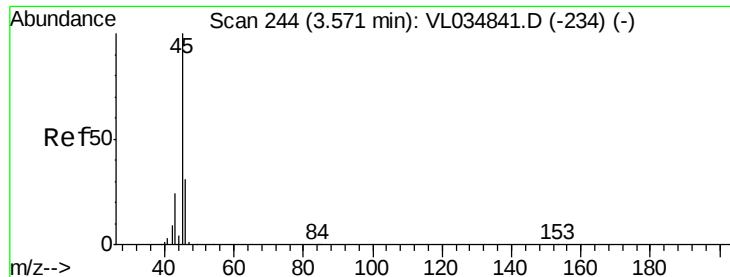
Delta R.T. 0.14 min

Lab File: VL034852.D

Acq: 9 Mar 2020 23:47

Tgt Ion: 41 Resp: 658
Ion Ratio Lower Upper
41 100
42 76.9 55.2 82.8





#13

Ethanol

Concen: 0.058 ppbv

RT: 3.60 min Scan# 253

Delta R.T. 0.03 min

Lab File: VL034852.D

Acq: 9 Mar 2020 23:47

Instrument :

MSVOA_L

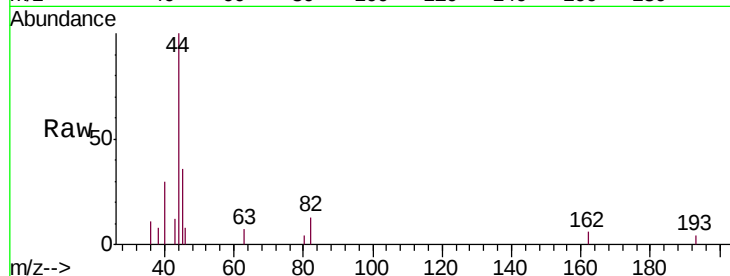
ClientSampled :

Tgt Ion: 45 Resp: 843

Ion Ratio Lower Upper

45 100

46 20.8 16.0 64.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

1500

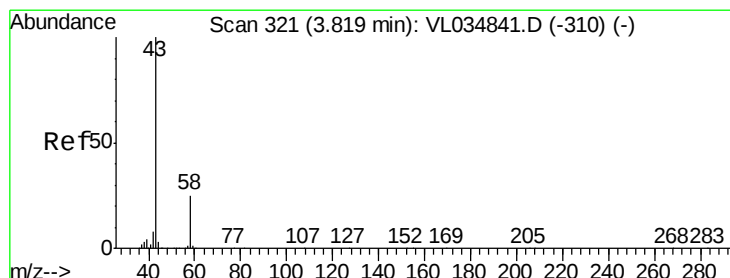
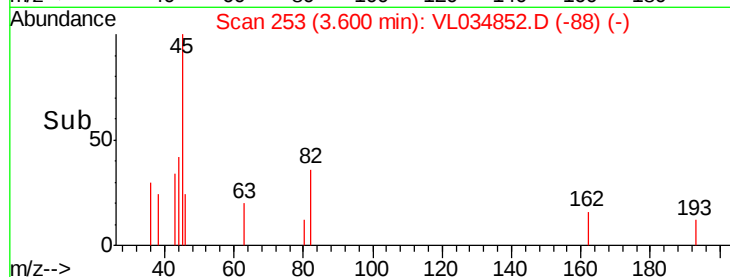
1000

