

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
 Data File : VL031974.D
 Acq On : 3 May 2018 22:41
 Operator : SY/AP
 Sample : J2629-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Quant Time: May 04 04:08:01 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL050318AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu 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	1228815	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2427041	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2421516	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.73	95	1966766	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

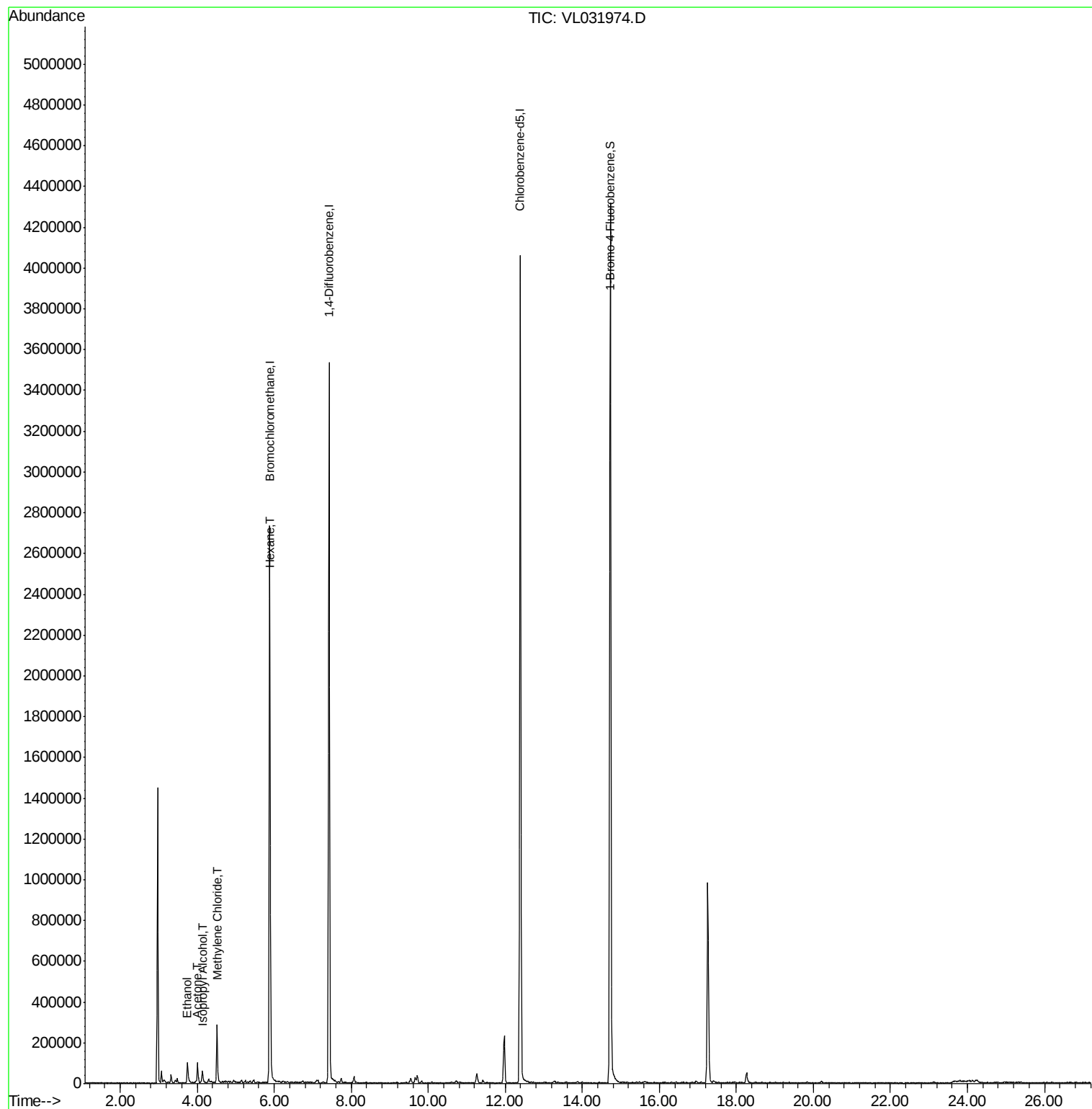
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.75	45	106336	6.72	ppbv #	100
15) Acetone	4.01	43	92575	0.53	ppbv	92
19) Isopropyl Alcohol	4.14	45	58945	0.63	ppbv #	91
20) Methylene Chloride	4.51	84	98980	1.69	ppbv	94
26) Hexane	5.90	57	37575	0.27	ppbv #	45

