

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
 Data File : VL031984.D
 Acq On : 4 May 2018 5:24
 Operator : SY/AP
 Sample : J2629-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG3DL

Manual Integrations
 APPROVED

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Quant Time: May 04 06:00:22 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	1282183	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2644998	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2562977	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	2011564	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.13	41	6947m	0.16	ppbv	
13) Ethanol	3.75	45	35676m	2.16	ppbv	
15) Acetone	4.01	43	82449	0.45	ppbv #	79
20) Methylene Chloride	4.52	84	29155	0.48	ppbv #	83
26) Hexane	5.90	57	30682	0.21	ppbv #	40
34) 2-Butanone	5.45	43	115039	0.53	ppbv	100

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

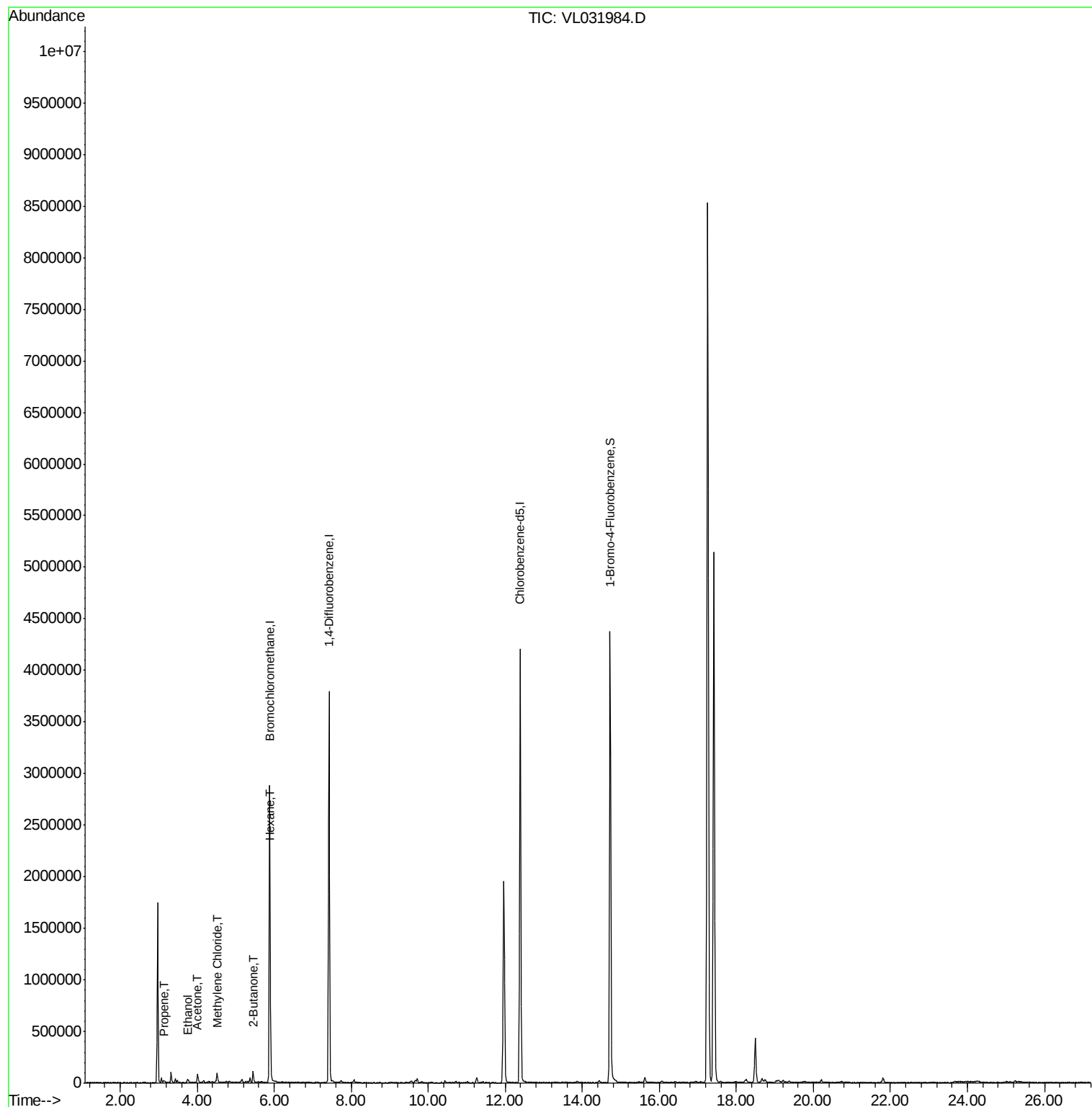
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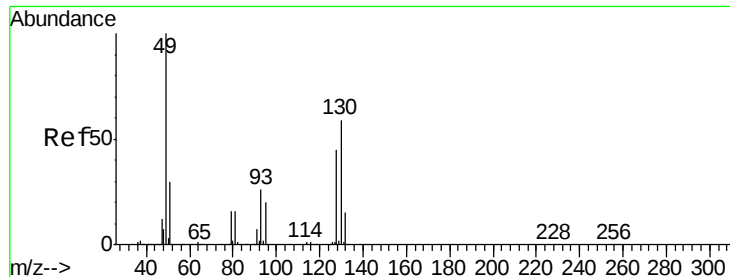
Instrument :
MSVOA_L
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Quant Time: May 04 06:00:22 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.88 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VL031984.D

