

Data File : VL031968.D
Acq On : 3 May 2018 17:53
Operator : SY/AP
Sample : VL0503ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABL01

Quant Time: May 04 03:25:50 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	1278646	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2780497	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2618999	10.00	ppbv	0.00

System Monitoring Compounds
68) 1-Bromo-4-Fluorobenzene 14.73 95 2039257 10.04 ppbv 0.00
Spiked Amount 10.000 Range 65 - 135 Recovery = 100.40%

Target Compounds						Qvalue
15) Acetone	4.02	43	33232	0.18	ppbv #	89
20) Methylene Chloride	4.52	84	19244	0.32	ppbv	95
23) Vinyl Acetate	5.27	43	2293	0.01	ppbv #	85
30) Cyclohexane	7.41	84	3824	0.04	ppbv #	1
39) 1,2-Dichloropropane	7.42	63	726236	7.96	ppbv #	24
65) tert-Butylbenzene	17.24	119	11907	0.03	ppbv #	17

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

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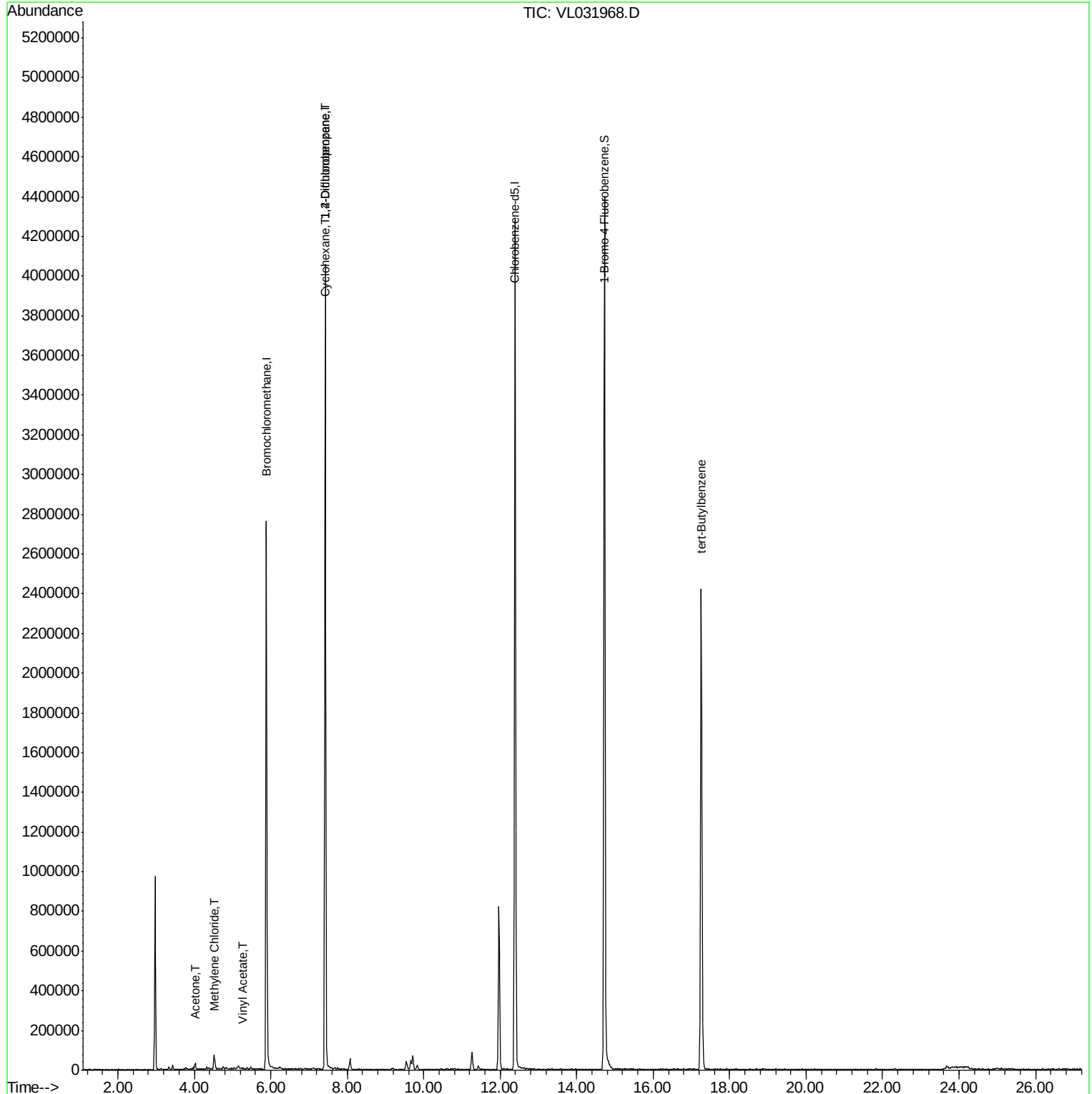
Quant Time: May 04 03:25:50 2018

