

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
 Data File : VL031978.D
 Acq On : 4 May 2018 1:24
 Operator : SY/AP
 Sample : J2629-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG2DL

Manual Integrations
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Quant Time: May 04 04:19:41 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL050318AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1338200	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2693913	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2678609	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.73	95	2113585	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.12	41	18615	0.40	ppbv	95
13) Ethanol	3.76	45	18869m	1.10	ppbv	
15) Acetone	4.01	43	75525	0.40	ppbv #	75
34) 2-Butanone	5.46	43	116093	0.52	ppbv	99
51) 2-Hexanone	10.44	43	27460	0.14	ppbv #	94

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

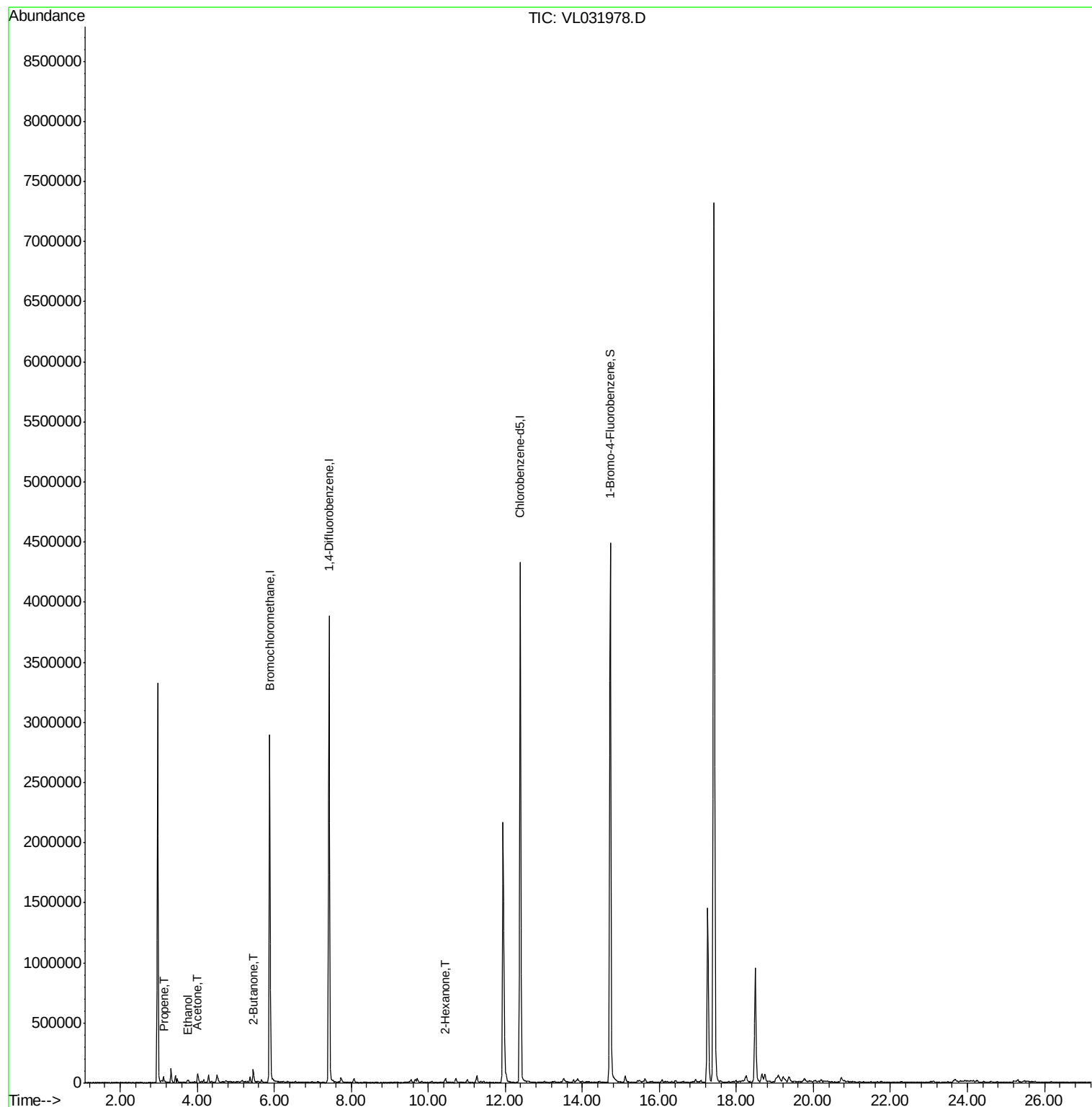
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
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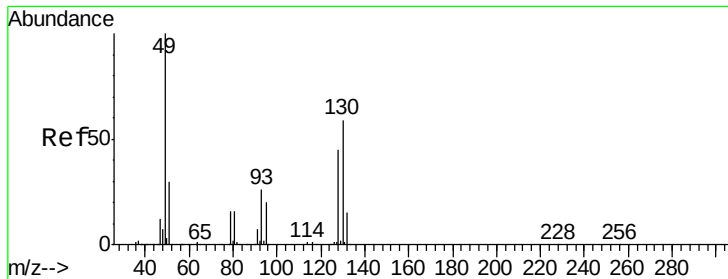
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: May 04 04:19:41 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.88 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VL031978.D

