

Data File : VL031982.D
Acq On : 4 May 2018 4:04
Operator : SY/AP
Sample : J2629-02DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG1DL2

Quant Time: May 04 05:52:48 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.88	49	1219539	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2426264	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2461803	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	1954182	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.07	51	4598	0.04	ppbv #	70
9) Propene	3.12	41	2496	0.06	ppbv #	16
13) Ethanol	3.74	45	735	0.05	ppbv #	100
15) Acetone	4.01	43	33942	0.20	ppbv #	86
20) Methylene Chloride	4.52	84	13704	0.24	ppbv #	89
39) 1,2-Dichloropropane	7.42	63	641543	8.06	ppbv #	23

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

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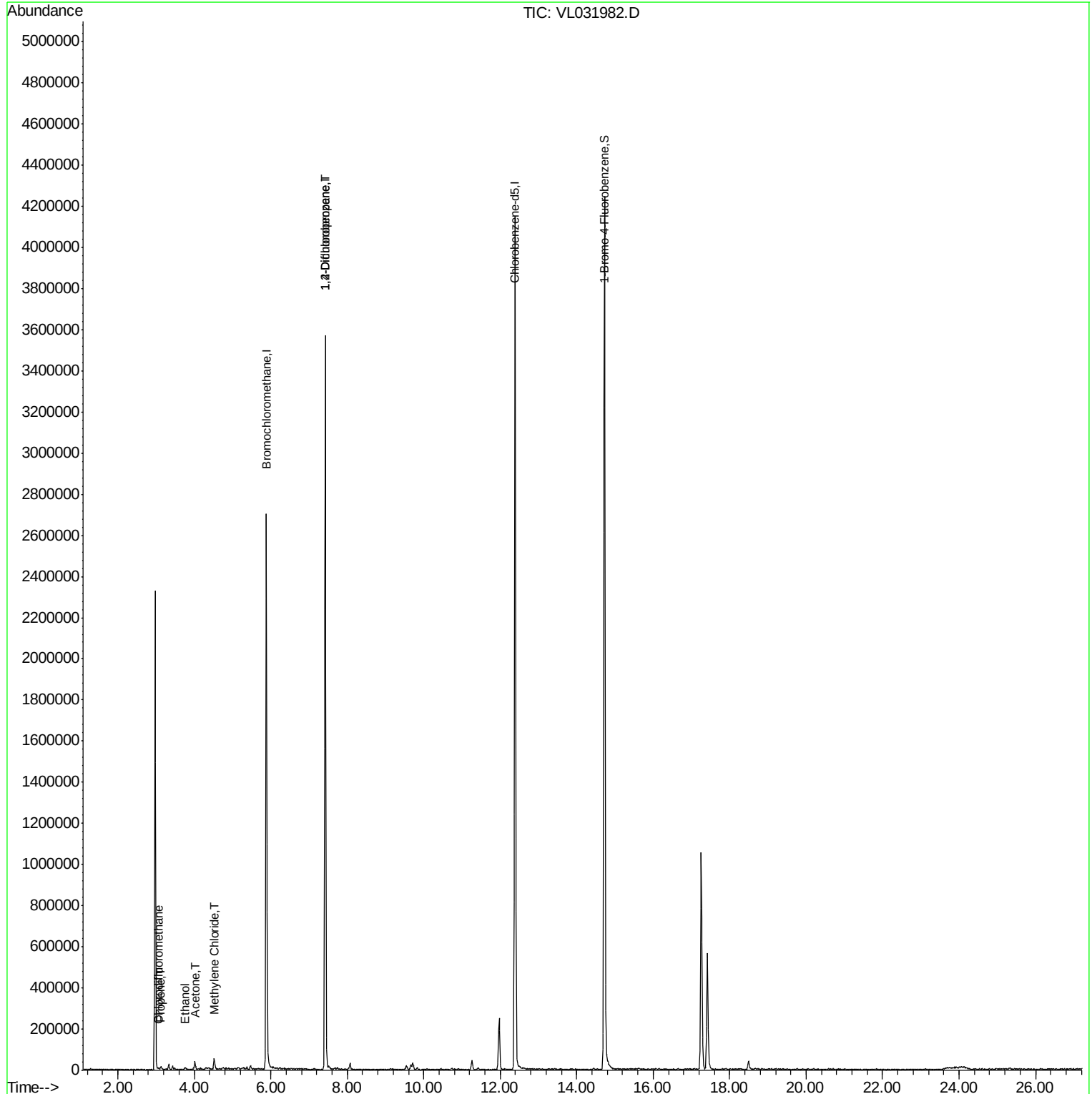
Quant Time: May 04 05:52:48 2018