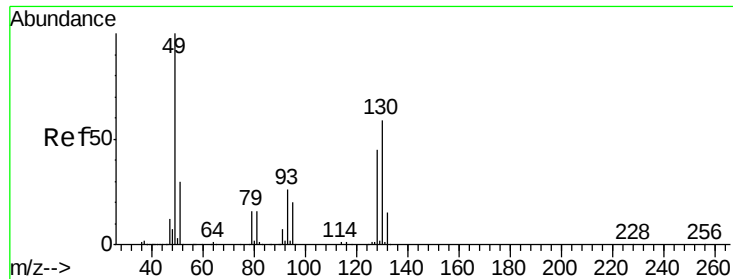
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.88 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VL031974.D

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Instrument :

MSVOA_L

ClientSampleId :

IA1DL

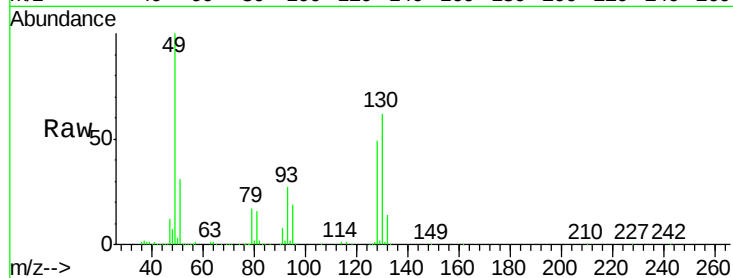
Tot Ion: 49 Resp: 1228815

Ion	Ratio	Lower	Upper
49	100		
128	49.2	24.1	72.3
130	63.2	30.7	92.1

49 100

128 49.2 24.1 72.3

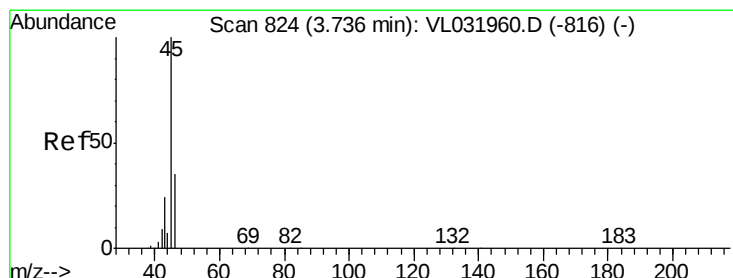
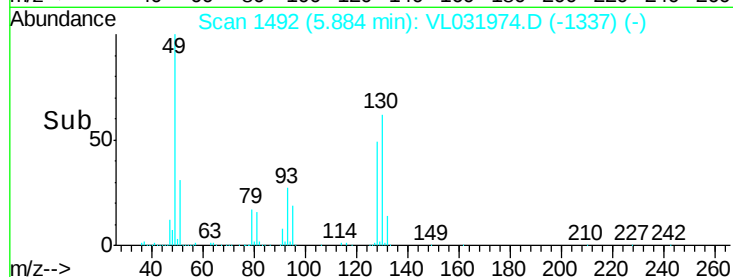
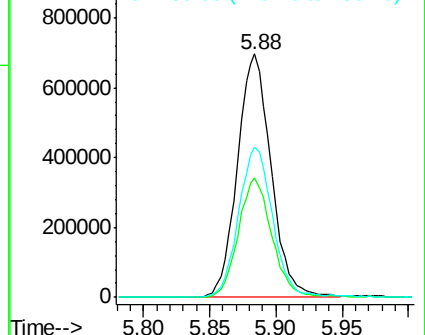
130 63.2 30.7 92.1