Acq: 4 May 2018 1:24

Instrument :

MSVOA_L

ClientSampled :

SG2DL

Tot Ion: 49 Resp: 1338200

Ion Ratio Lower Upper

49 100

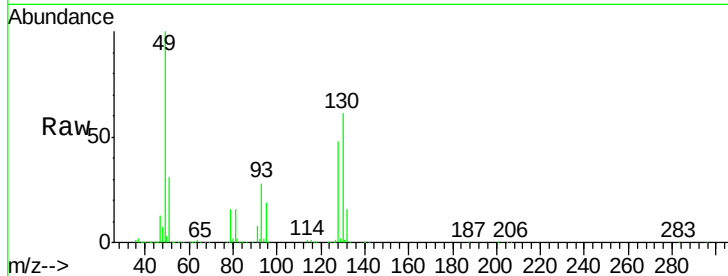
128 48.4 24.1 72.3

130 62.6 30.7 92.1

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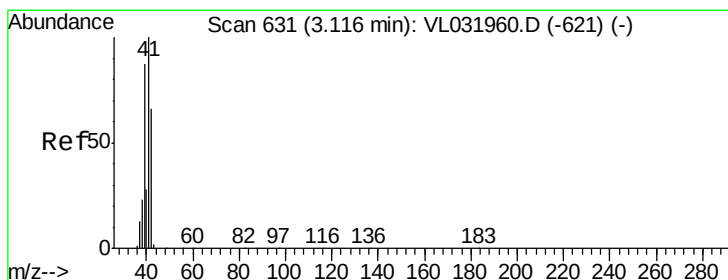
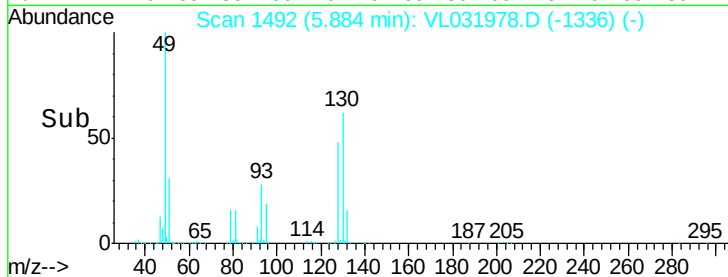
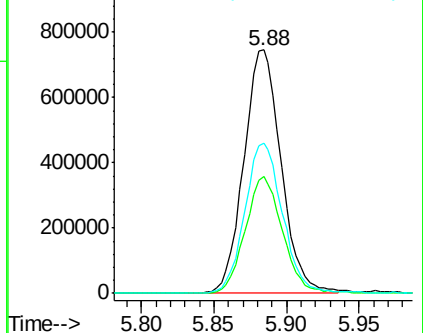
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.40 ppbv