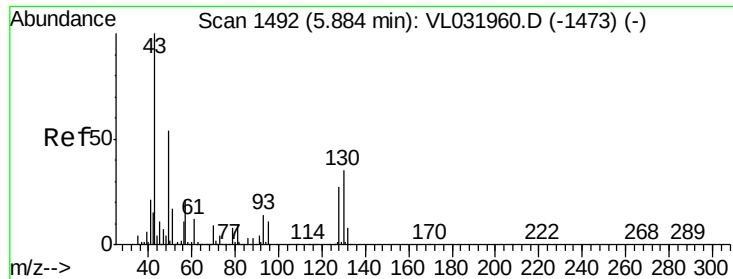
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M

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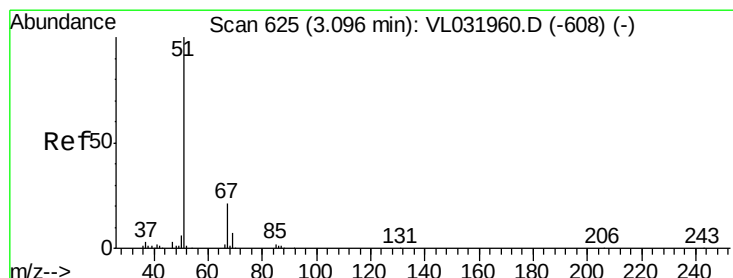
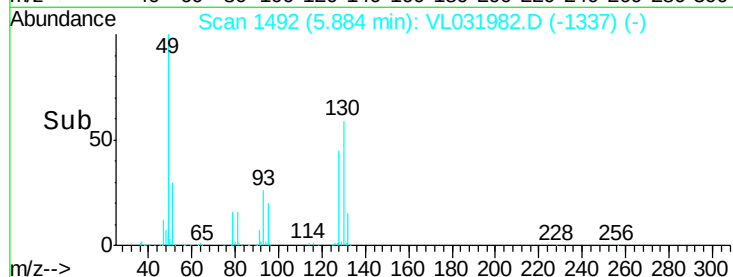
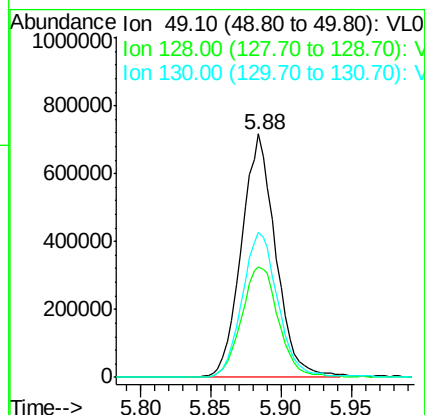
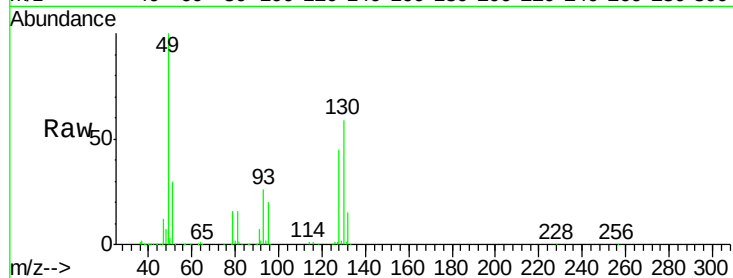




#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.88 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VL031982.D
 Acq: 4 May 2018 4:04

