

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
 Data File : VL031979.D
 Acq On : 4 May 2018 2:04
 Operator : SY/AP
 Sample : J2629-01DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG2DL2

Manual Integrations
 APPROVED

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 5/4/2018 5:01:15 PM

Quant Time: May 04 04:21:17 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	1243741	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2526507	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2434218	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.73	95	1940525	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.77	45	5753m	0.36	ppbv	
15) Acetone	4.01	43	35912	0.20	ppbv	93
34) 2-Butanone	5.47	43	29570m	0.14	ppbv	

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

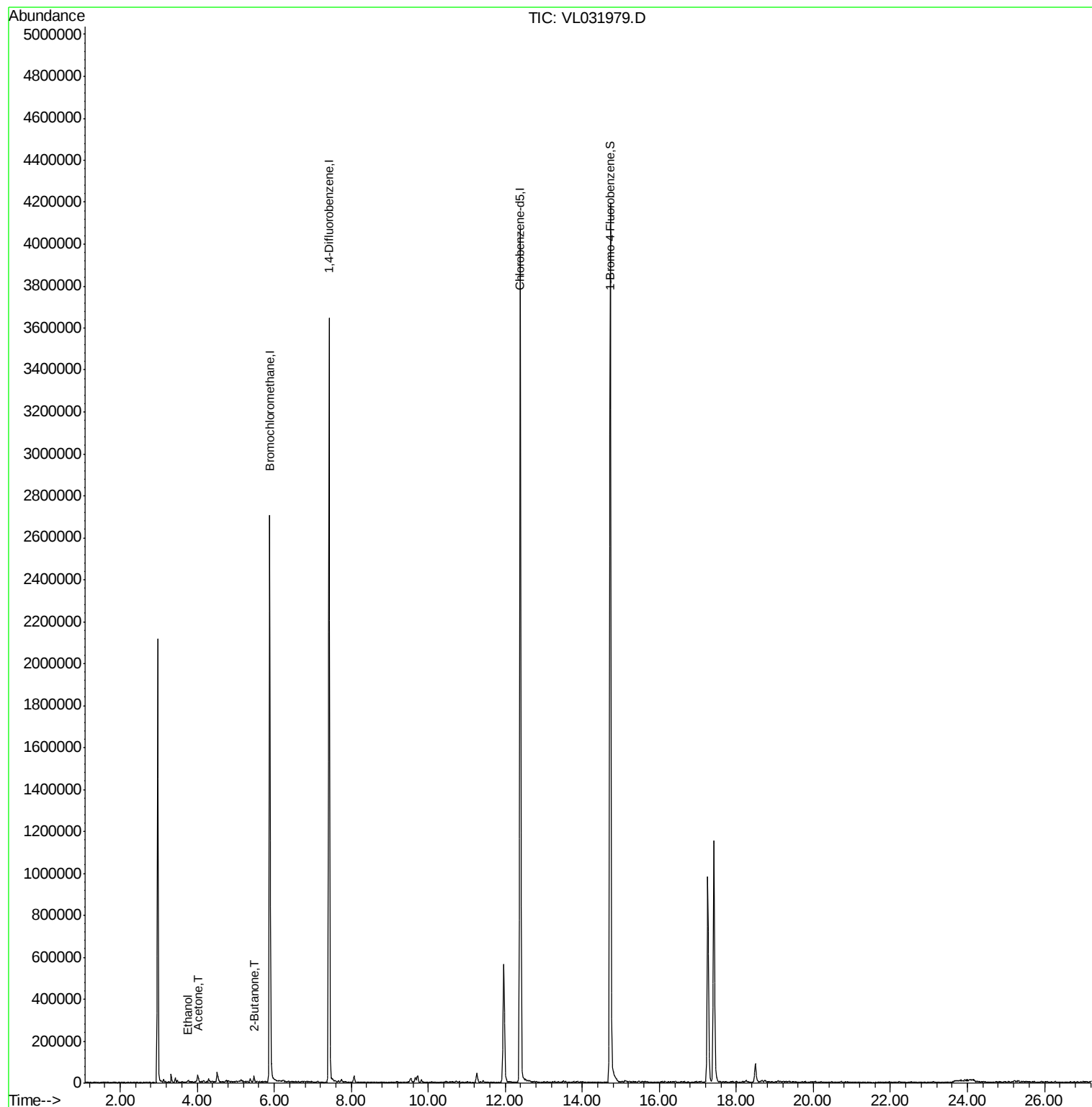
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
Data File : VL031979.D
Acq On : 4 May 2018 2:04
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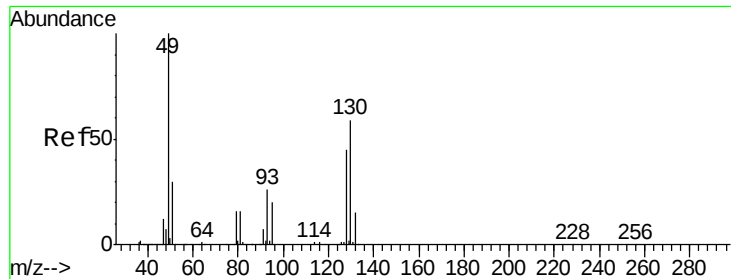
Instrument :
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QLast Update : Thu May 03 15:52:13 2018
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#1