RT: 3.12 min Scan# 632

Delta R.T. 0.00 min

Lab File: VL031978.D

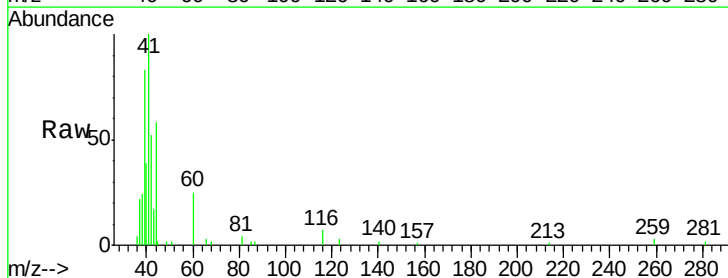
Acq: 4 May 2018 1:24

Tgt Ion: 41 Resp: 18615

Ion Ratio Lower Upper

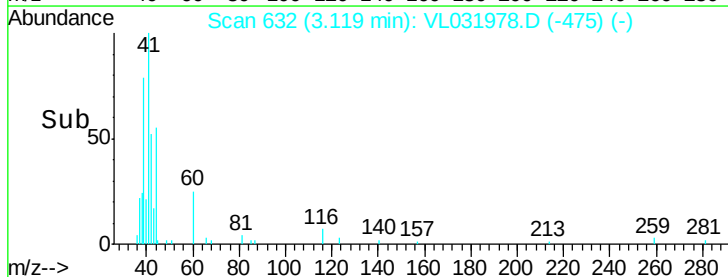
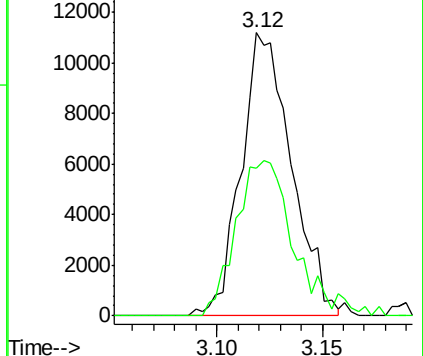
41 100

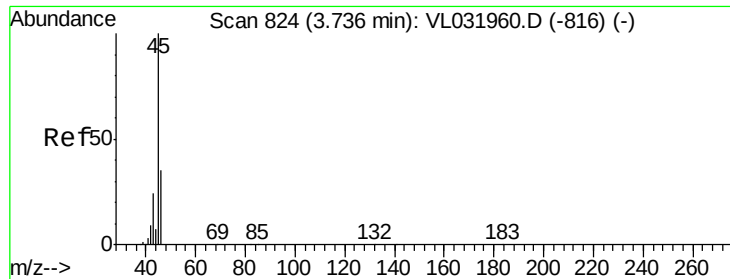
42 63.2 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





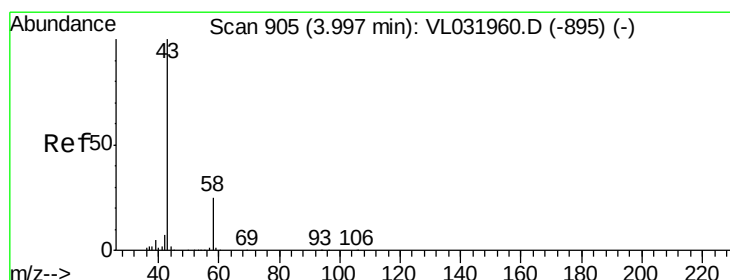
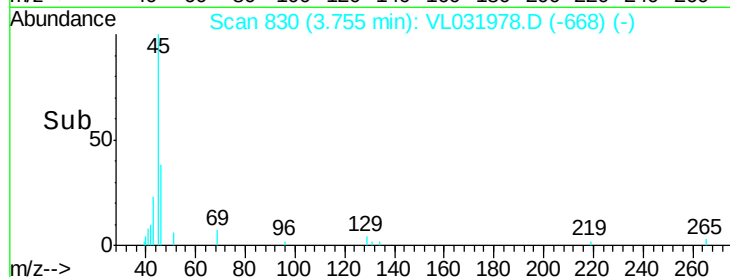
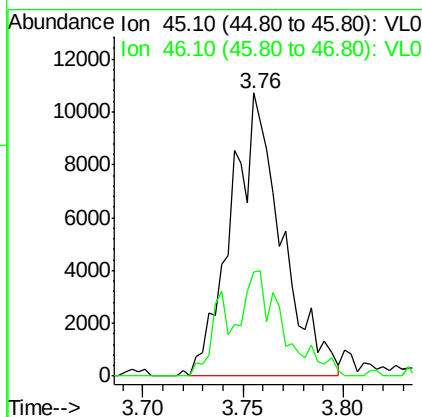
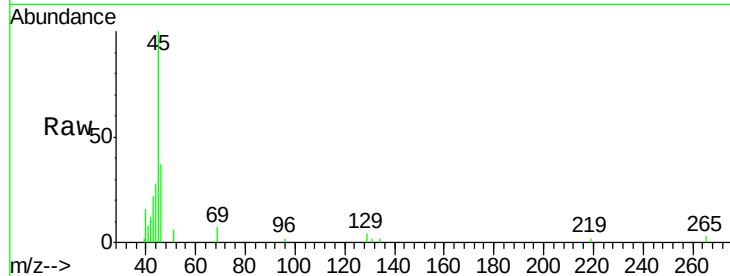
#13
Ethanol
Concen: 1.10 ppbv m
RT: 3.76 min Scan# 830
Delta R.T. 0.02 min
Lab File: VL031978.D
Acq: 4 May 2018 1:24