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



#13

Ethanol

Concen: 6.72 ppbv

RT: 3.75 min Scan# 827

Delta R.T. 0.01 min

Lab File: VL031974.D

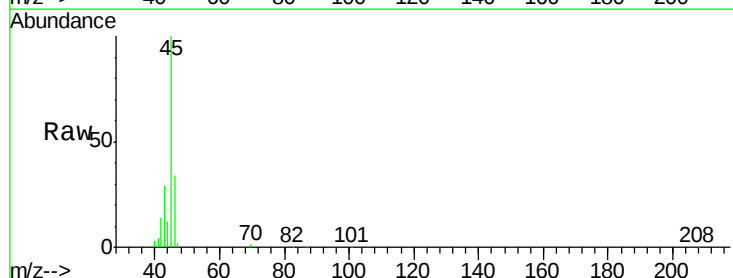
Acq: 3 May 2018 22:41

Tgt Ion: 45 Resp: 106336

Ion	Ratio	Lower	Upper
45	100		
46	36.0	0.0	0.0#

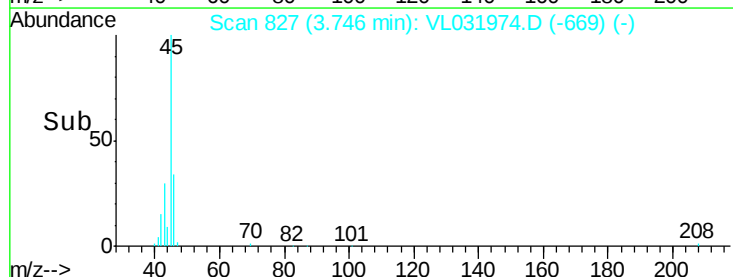
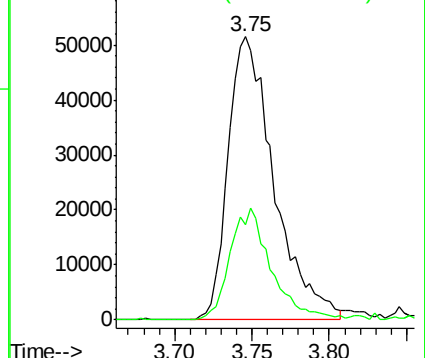
45 100

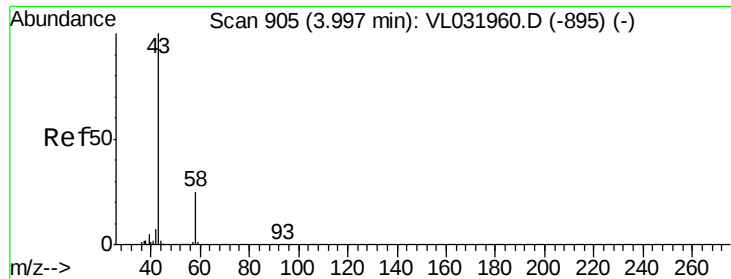
46 36.0 0.0 0.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.53 ppbv

RT: 4.01 min Scan# 908

Delta R.T. 0.01 min

Lab File: VL031974.D

Acq: 3 May 2018 22:41

Instrument :

MSVOA_L

ClientSampleId :