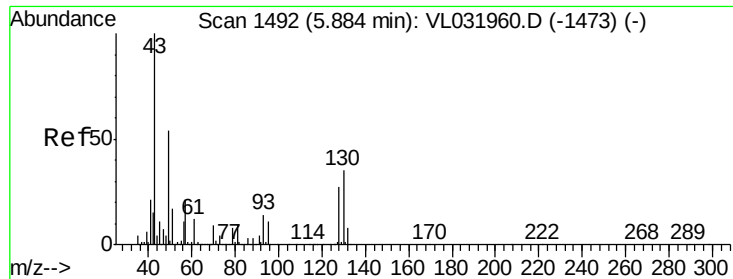
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M

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

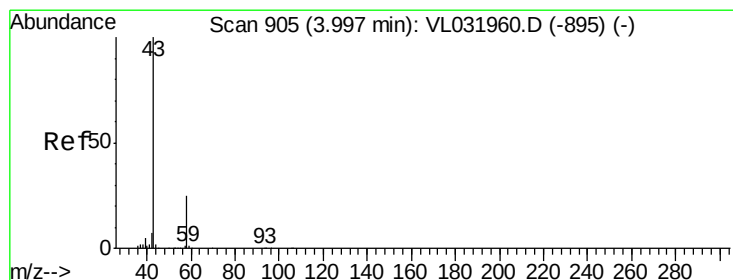
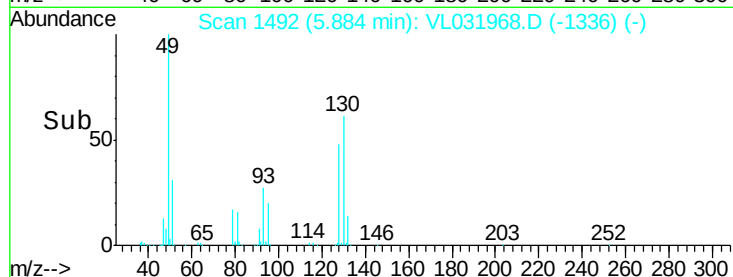
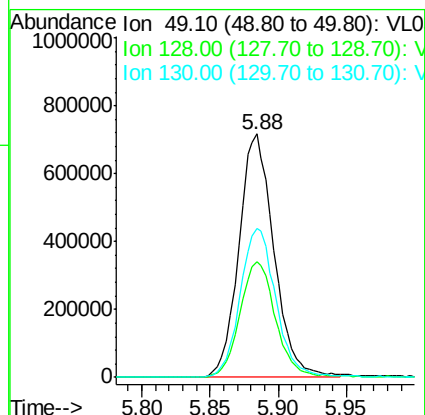
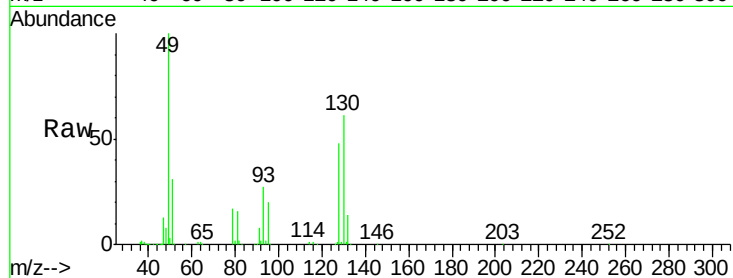




#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.88 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VL031968.D
 Acq: 3 May 2018 17:53