Acq: 4 May 2018 5:24

Instrument :

MSVOA_L

ClientSampleId :

SG3DL

Tot Ion: 49 Resp: 1282183

Ion Ratio Lower Upper

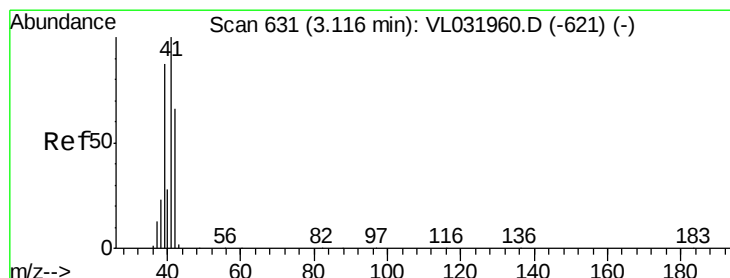
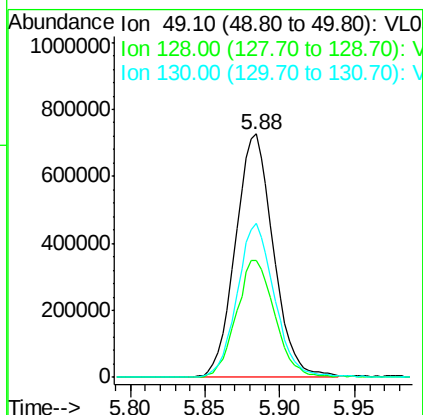
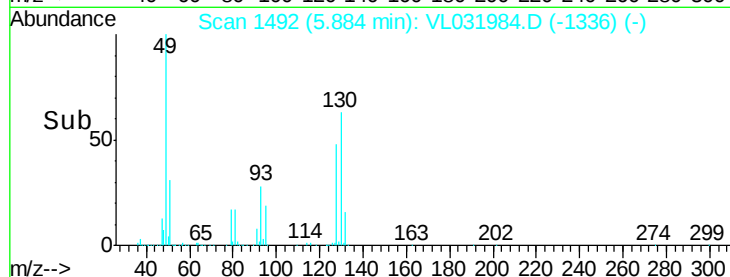
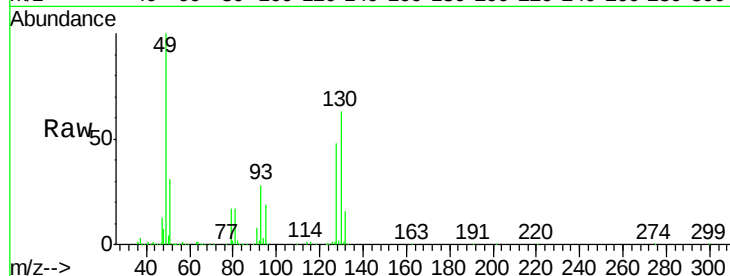
49 100