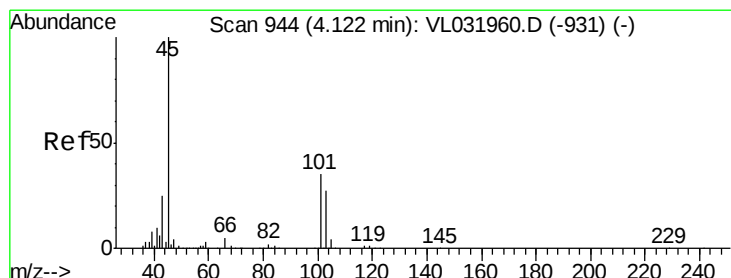
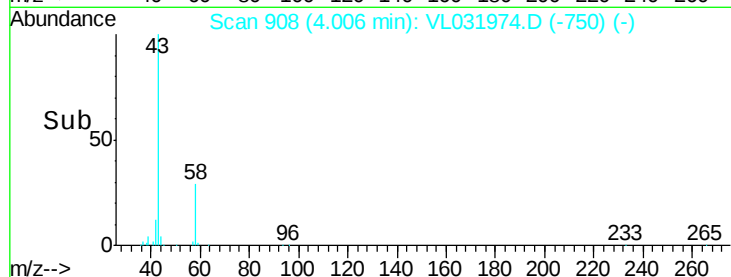
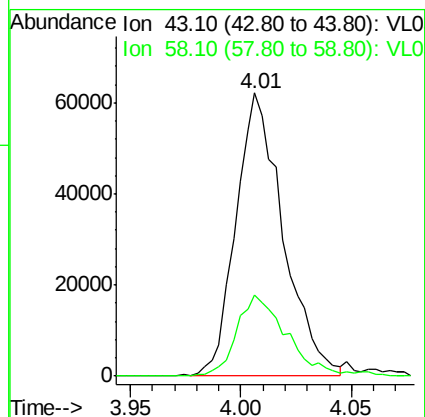
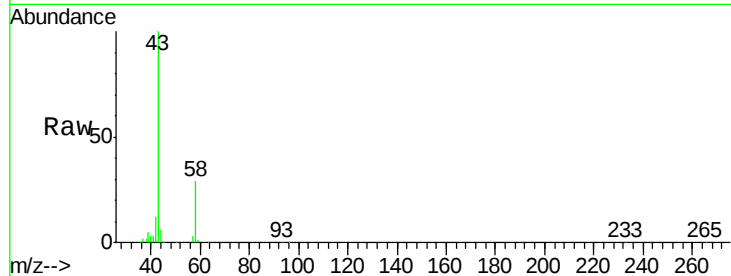
IA1DL

Tot Ion: 43 Resp: 92575

Ion Ratio Lower Upper

43 100

58 30.6 21.1 31.7



#19

Isopropyl Alcohol

Concen: 0.63 ppbv

RT: 4.14 min Scan# 950

Delta R.T. 0.02 min

Lab File: VL031974.D

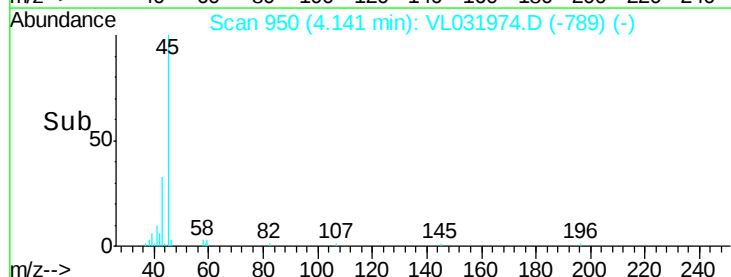
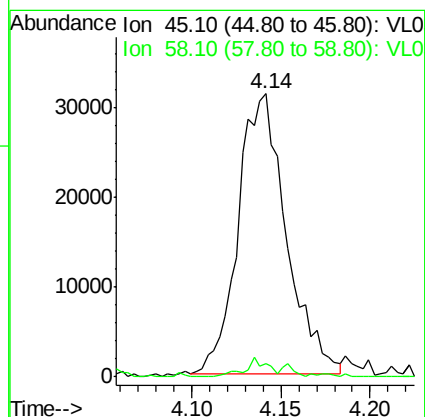
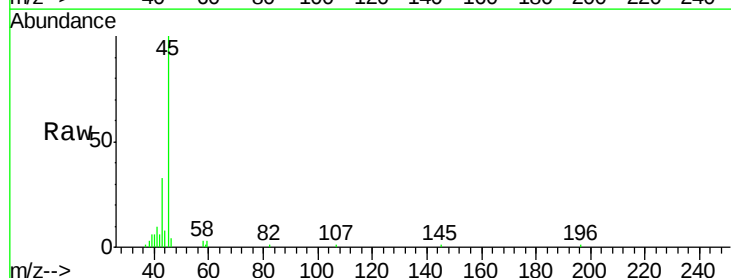
Acq: 3 May 2018 22:41

