

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
 Data File : VL031972.D
 Acq On : 3 May 2018 21:19
 Operator : SY/AP
 Sample : J2629-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

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Quant Time: May 04 04:03:54 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	1229818	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2527866	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2521891	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	2011711	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.75	45	83138	5.25	ppbv #	100
15) Acetone	4.01	43	92228	0.53	ppbv	96
19) Isopropyl Alcohol	4.14	45	47793	0.51	ppbv #	89
20) Methylene Chloride	4.51	84	25967m	0.44	ppbv	
26) Hexane	5.91	57	19181m	0.14	ppbv	

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

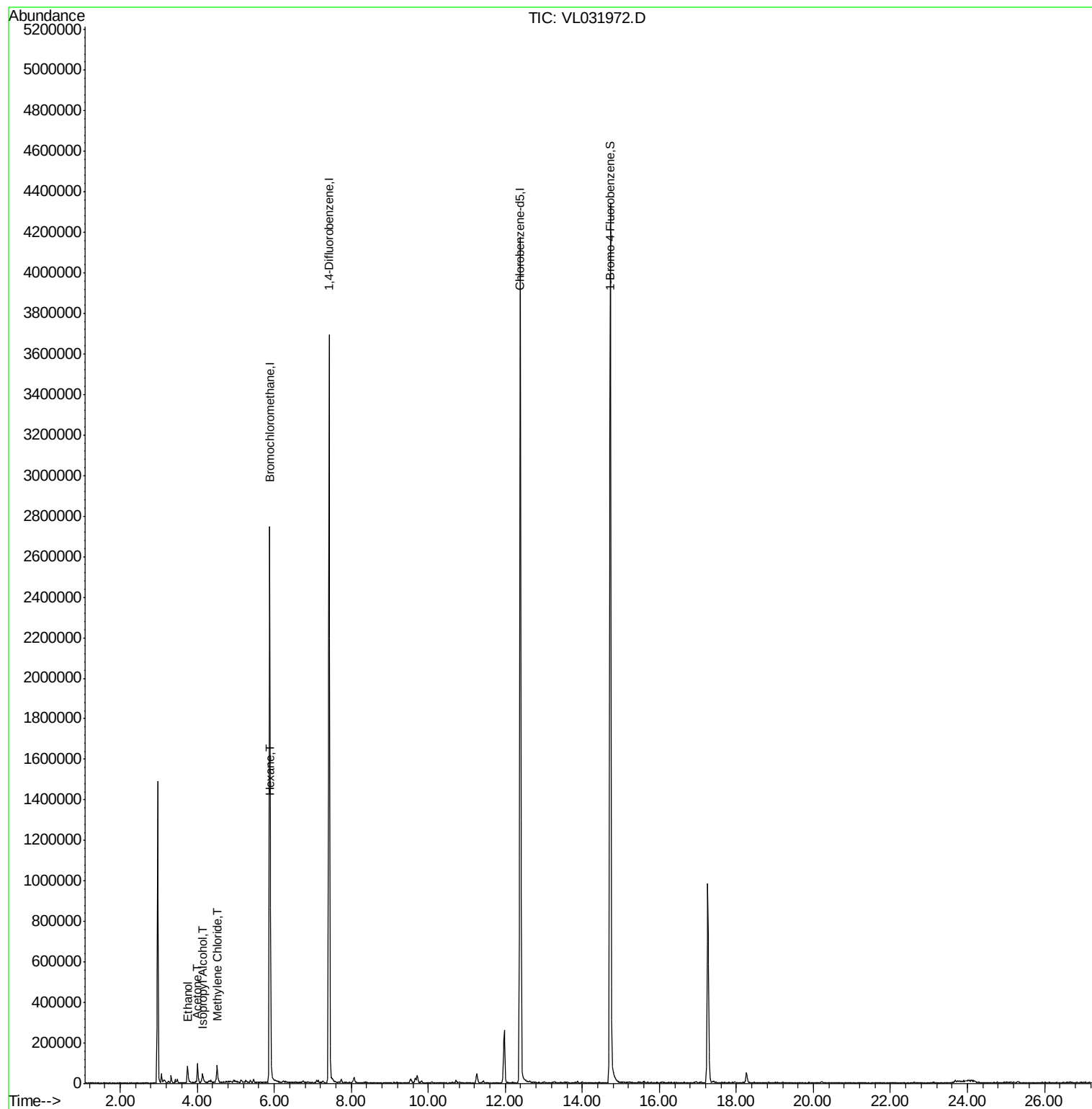
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
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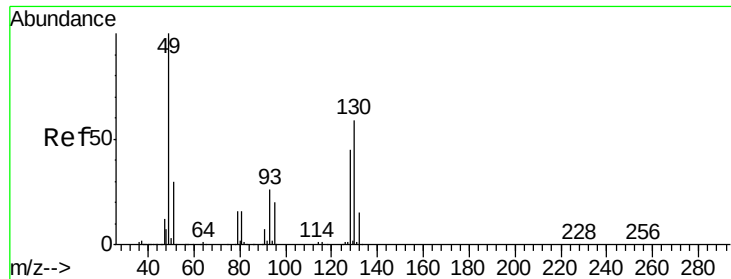
Instrument :
MSVOA_L
ClientSampleId :
IA2DL