Instrument :
MSVOA_L
ClientSampled :
SG2DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
45	100		18869		
46	0.0		0.0	0.0	0.0

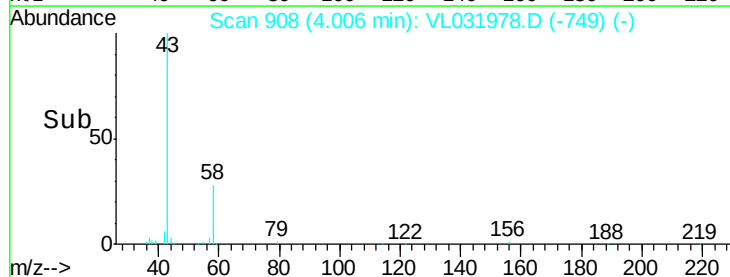
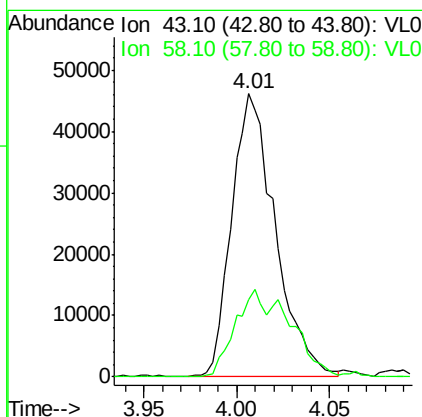
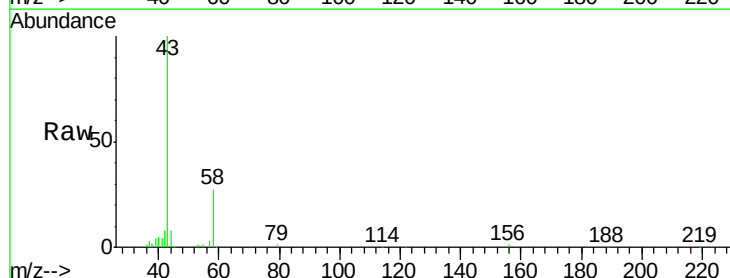
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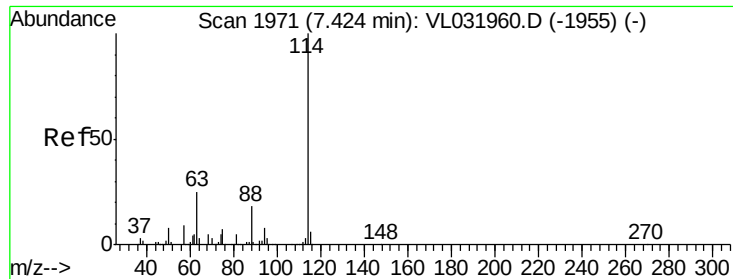
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#15
Acetone
Concen: 0.40 ppbv
RT: 4.01 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL031978.D
Acq: 4 May 2018 1:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		75525		
58	39.4		21.1	31.7	#