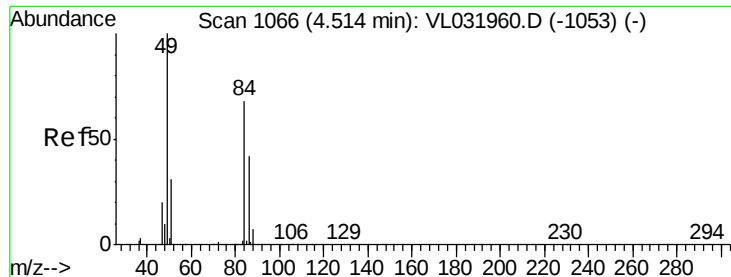
Tgt Ion: 45 Resp: 58945

Ion Ratio Lower Upper

45 100

58 5.1 1.4 2.2#

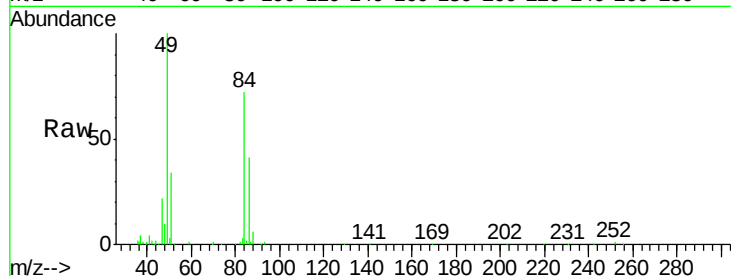




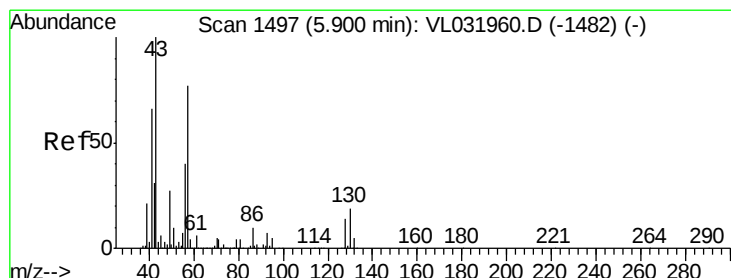
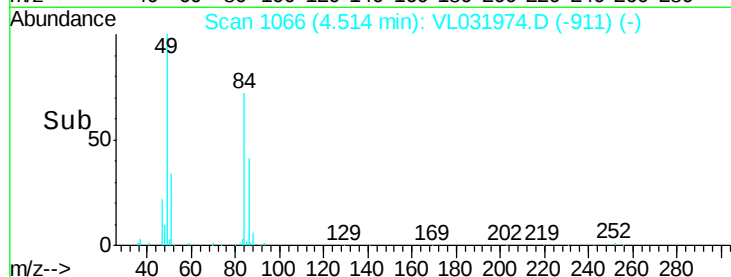
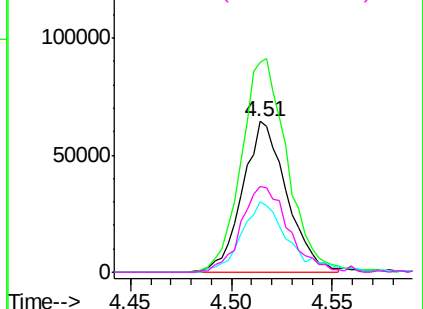
#20
Methvlene Chloride
Concen: 1.69 ppbv
RT: 4.51 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tot Ion:	84	Resp:	98980
Ion	Ratio	Lower	Upper
84	100		
49	139.5	118.6	178.0
51	46.6	36.6	54.8
86	56.8	49.8	74.8