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Quant Time: May 04 04:03:54 2018
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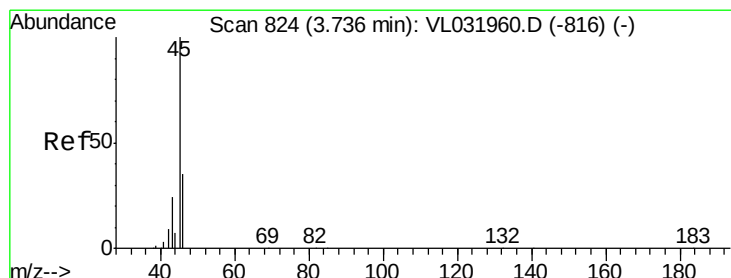
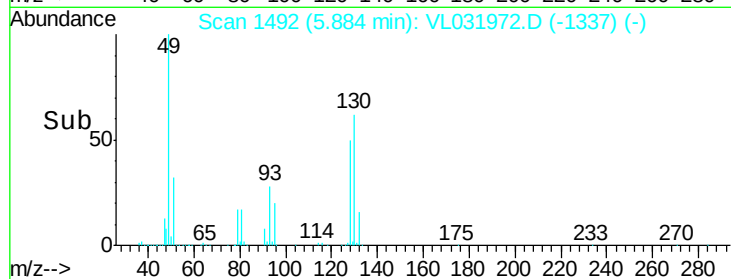
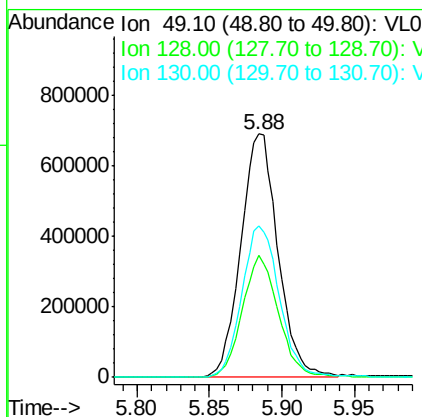
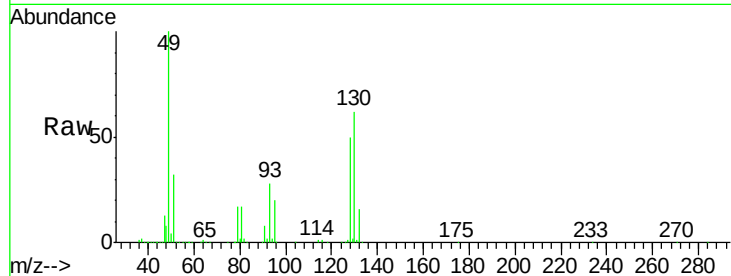
#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.88 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VL031972.D
 Acq: 3 May 2018 21:19

Instrument :
 MSVOA_L
 ClientSampled :
 IA2DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	49.2	24.1	72.3
130	63.7	30.7	92.1