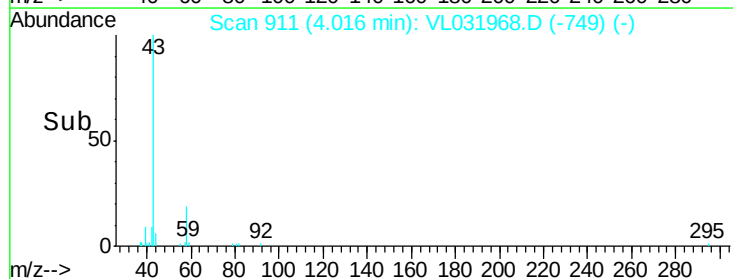
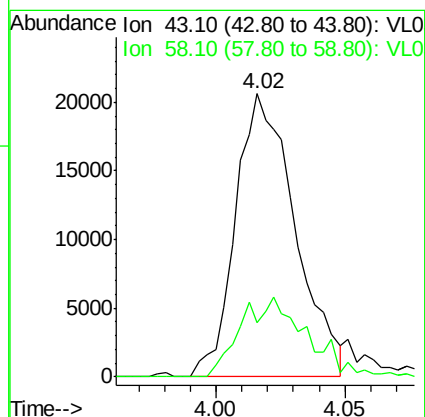
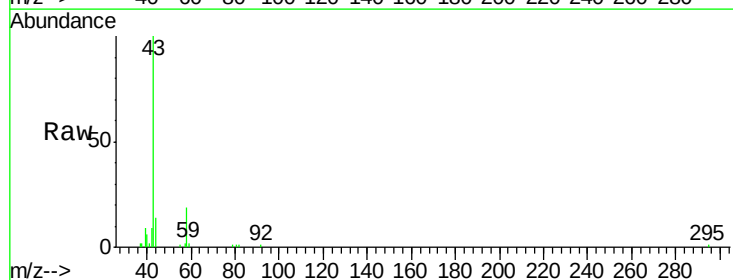
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0503ABL01

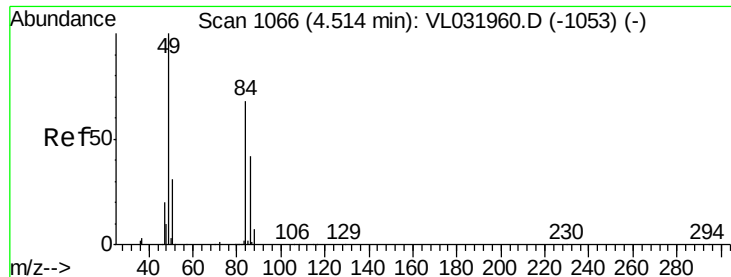
Tgt Ion: 49 Resp: 1278646
 Ion Ratio Lower Upper
 49 100
 128 49.2 24.1 72.3
 130 62.9 30.7 92.1



#15
 Acetone
 Concen: 0.18 ppbv
 RT: 4.02 min Scan# 911
 Delta R.T. 0.02 min
 Lab File: VL031968.D
 Acq: 3 May 2018 17:53