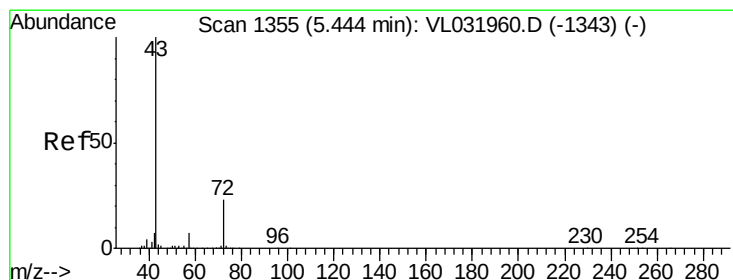
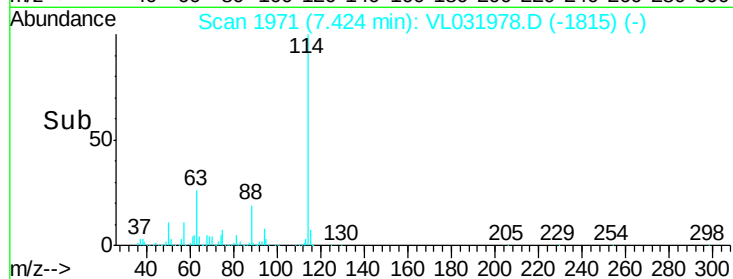
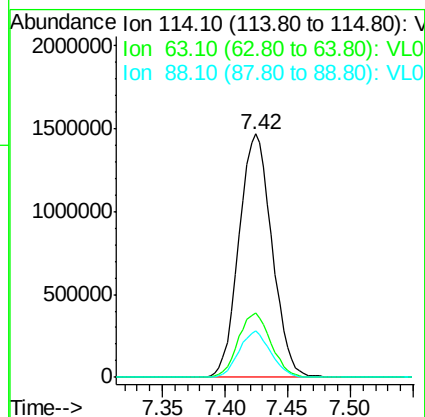
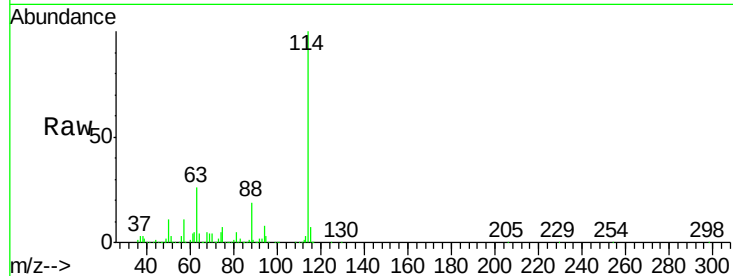
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.42 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VL031978.D
 Acq: 4 May 2018 1:24

Instrument :
 MSVOA_L
 ClientSampleId :
 SG2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.8	31.2
88	18.4	14.6	21.8