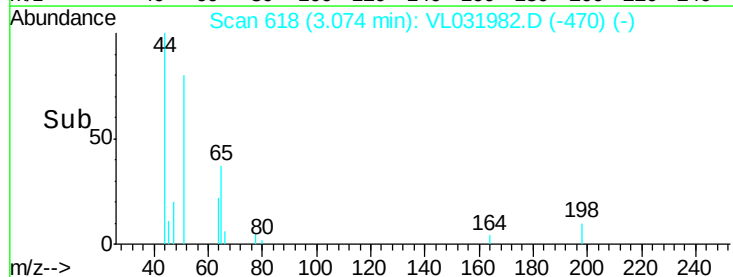
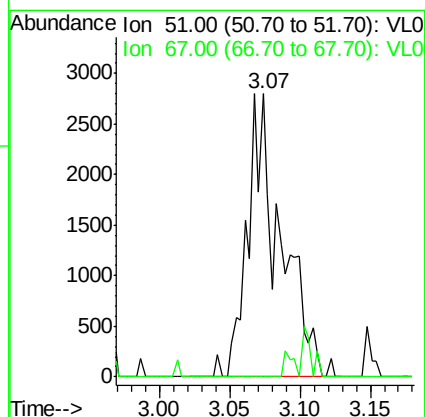
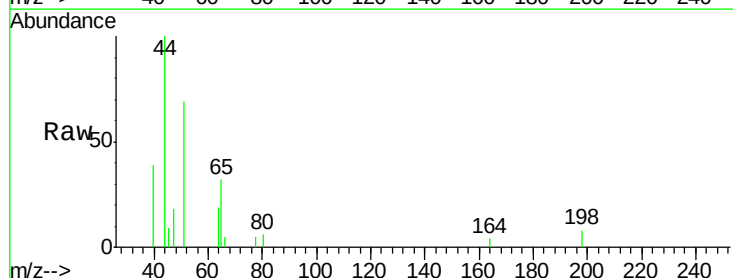
Instrument :
 MSVOA_L
 ClientSampleId :
 SG1DL2

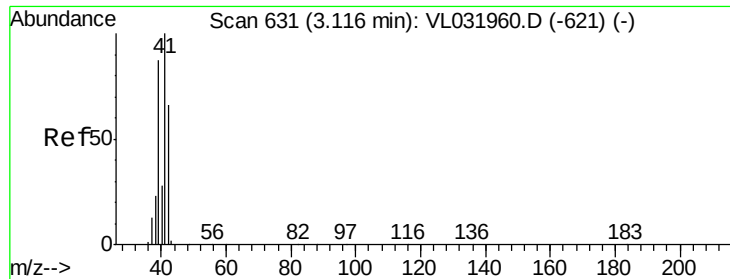
Tgt Ion: 49 Resp: 1219539
 Ion Ratio Lower Upper
 49 100
 128 49.8 24.1 72.3
 130 63.2 30.7 92.1



#3
 Chlorodifluoromethane
 Concen: 0.04 ppbv
 RT: 3.07 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: VL031982.D
 Acq: 4 May 2018 4:04

Tgt Ion: 51 Resp: 4598
 Ion Ratio Lower Upper
 51 100
 67 6.4 15.9 23.9#





#9

Propene

Concen: 0.06 ppbv

RT: 3.12 min Scan# 632

Delta R.T. 0.00 min

Lab File: VL031982.D

Acq: 4 May 2018 4:04

Instrument :

MSVOA_L

ClientSampleId :