500

0

3.59 3.60 3.61 3.62

Time-->



#15

Acetone

Concen: 0.043 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL034852.D

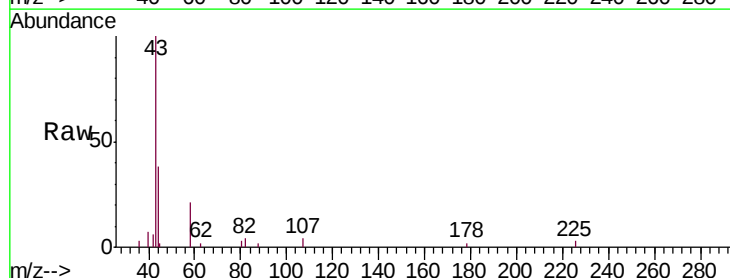
Acq: 9 Mar 2020 23:47

Tgt Ion: 43 Resp: 4975

Ion Ratio Lower Upper

43 100

58 0.0 21.0 31.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

10000

8000

6000

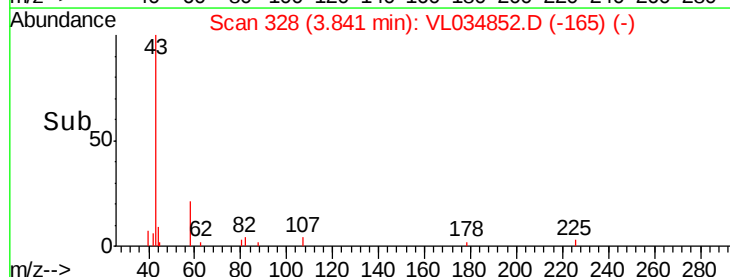
4000

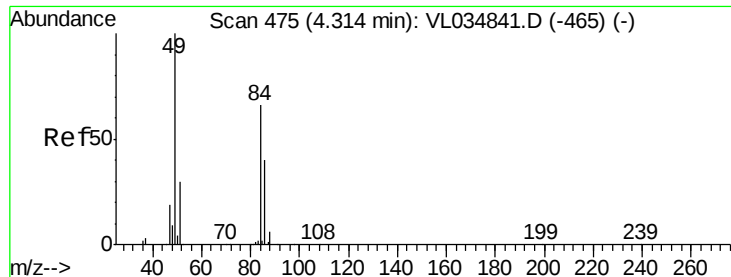
2000

0

3.82 3.83 3.84 3.85

Time-->

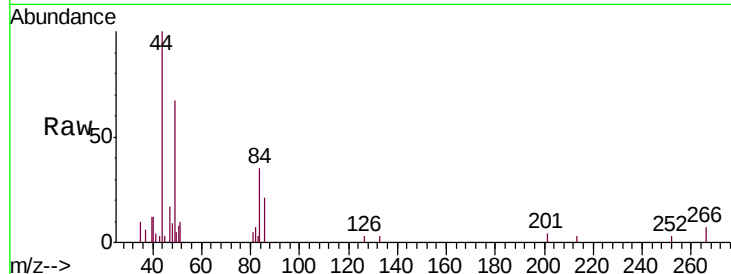




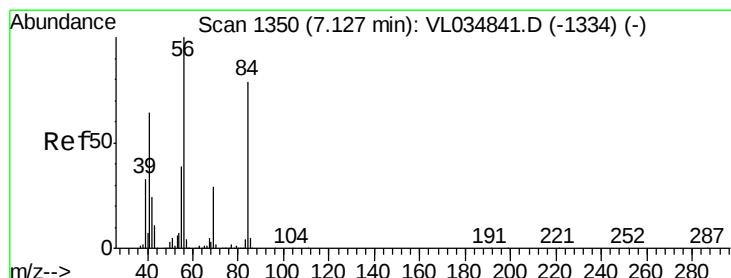
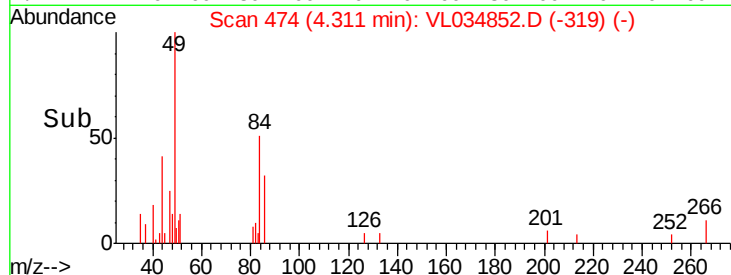
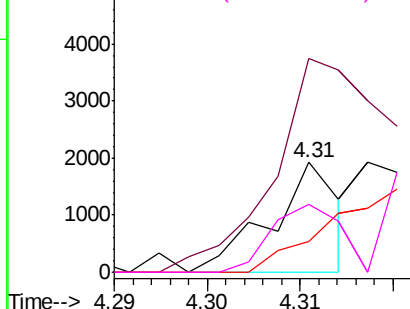
#20
Methylene Chloride
Concen: 0.027 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL034852.D
Acq: 9 Mar 2020 23:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 979
Ion Ratio Lower Upper
84 100
49 180.2 121.5 182.3
51 28.1 36.6 55.0#
86 61.8 48.2 72.2