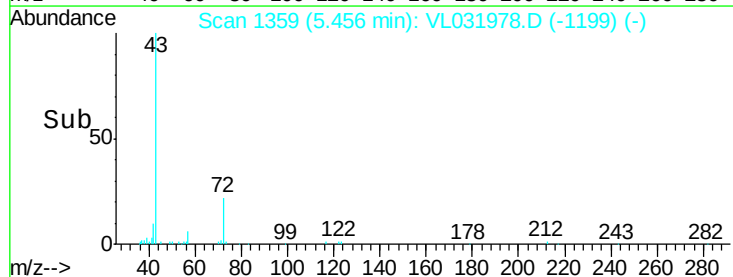
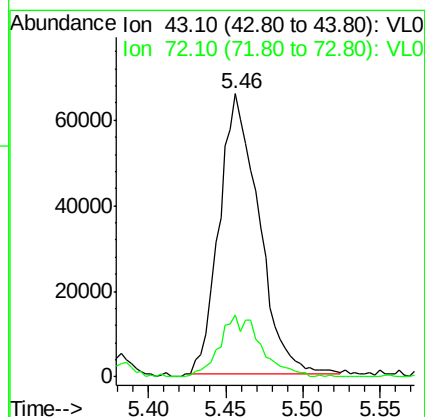
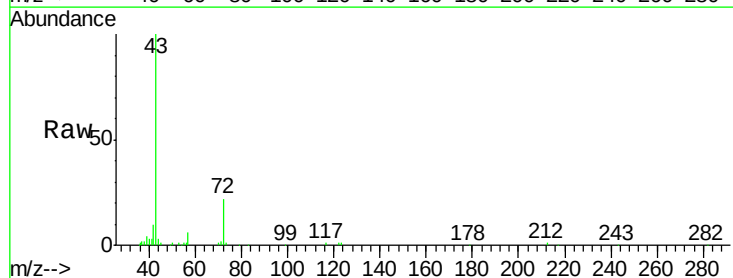
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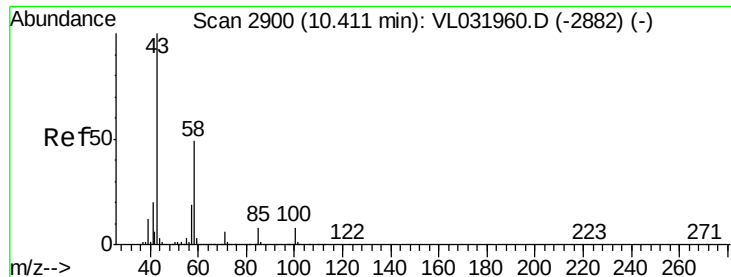
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#34
 2-Butanone
 Concen: 0.52 ppbv
 RT: 5.46 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: VL031978.D
 Acq: 4 May 2018 1:24

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.2	18.3	27.5





#51

2-Hexanone

Concen: 0.14 ppbv

RT: 10.44 min Scan# 2908

Delta R.T. 0.03 min

Lab File: VL031978.D

Acq: 4 May 2018 1:24

Instrument :

MSVOA_L

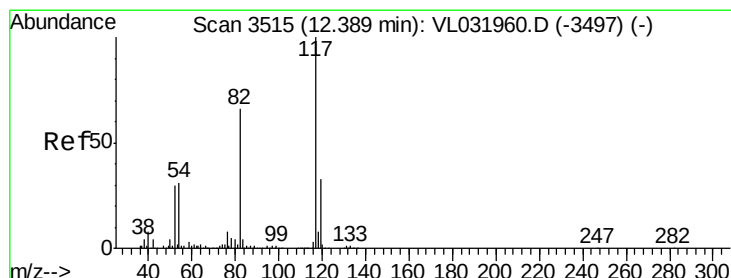
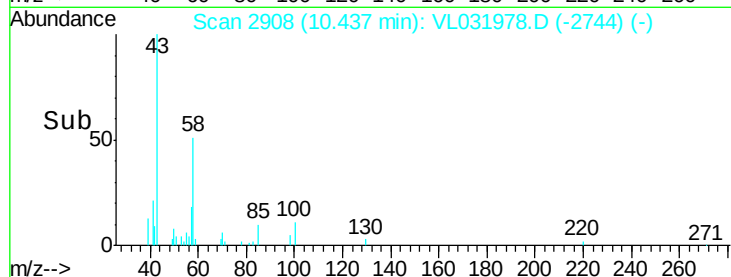
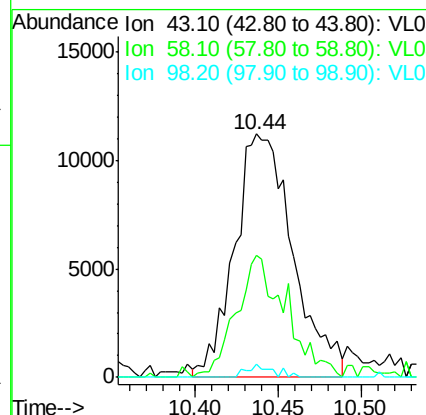
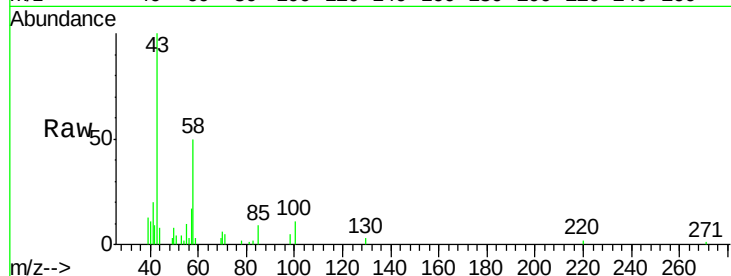
ClientSampled :