Tgt Ion: 43 Resp: 33232
 Ion Ratio Lower Upper
 43 100
 58 31.8 21.1 31.7#

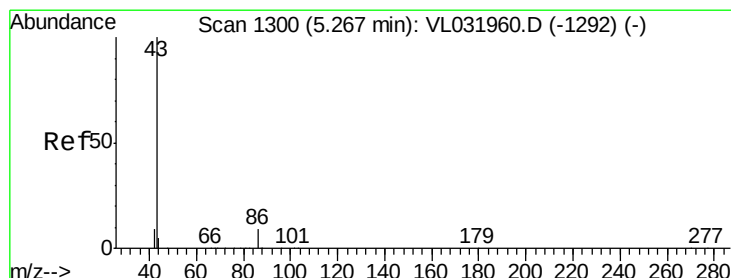
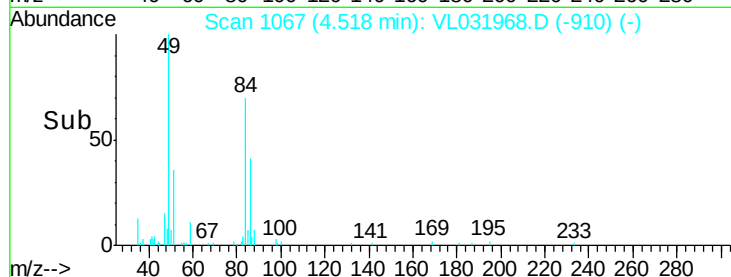
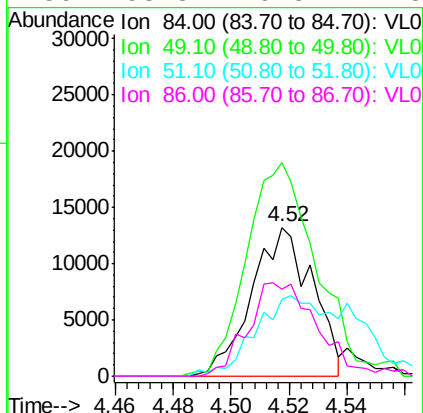
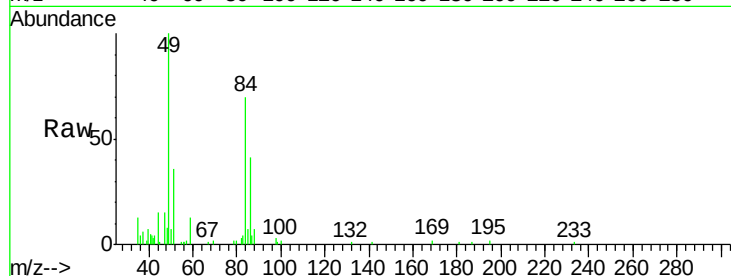




#20
Methylene Chloride
Concen: 0.32 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VL031968.D
Acq: 3 May 2018 17:53

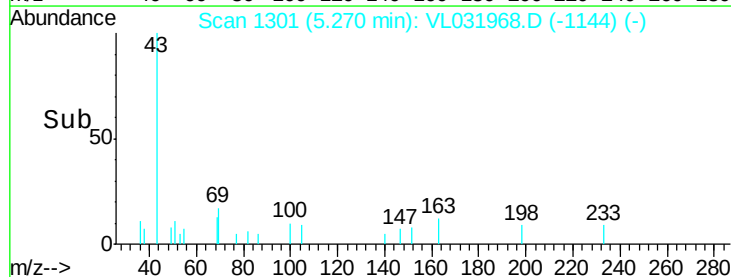
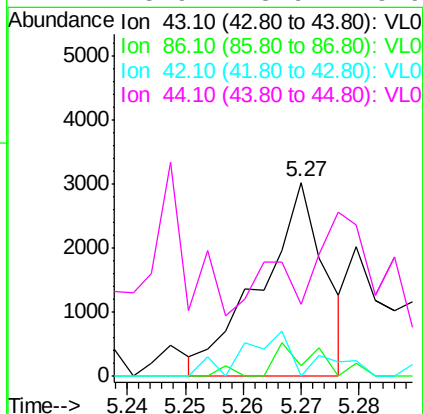
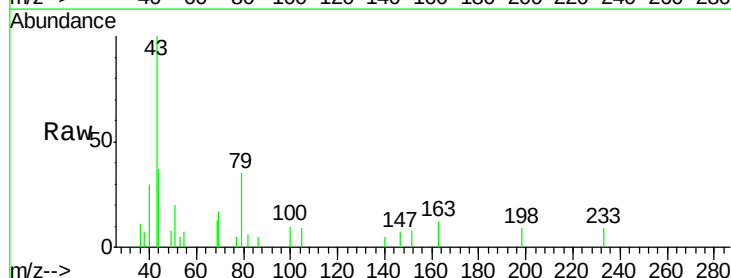
Instrument :
MSVOA_L
ClientSampleId :
VL0503ABL01

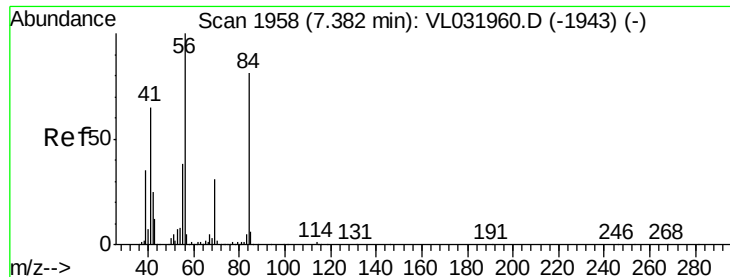
Tgt Ion:	84	Resp:	19244
Ion	Ratio	Lower	Upper
84	100		
49	142.3	118.6	178.0
51	51.6	36.6	54.8
86	58.8	49.8	74.8