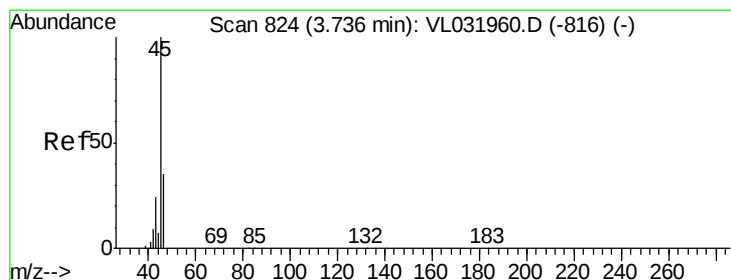
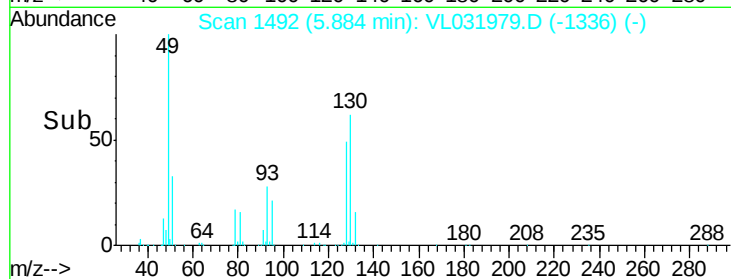
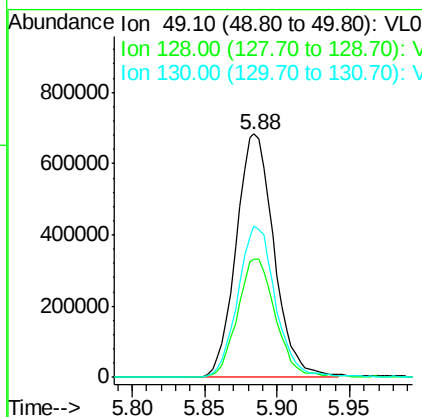
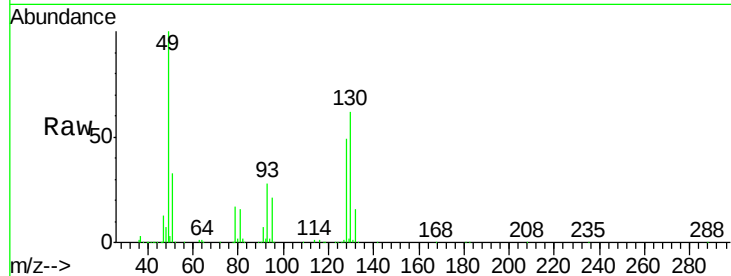
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.88 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VL031979.D
 Acq: 4 May 2018 2:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SG2DL2