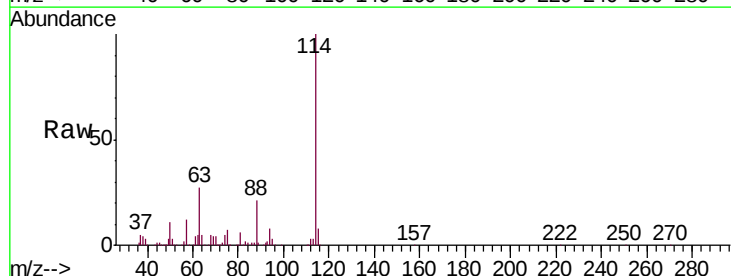


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

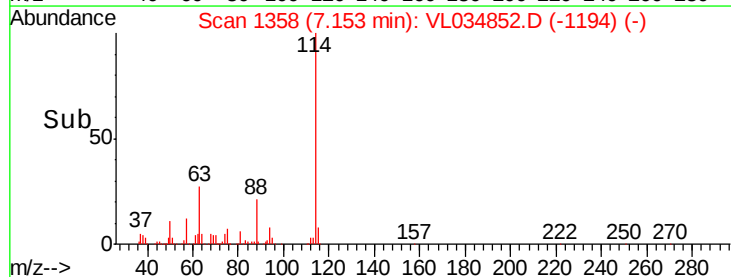
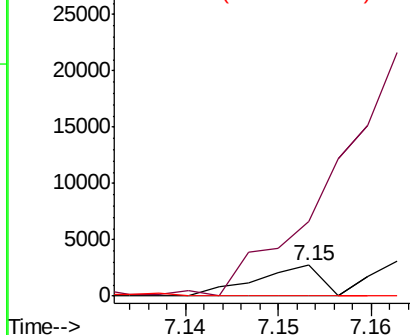


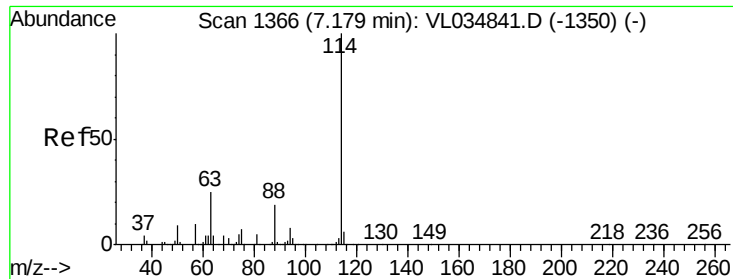
#30
Cyclohexane
Concen: 0.018 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. 0.03 min
Lab File: VL034852.D
Acq: 9 Mar 2020 23:47

Tgt Ion: 84 Resp: 1309
Ion Ratio Lower Upper
84 100
56 0.0 110.5 165.7#
41 0.0 68.2 102.4#