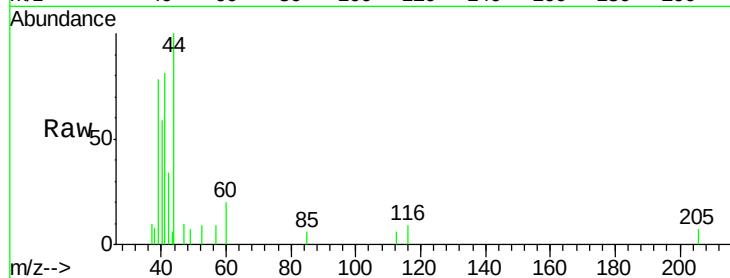
SG1DL2

Tgt Ion: 41 Resp: 2496

Ion Ratio Lower Upper

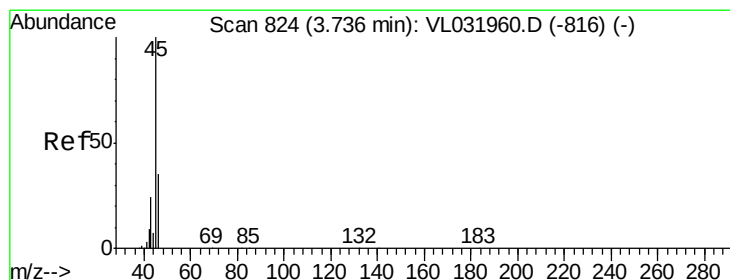
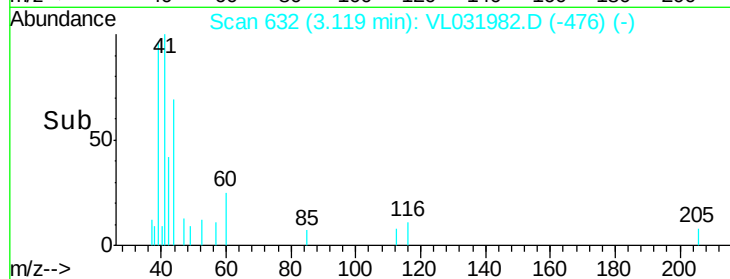
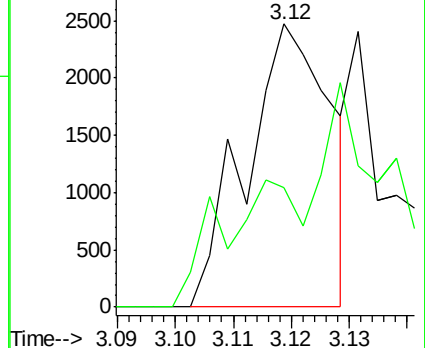
41 100

42 0.0 53.9 80.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#13

Ethanol

Concen: 0.05 ppbv

RT: 3.74 min Scan# 826

Delta R.T. 0.01 min

Lab File: VL031982.D

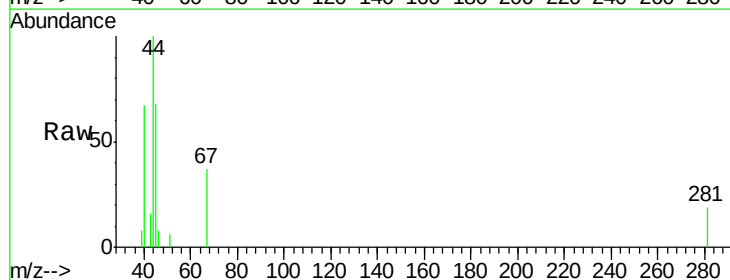
Acq: 4 May 2018 4:04

Tgt Ion: 45 Resp: 735

Ion Ratio Lower Upper

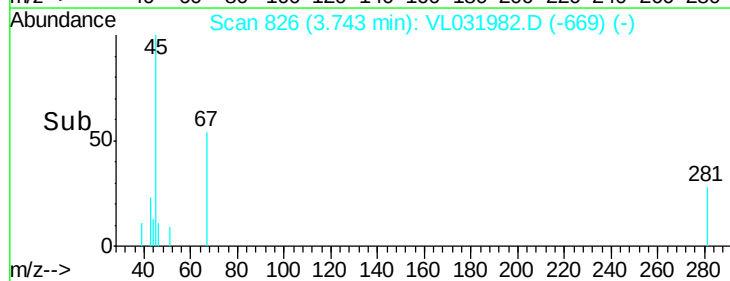
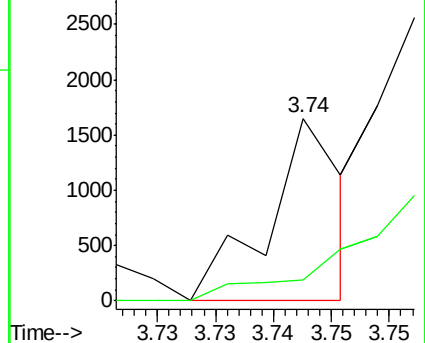
45 100