Tot Ion	Ratio	Lower	Upper
49	100		
128	48.9	24.1	72.3
130	61.8	30.7	92.1

Manual Integrations
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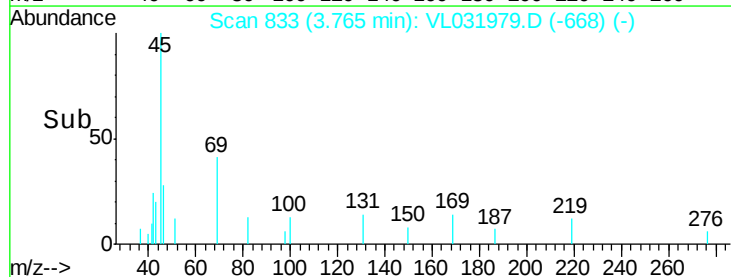
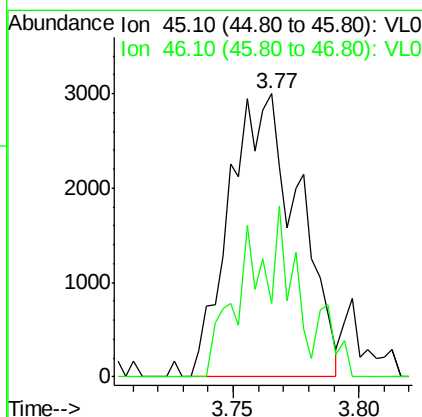
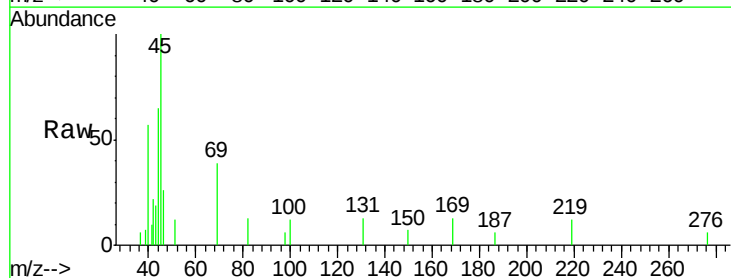
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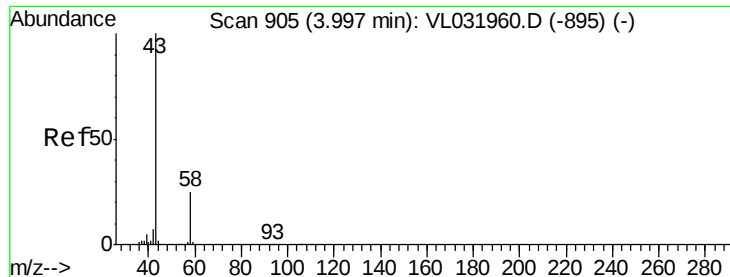


#13

Ethanol
 Concen: 0.36 ppbv m
 RT: 3.77 min Scan# 833
 Delta R.T. 0.03 min
 Lab File: VL031979.D
 Acq: 4 May 2018 2:04

Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0





#15

Acetone

Concen: 0.20 ppbv

RT: 4.01 min Scan# 910

Delta R.T. 0.02 min

Lab File: VL031979.D

Acq: 4 May 2018 2:04

Instrument :

MSVOA_L

ClientSampleId :

SG2DL2

Tot Ion: 43 Resp: 35912

Ion Ratio Lower Upper

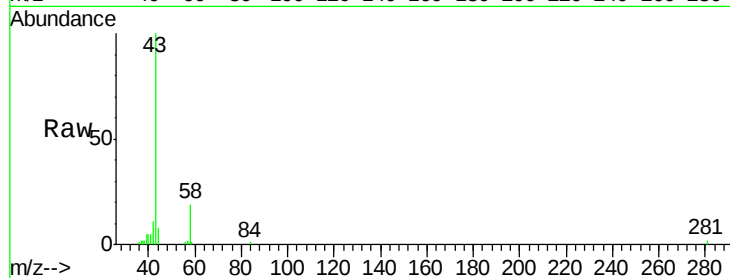
43 100

58 29.8 21.1 31.7

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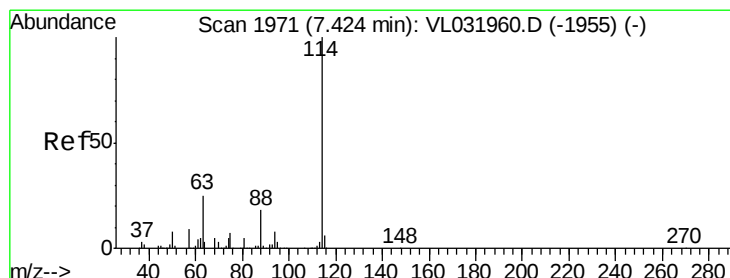
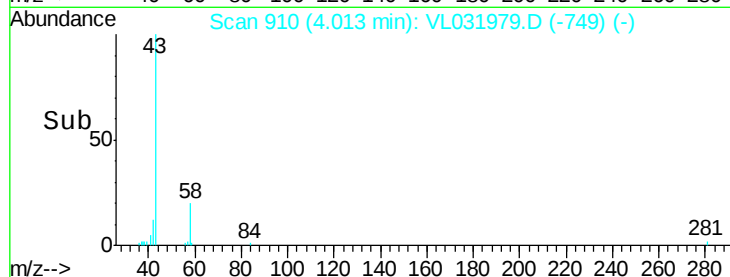
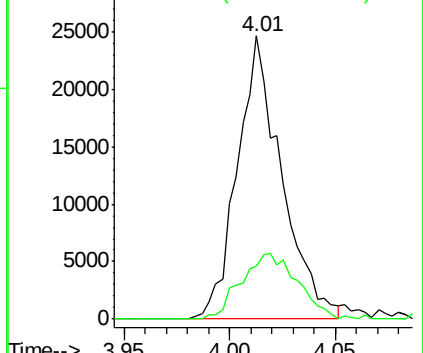
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.42 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VL031979.D