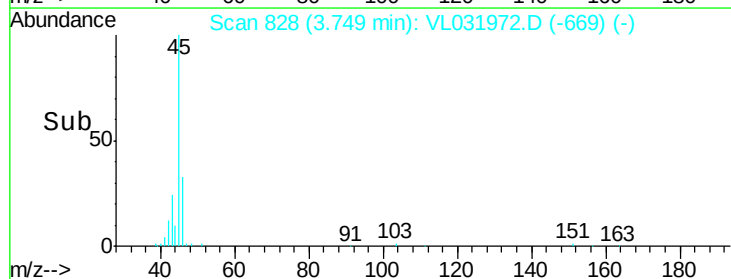
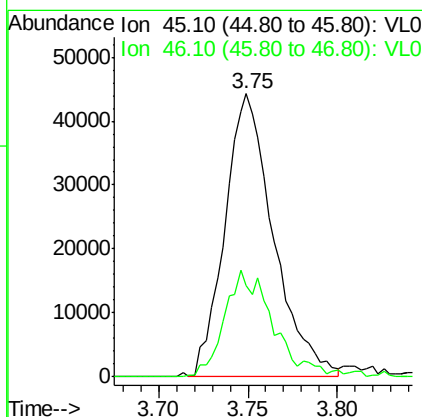
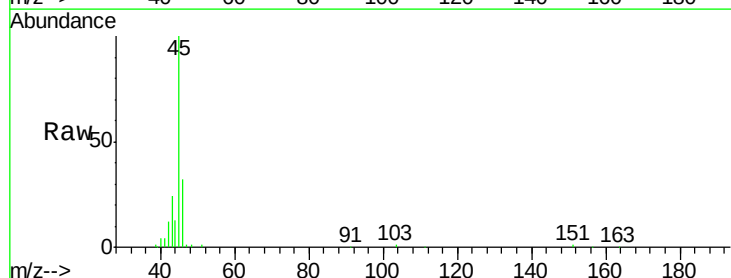
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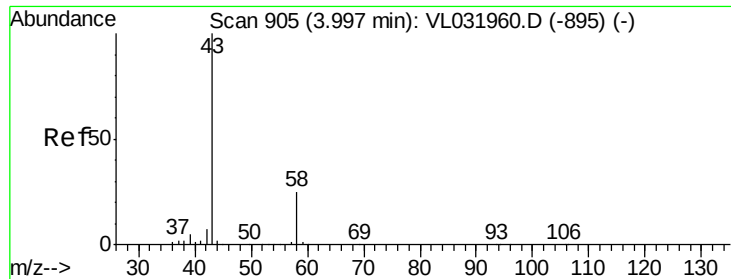
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#13
 Ethanol
 Concen: 5.25 ppbv
 RT: 3.75 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: VL031972.D
 Acq: 3 May 2018 21:19