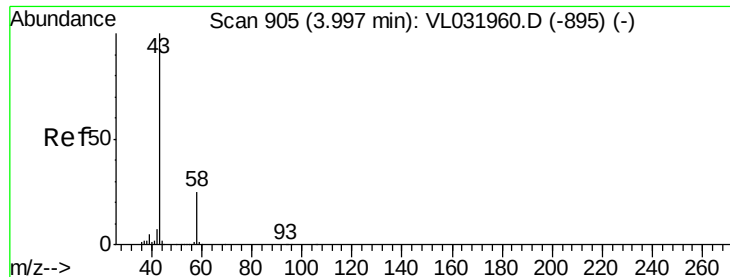
46 0.0 0.0 0.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.20 ppbv

RT: 4.01 min Scan# 910

Delta R.T. 0.02 min

Lab File: VL031982.D

Acq: 4 May 2018 4:04

Instrument :

MSVOA_L

ClientSampled :

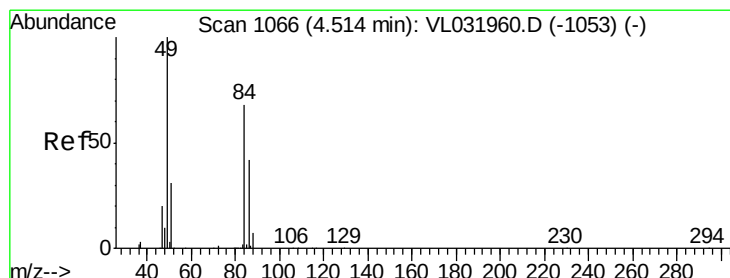
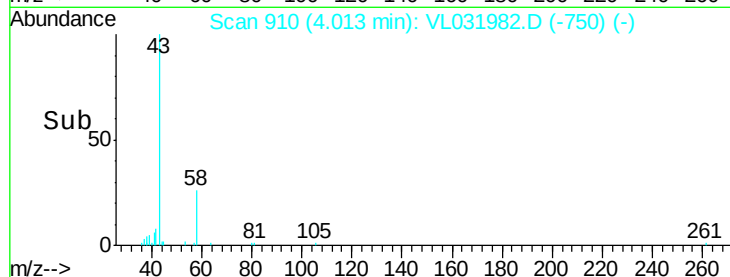
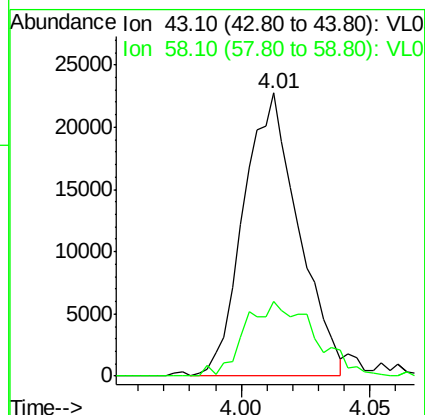
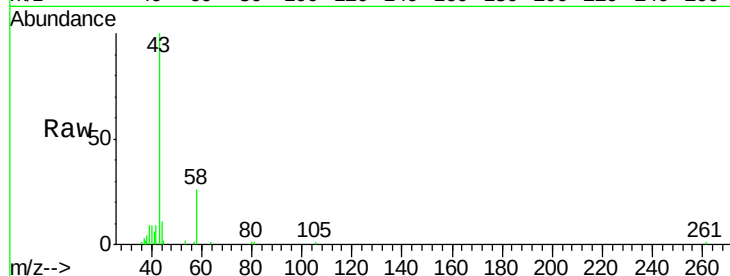
SG1DL2