Acq: 4 May 2018 2:04

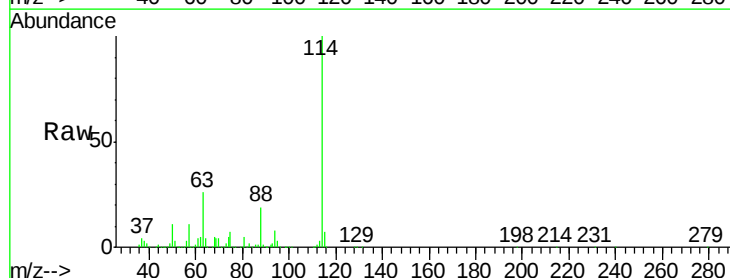
Tgt Ion: 114 Resp: 2526507

Ion Ratio Lower Upper

114 100

63 26.3 20.8 31.2

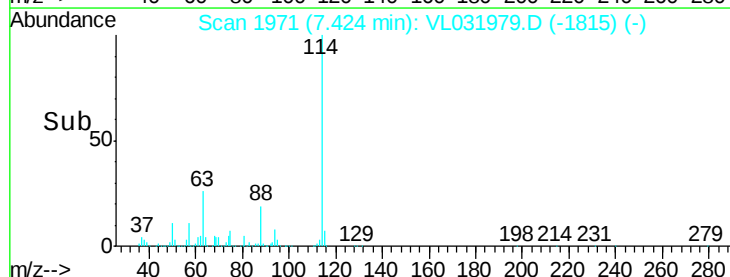
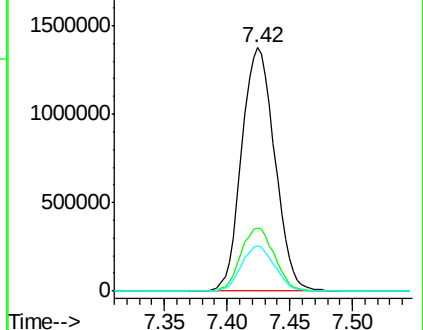
88 18.6 14.6 21.8

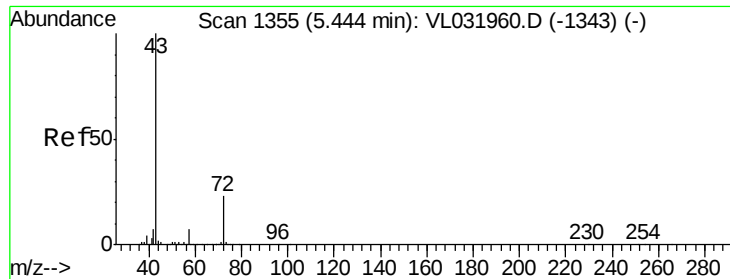


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





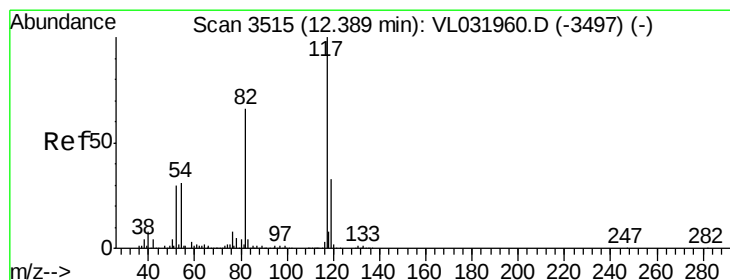
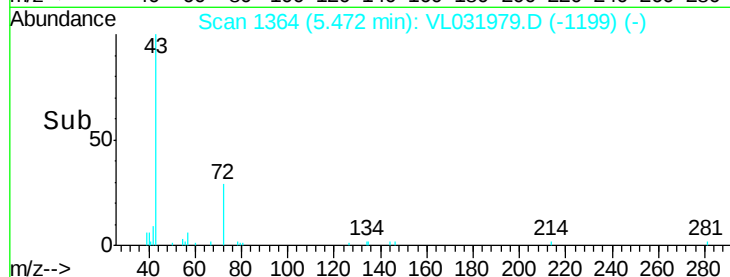
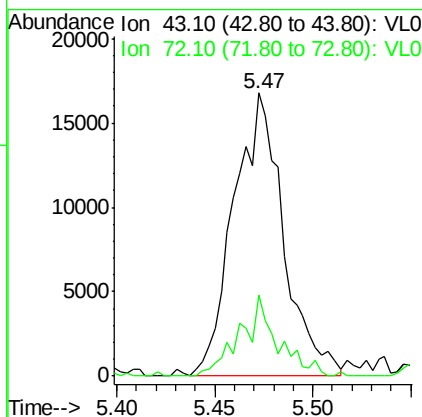
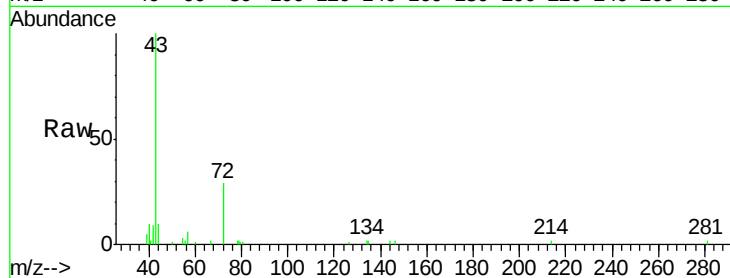
#34
2-Butanone
Concen: 0.14 ppbv m
RT: 5.47 min Scan# 1364
Delta R.T. 0.03 min
Lab File: VL031979.D
Acq: 4 May 2018 2:04