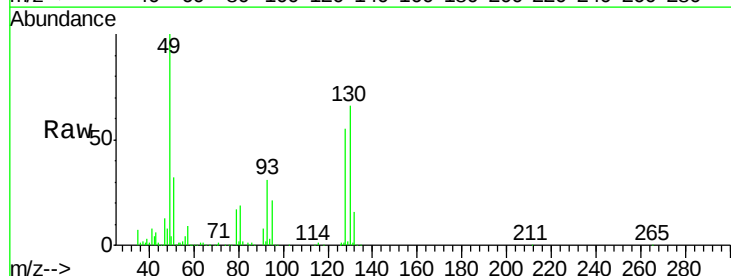


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

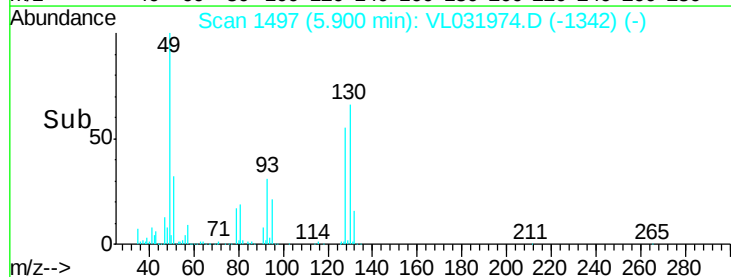
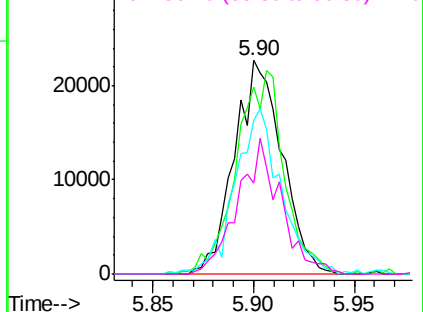


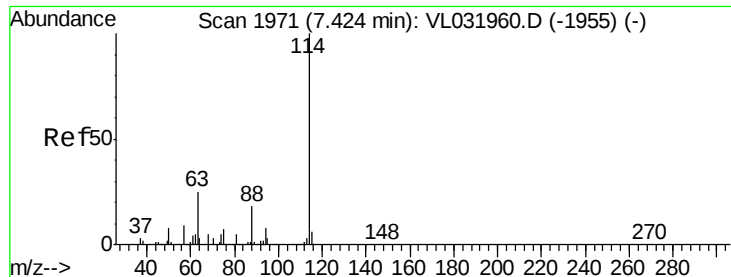
#26
Hexane
Concen: 0.27 ppbv
RT: 5.90 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Tgt Ion:	57	Resp:	37575
Ion	Ratio	Lower	Upper
57	100		
41	95.3	71.8	107.6
43	75.6	171.5	257.3#
56	56.8	41.4	62.2



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

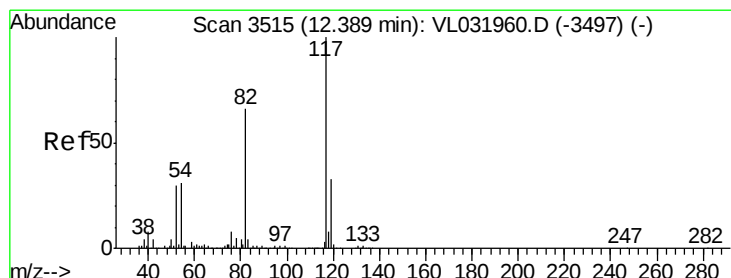
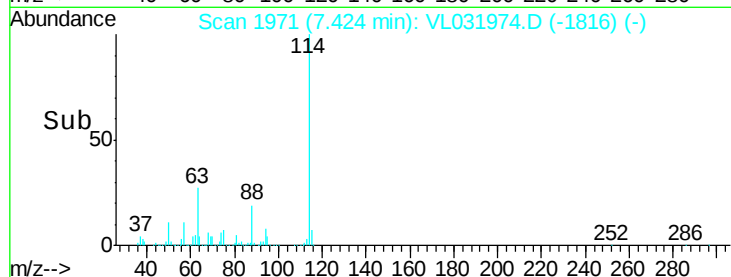
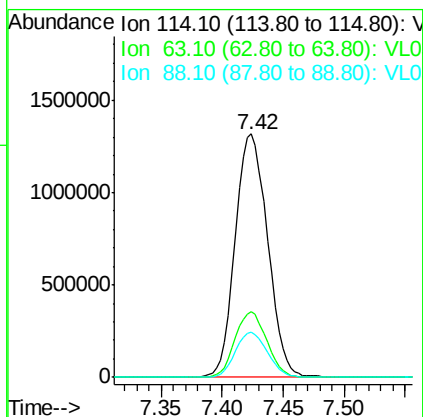
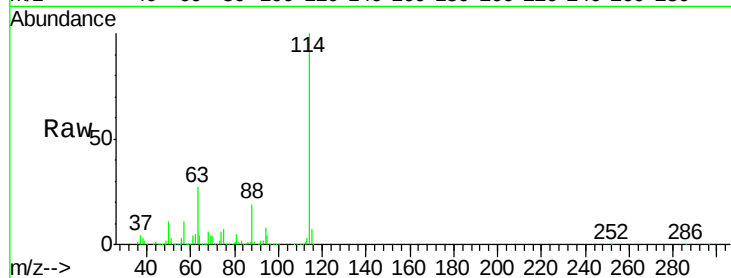