#23
Vinyl Acetate
Concen: 0.01 ppbv
RT: 5.27 min Scan# 1301
Delta R.T. 0.00 min
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Tgt Ion:	43	Resp:	2293
Ion	Ratio	Lower	Upper
43	100		
86	5.7	6.1	9.1#
42	0.0	8.0	12.0#
44	3.9	3.9	5.9#





#30

Cyclohexane

Concen: 0.04 ppbv

RT: 7.41 min Scan# 1966

Delta R.T. 0.03 min

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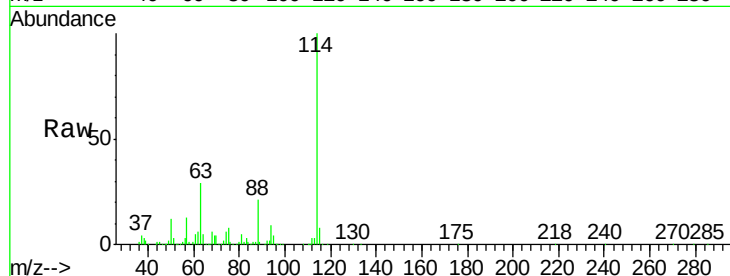
Tgt Ion: 84 Resp: 3824

Ion Ratio Lower Upper

84 100

56 0.0 108.0 162.0#

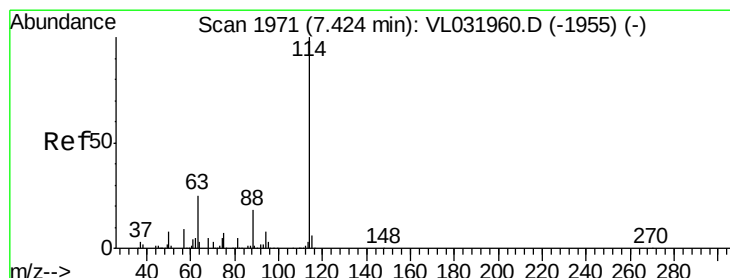
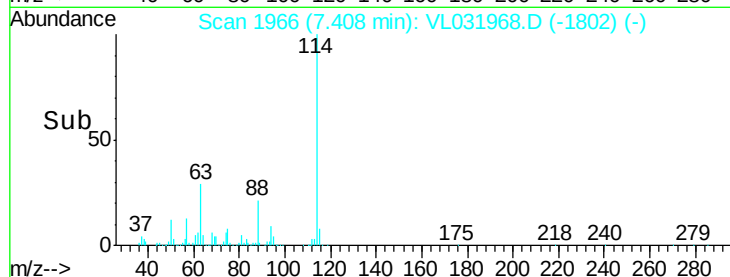
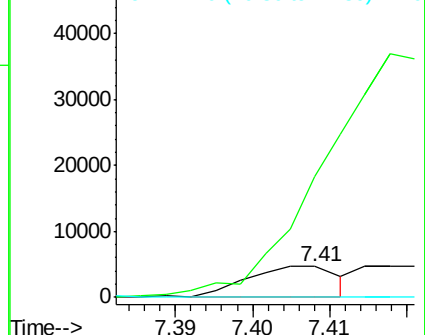
41 7.1 66.8 100.2#



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: 10.00 ppbv

RT: 7.42 min Scan# 1971

Delta R.T. 0.00 min

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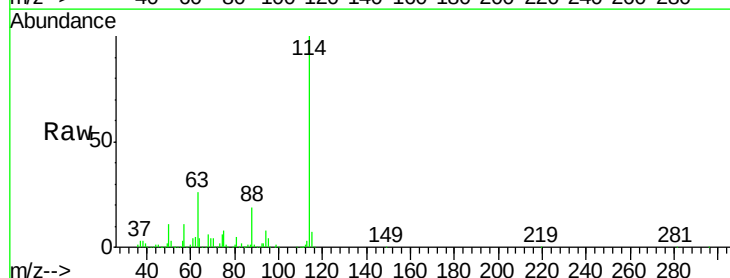
Tgt Ion: 114 Resp: 2780497

Ion Ratio Lower Upper

114 100

63 26.3 20.8 31.2

88 18.6 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