SG2DL

Tot Ion:	43	Resp:	27460
Ion Ratio	Lower	Upper	
43	100		
58	44.2	38.6	58.0
98	2.4	0.2	0.2#

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#55

Chlorobenzene-d5

Concen: 10.00 ppbv

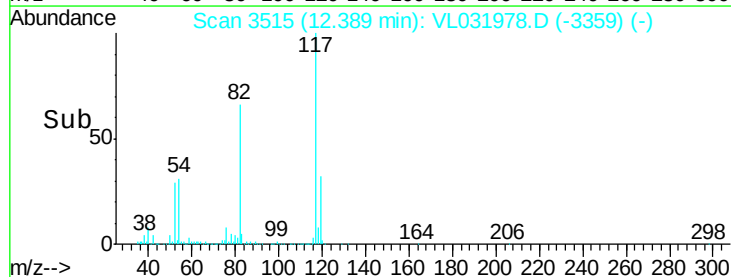
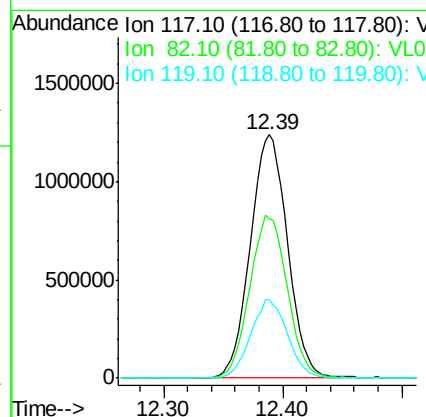
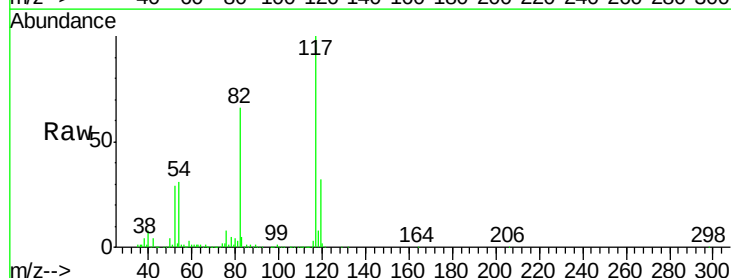
RT: 12.39 min Scan# 3515

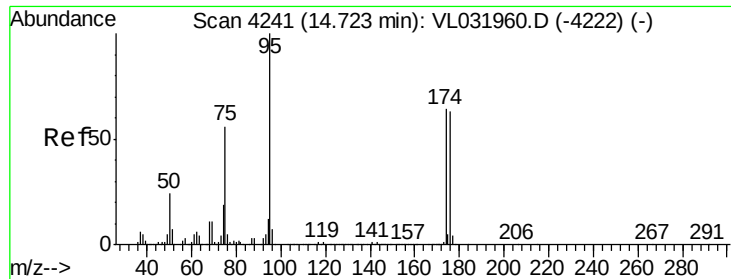
Delta R.T. 0.00 min

Lab File: VL031978.D

Acq: 4 May 2018 1:24

Tgt Ion:	117	Resp:	2678609
Ion Ratio	Lower	Upper	
117	100		
82	67.6	51.6	77.4
119	32.1	44.2	66.4#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.18 ppbv
 RT: 14.73 min Scan# 4242
 Delta R.T. 0.00 min
 Lab File: VL031978.D
 Acq: 4 May 2018 1:24

Instrument :
 MSVOA_L
 ClientSampleId :
 SG2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.5	53.0	79.6
175	4.8	3.9	5.9

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