Tgt Ion	Ratio	Lower	Upper
45	100		
46	38.3	0.0	0.0#





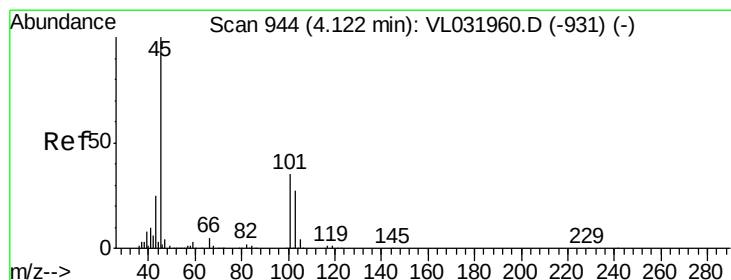
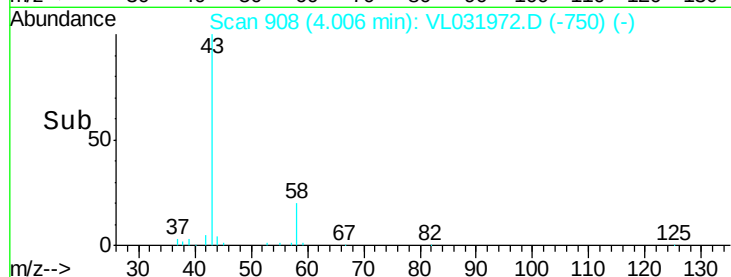
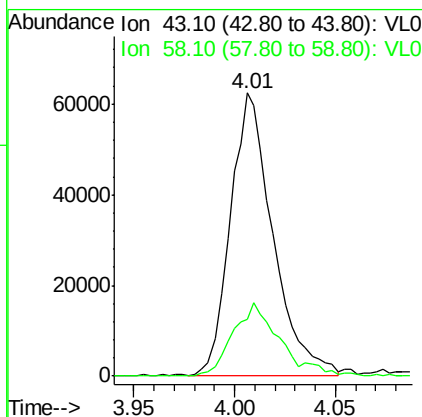
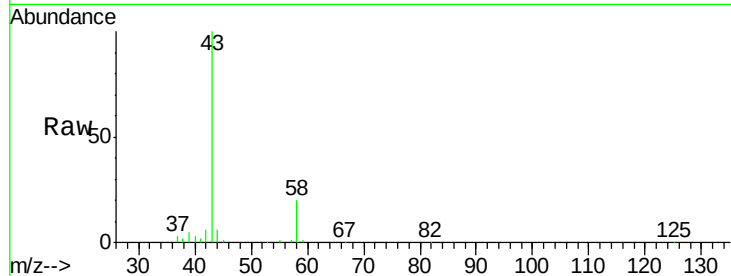
#15
Acetone
Concen: 0.53 ppbv
RT: 4.01 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL031972.D
Acq: 3 May 2018 21:19

Instrument :
MSVOA_L
ClientSampled :
IA2DL

Tot Ion: 43 Resp: 92228
Ion Ratio Lower Upper
43 100
58 28.7 21.1 31.7

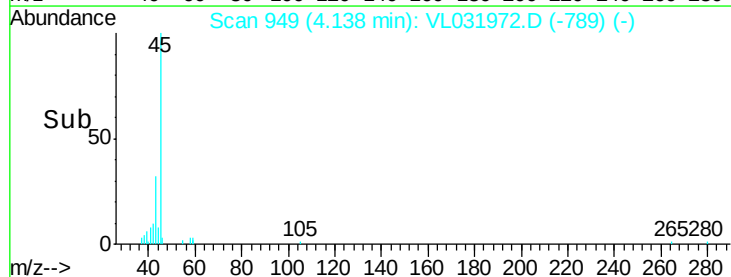
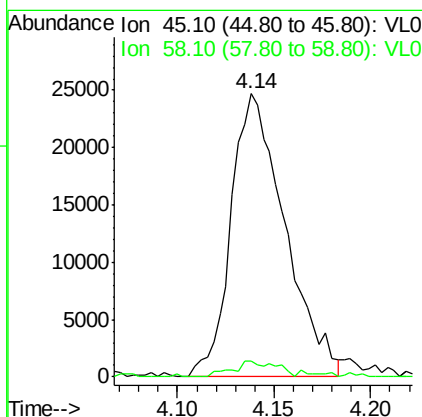
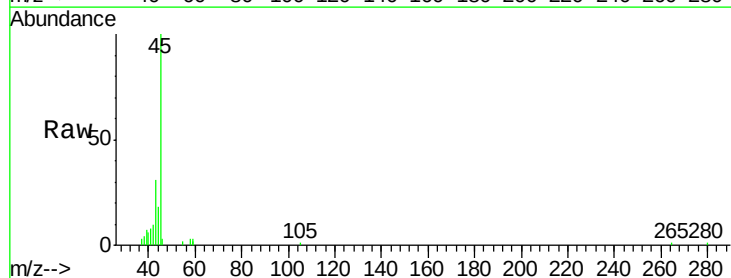
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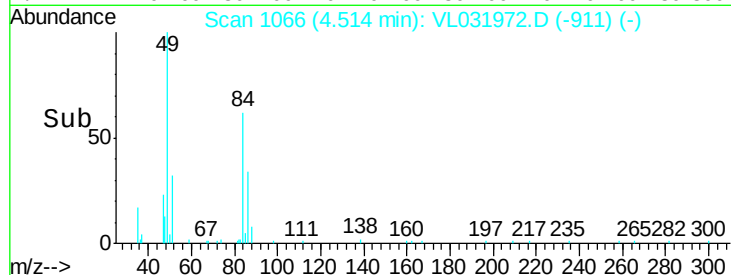
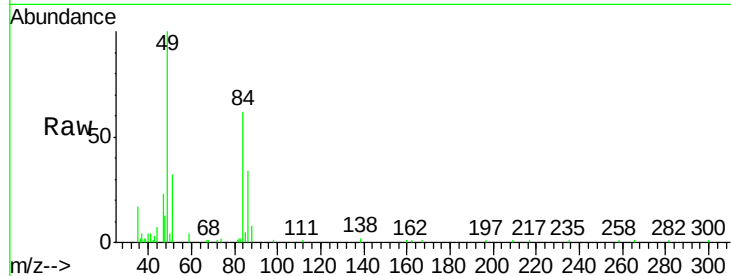
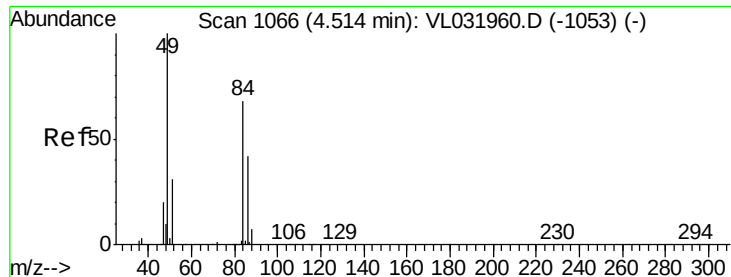
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#19
Isopropyl Alcohol
Concen: 0.51 ppbv
RT: 4.14 min Scan# 949
Delta R.T. 0.02 min
Lab File: VL031972.D
Acq: 3 May 2018 21:19