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

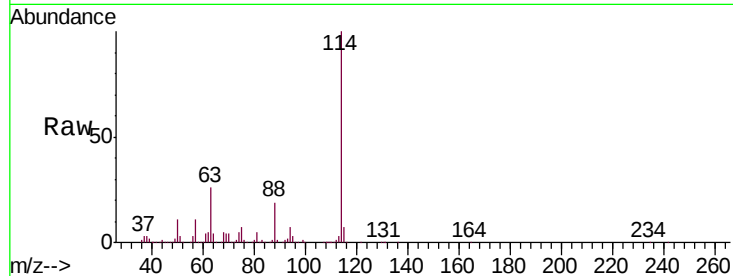




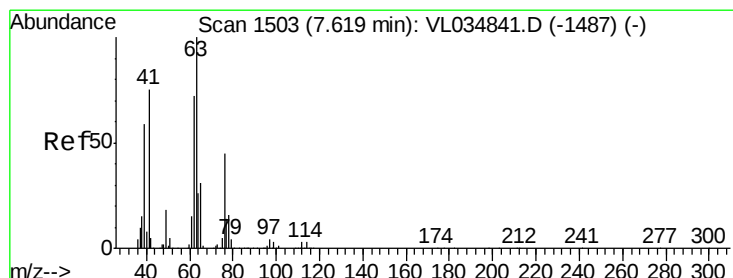
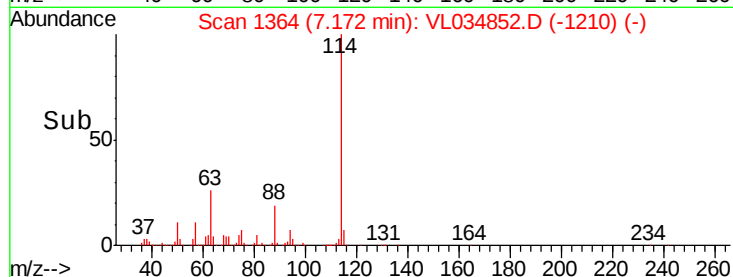
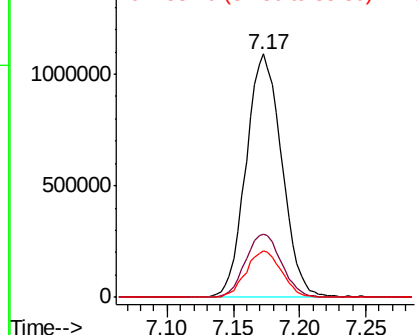
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034852.D
 Acq: 9 Mar 2020 23:47

Instrument :
 MSVOA_L
 ClientSampleID :

Tgt Ion:114 Resp: 2047073
 Ion Ratio Lower Upper
 114 100
 63 26.4 20.6 31.0
 88 19.1 15.0 22.6

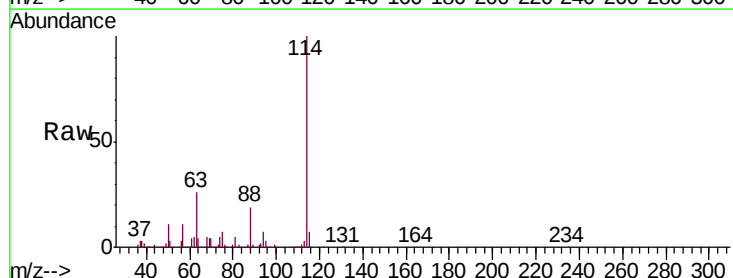


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

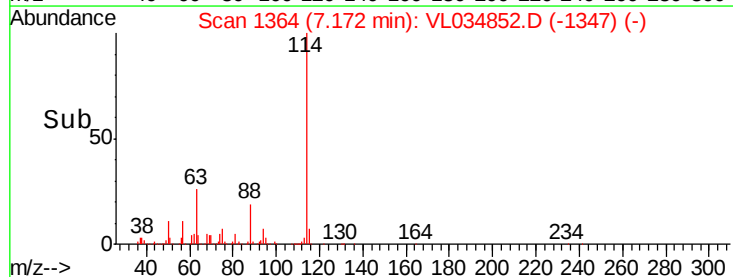
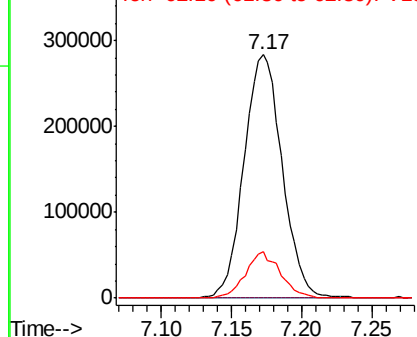