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.42 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VL031974.D
 Acq: 3 May 2018 22:41

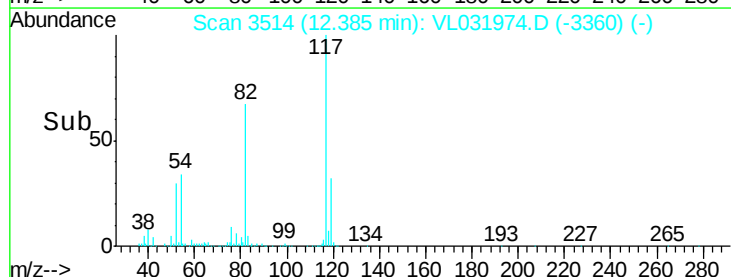
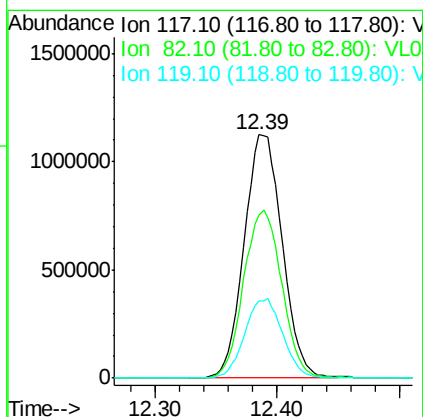
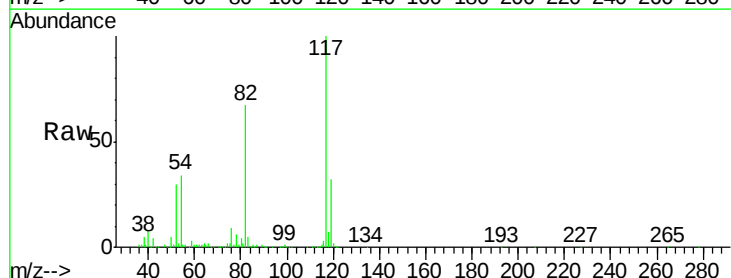
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

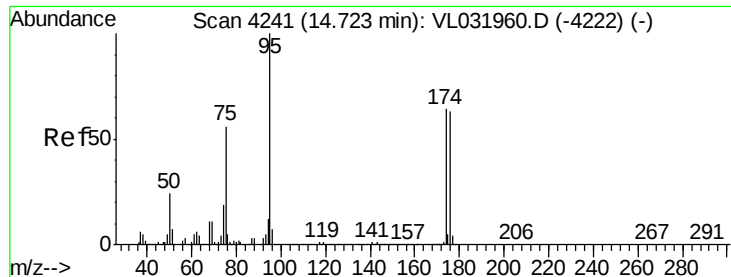
Tot Ion:114 Resp: 2427041
 Ion Ratio Lower Upper
 114 100
 63 26.6 20.8 31.2
 88 18.4 14.6 21.8



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.39 min Scan# 3514
 Delta R.T. -0.00 min
 Lab File: VL031974.D
 Acq: 3 May 2018 22:41

Tgt Ion:117 Resp: 2421516
 Ion Ratio Lower Upper
 117 100
 82 69.6 51.6 77.4
 119 32.6 44.2 66.4#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.47 ppbv

RT: 14.73 min Scan# 4242

Delta R.T. 0.00 min

Lab File: VL031974.D

Acq: 3 May 2018 22:41

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tot Ion: 95 Resp: 1966766

Ion Ratio Lower Upper

95 100

174 64.7 53.0 79.6

175 4.8 3.9 5.9