Tgt Ion: 45 Resp: 47793
Ion Ratio Lower Upper
45 100
58 5.6 1.4 2.2#





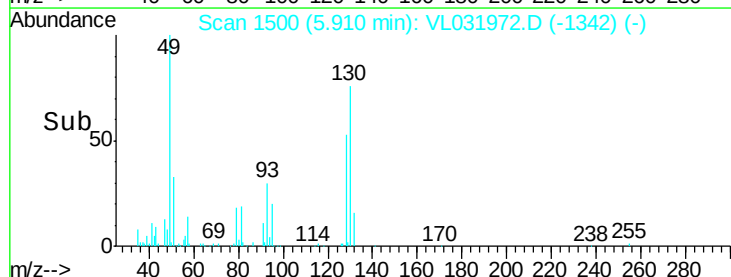
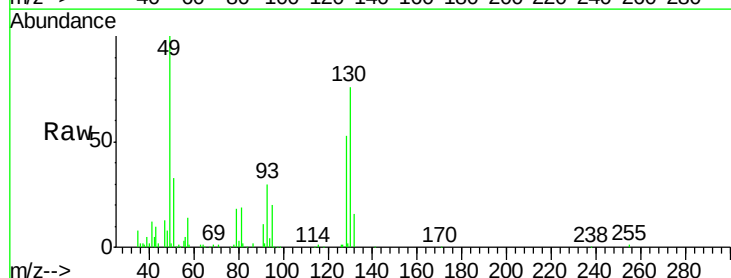
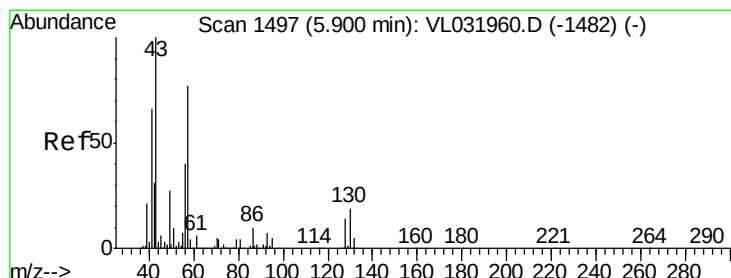
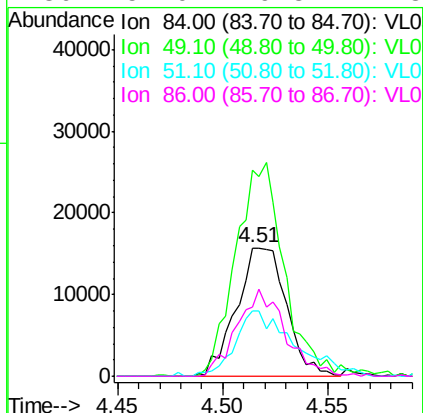
#20
Methvlene Chloride
Concen: 0.44 ppbv m
RT: 4.51 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VL031972.D
Acq: 3 May 2018 21:19