Tgt Ion: 43 Resp: 33942

Ion Ratio Lower Upper

43 100

58 33.5 21.1 31.7#



#20

Methylene Chloride

Concen: 0.24 ppbv

RT: 4.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VL031982.D

Acq: 4 May 2018 4:04

Tgt Ion: 84 Resp: 13704

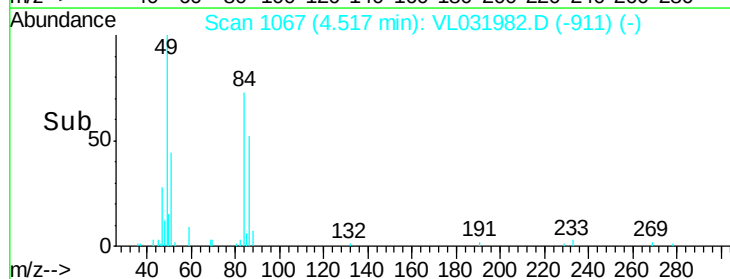
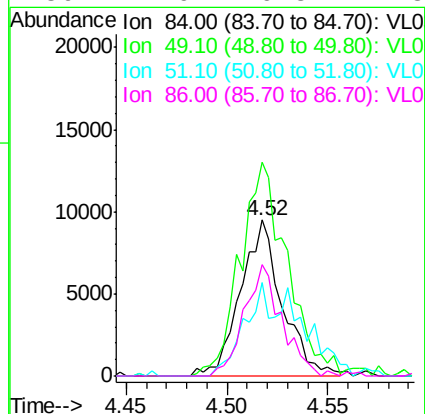
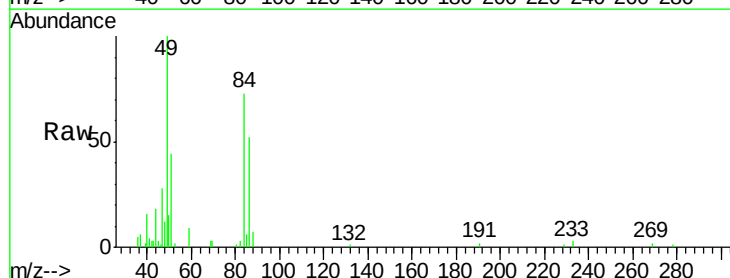
Ion Ratio Lower Upper

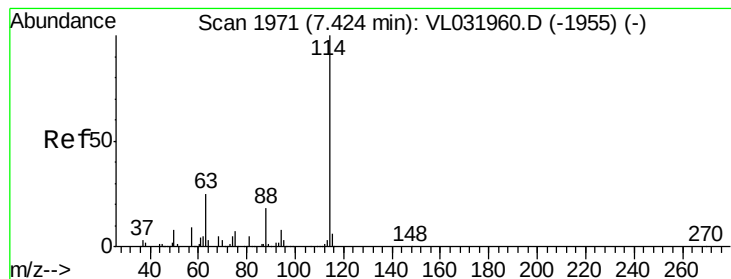
84 100

49 157.7 118.6 178.0

51 60.3 36.6 54.8#

86 71.9 49.8 74.8





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.42 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VL031982.D

Acq: 4 May 2018 4:04

Instrument :

MSVOA_L

ClientSampleId :