Instrument :
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Tot Ion	43	Ratio	Lower	Upper
29570	100			
72	0.0	18.3	27.5#	

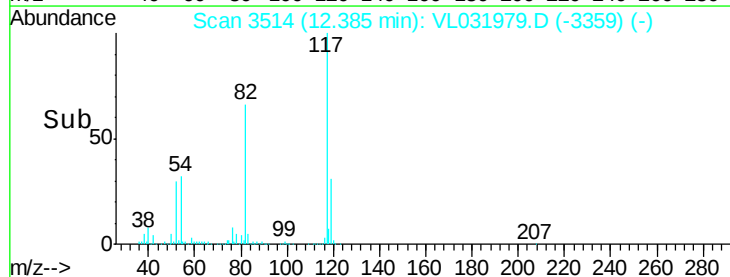
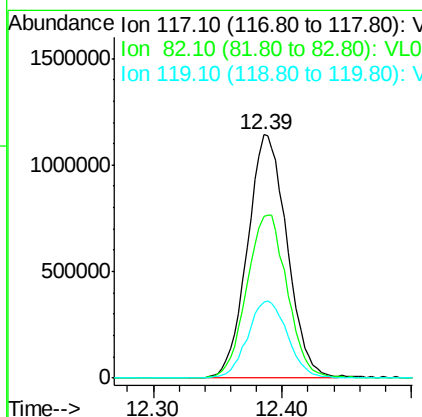
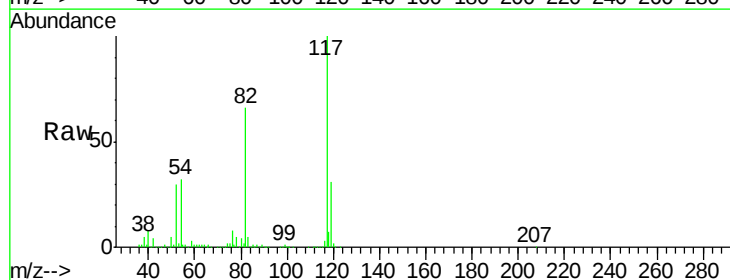
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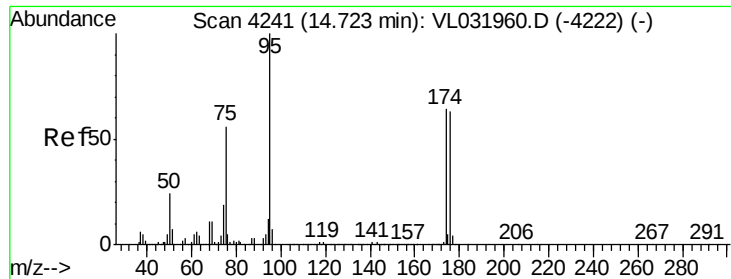
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VL031979.D
Acq: 4 May 2018 2:04

Tgt Ion	117	Ratio	Lower	Upper
2434218	100			
82	68.9	51.6	77.4	
119	32.3	44.2	66.4#	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.28 ppbv
 RT: 14.73 min Scan# 4242
 Delta R.T. 0.00 min
 Lab File: VL031979.D
 Acq: 4 May 2018 2:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SG2DL2

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.1	53.0	79.6
175	4.7	3.9	5.9

Manual Integrations
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