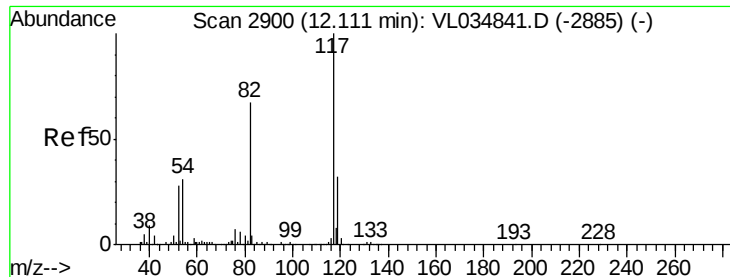
#39
 1,2-Dichloropropane
 Concen: 7.445 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL034852.D
 Acq: 9 Mar 2020 23:47

Tgt Ion: 63 Resp: 538233
 Ion Ratio Lower Upper
 63 100
 41 0.1 59.8 89.8#
 62 19.1 57.6 86.4#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

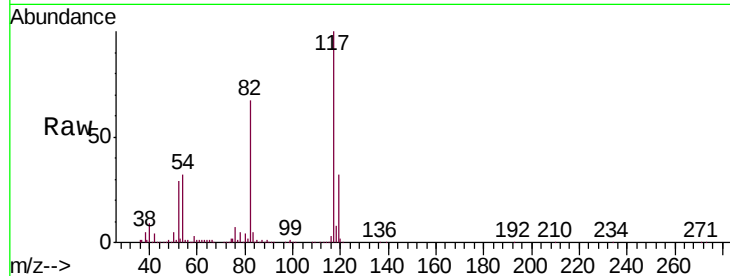




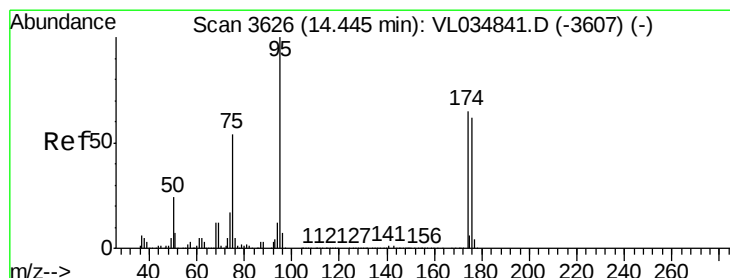
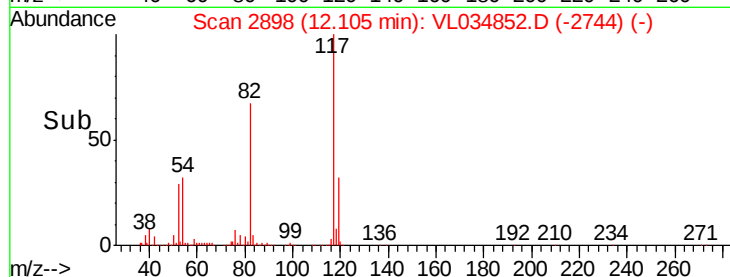
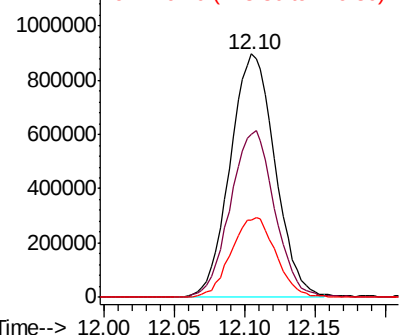
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034852.D
Acq: 9 Mar 2020 23:47

Instrument :
MSVOA_L
ClientSampled :

Tgt Ion: 117 Resp: 1996435
Ion Ratio Lower Upper
117 100
82 68.2 51.1 76.7
119 33.0 27.3 40.9