SG1DL2

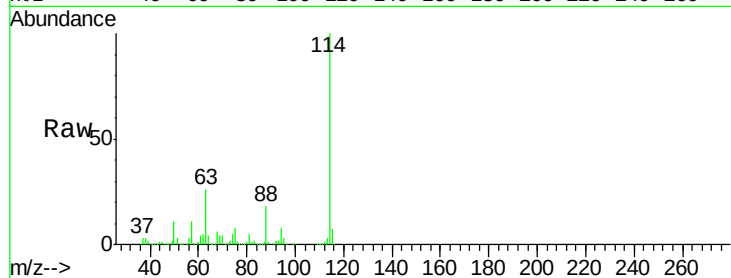
Tgt Ion:114 Resp: 2426264

Ion Ratio Lower Upper

114 100

63 26.6 20.8 31.2

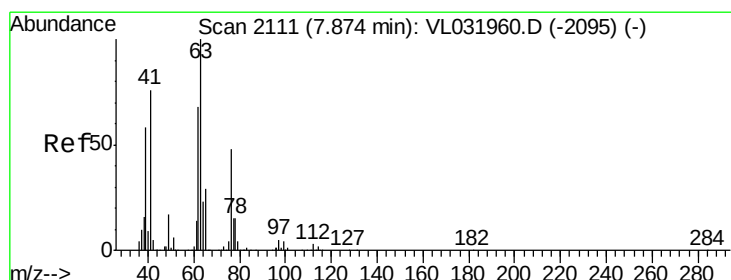
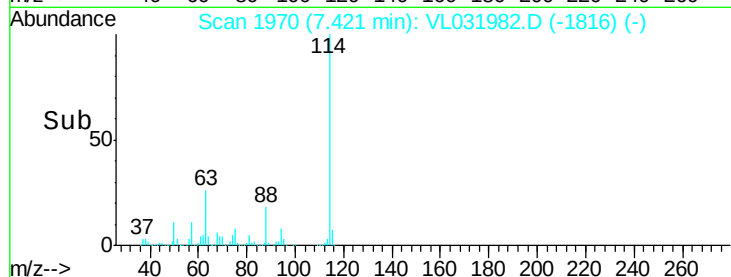
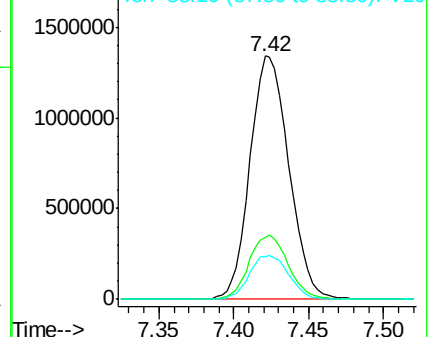
88 18.4 14.6 21.8



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: 8.06 ppbv

RT: 7.42 min Scan# 1971

Delta R.T. -0.45 min

Lab File: VL031982.D

Acq: 4 May 2018 4:04

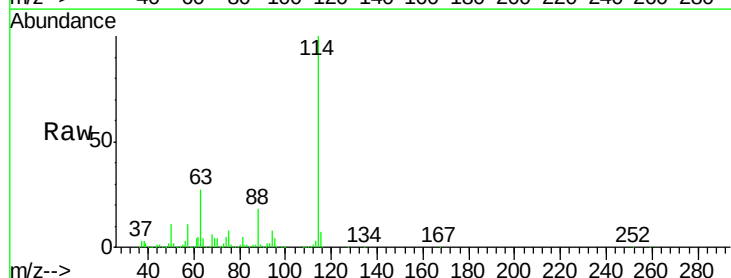
Tgt Ion: 63 Resp: 641543

Ion Ratio Lower Upper

63 100

41 0.1 60.7 91.1#

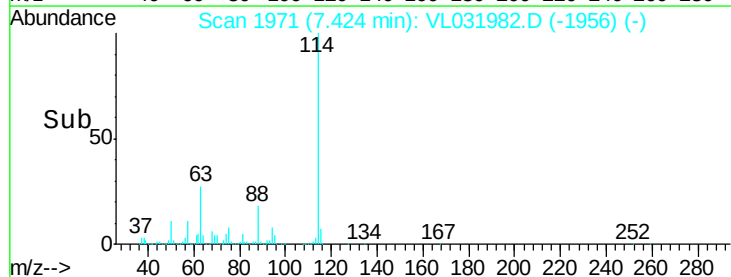
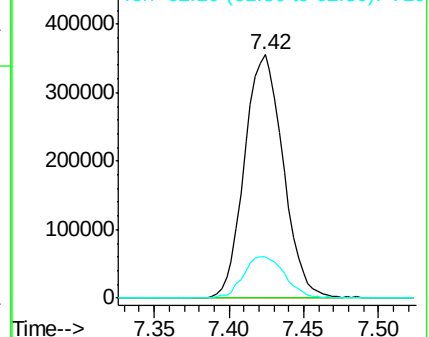
62 17.1 54.7 82.1#