Tot Ion	84	Resp	25967
Ion	Ratio	Lower	Upper
84	100		
49	160.7	118.6	178.0
51	50.7	36.6	54.8
86	54.0	49.8	74.8

Instrument :
MSVOA_L
ClientSampled :
IA2DL

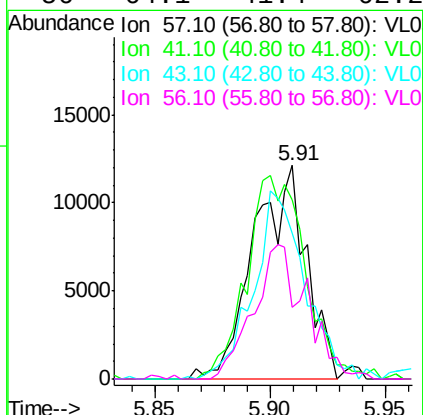
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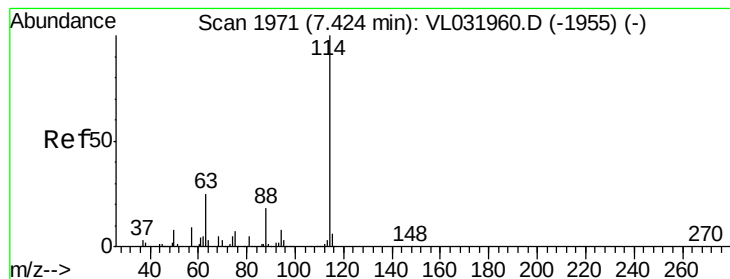
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#26
Hexane
Concen: 0.14 ppbv m
RT: 5.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: VL031972.D
Acq: 3 May 2018 21:19

Tgt Ion	57	Resp	19181
Ion	Ratio	Lower	Upper
57	100		
41	106.8	71.8	107.6
43	87.0	171.5	257.3#
56	64.1	41.4	62.2#





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.42 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VL031972.D

Acq: 3 May 2018 21:19

Instrument :

MSVOA_L

ClientSampled :