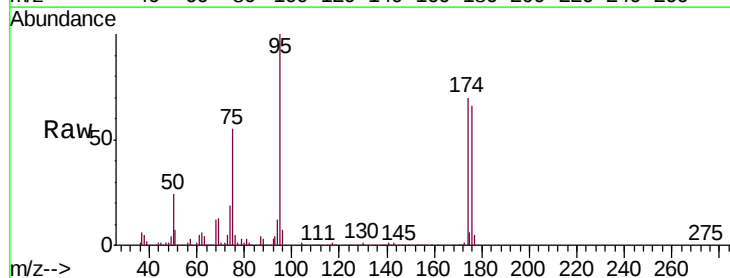


Abundance Ion 117.10 (116.80 to 117.80): V
1200000 Ion 82.10 (81.80 to 82.80): VL0
1000000 Ion 119.10 (118.80 to 119.80): V

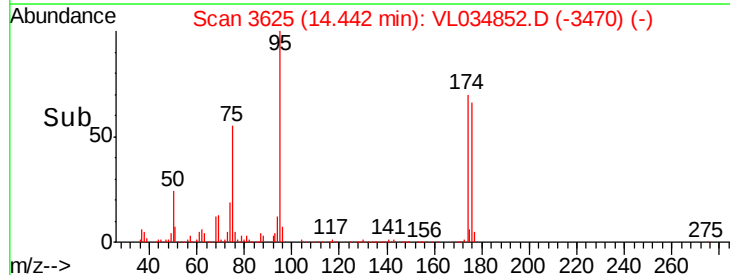
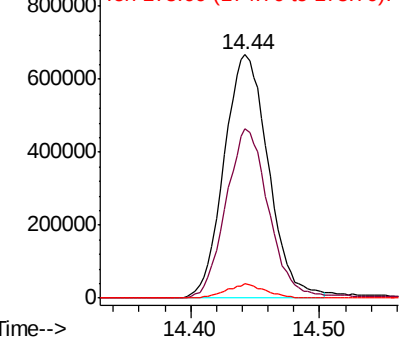


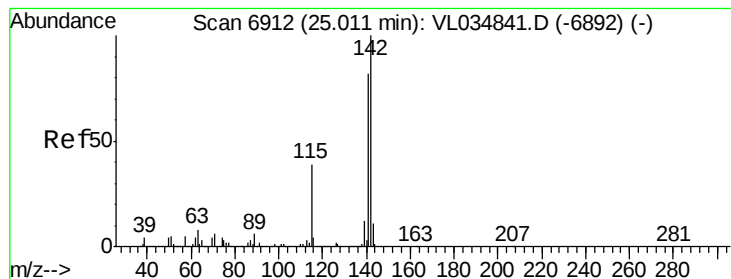
#68
1-Bromo-4-Fluorobenzene
Concen: 10.245 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL034852.D
Acq: 9 Mar 2020 23:47

Tgt Ion: 95 Resp: 1595072
Ion Ratio Lower Upper
95 100
174 67.8 55.2 82.8
175 5.3 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0
800000 Ion 174.00 (173.70 to 174.70): V
600000 Ion 175.00 (174.70 to 175.70): V

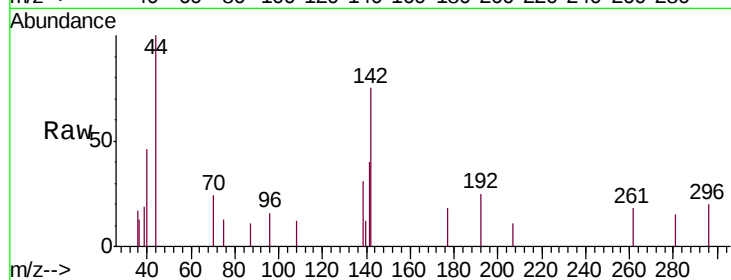




#80
 Naphthalene, 2-methyl-
 Concen: 0.020 ppbv
 RT: 25.03 min Scan# 6919
 Delta R.T. 0.02 min
 Lab File: VL034852.D
 Acq: 9 Mar 2020 23:47

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	68.9	103.3#
115	0.0	33.2	49.8#



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