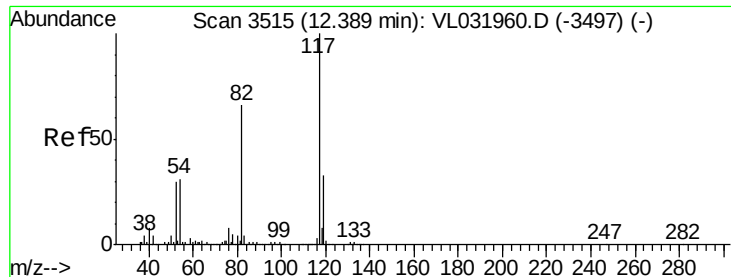


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

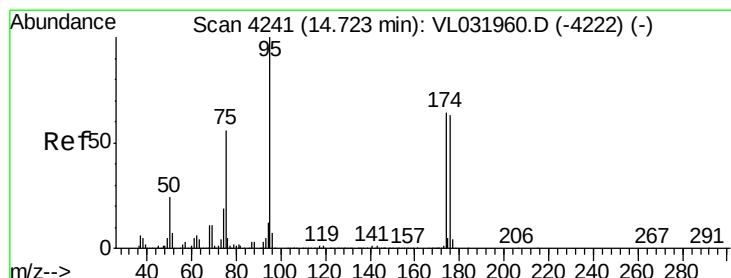
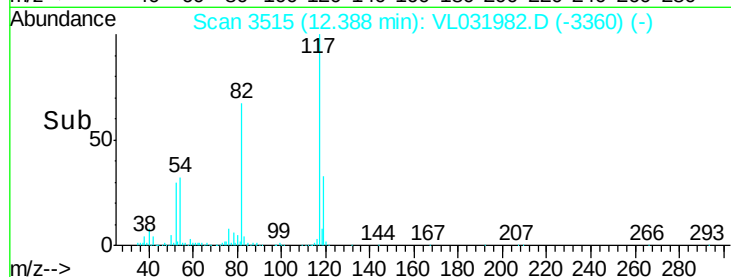
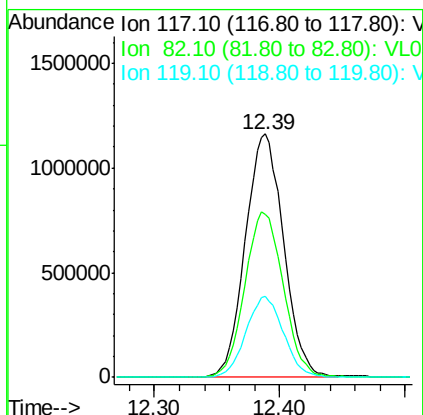
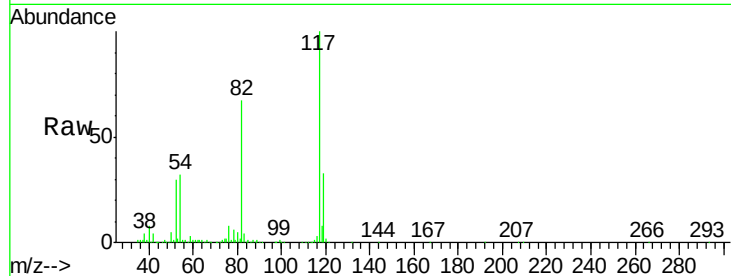




#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.39 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VL031982.D
 Acq: 4 May 2018 4:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SG1DL2

Tgt Ion: 117 Resp: 2461803
 Ion Ratio Lower Upper
 117 100
 82 68.6 51.6 77.4
 119 32.9 44.2 66.4#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.24 ppbv
 RT: 14.72 min Scan# 4241
 Delta R.T. -0.00 min
 Lab File: VL031982.D
 Acq: 4 May 2018 4:04

Tgt Ion: 95 Resp: 1954182
 Ion Ratio Lower Upper
 95 100
 174 66.0 53.0 79.6
 175 4.7 3.9 5.9