IA2DL

Tot Ion:114 Resp: 2527866

Ion Ratio Lower Upper

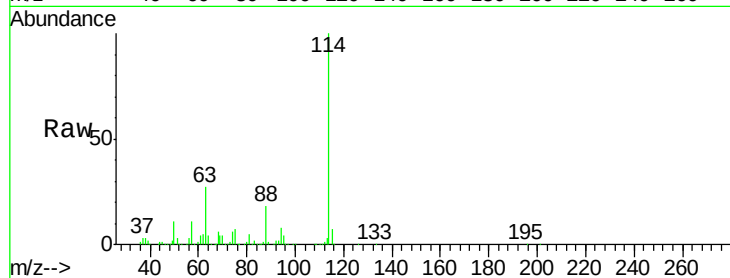
114 100

63 26.6 20.8 31.2

88 18.8 14.6 21.8

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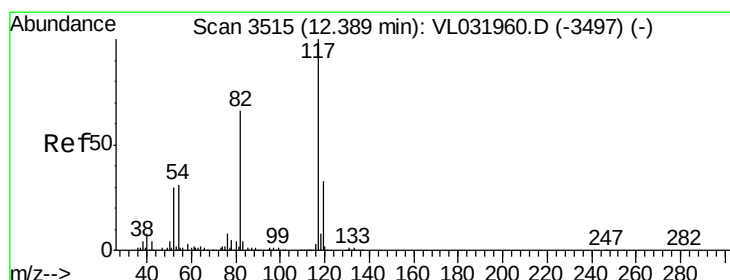
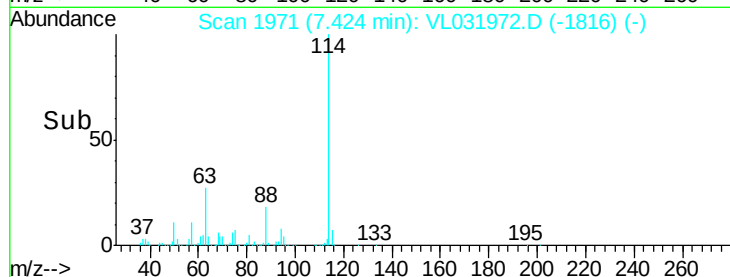
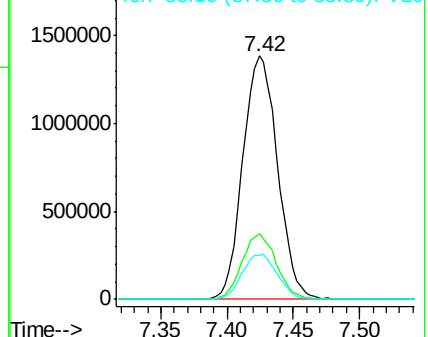
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Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.39 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VL031972.D

Acq: 3 May 2018 21:19

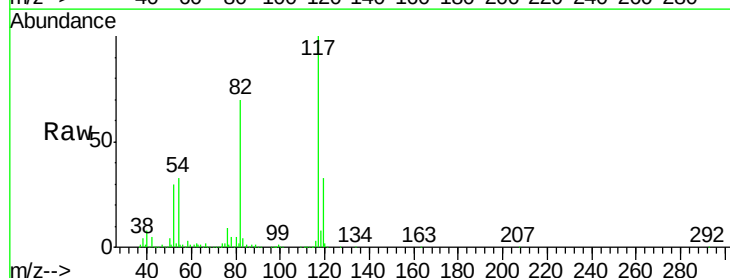
Tgt Ion:117 Resp: 2521891

Ion Ratio Lower Upper

117 100

82 68.5 51.6 77.4

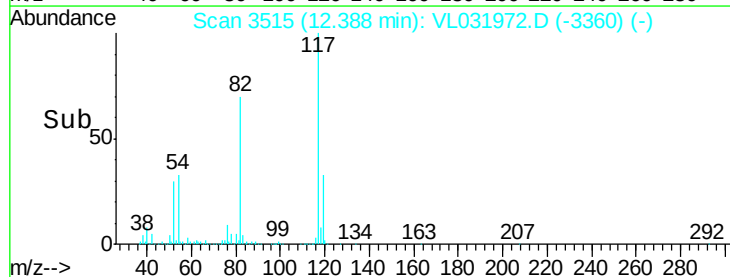
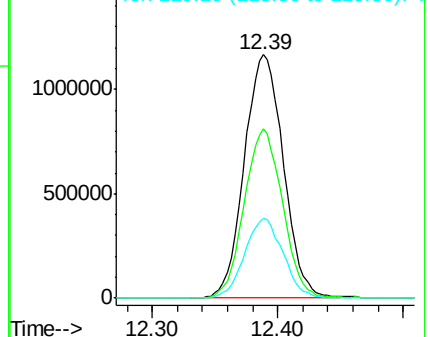
119 32.3 44.2 66.4#

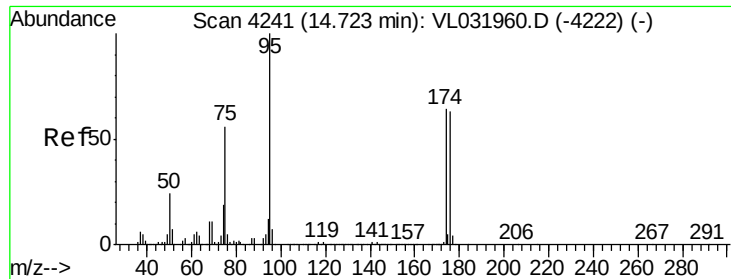


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.29 ppbv
 RT: 14.72 min Scan# 4241
 Delta R.T. -0.00 min
 Lab File: VL031972.D
 Acq: 3 May 2018 21:19

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.3	53.0	79.6
175	4.7	3.9	5.9

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