128 49.0 24.1 72.3

130 63.1 30.7 92.1

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#9

Propene

Concen: 0.16 ppbv m

RT: 3.13 min Scan# 634

Delta R.T. 0.01 min

Lab File: VL031984.D

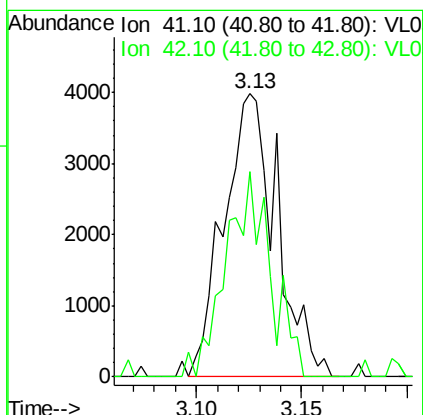
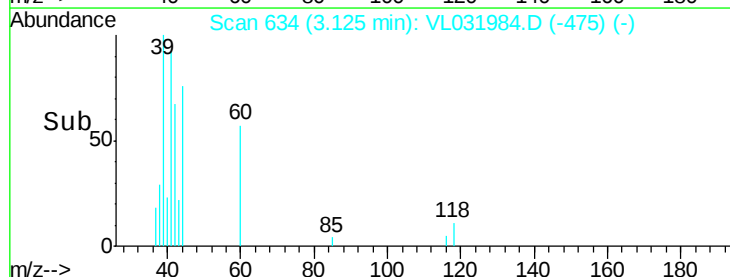
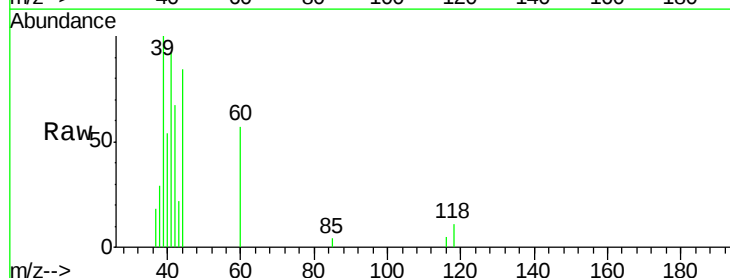
Acq: 4 May 2018 5:24

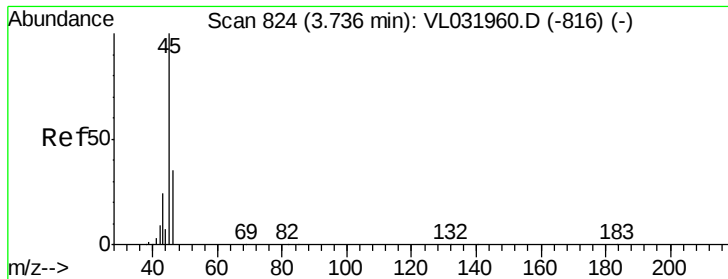
Tgt Ion: 41 Resp: 6947

Ion Ratio Lower Upper

41 100

42 60.6 53.9 80.9





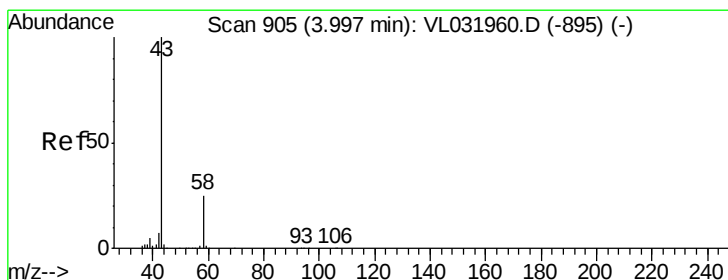
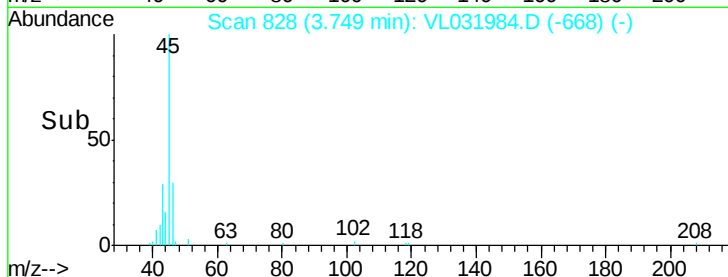
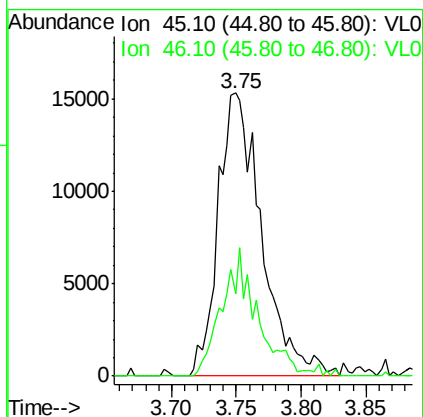
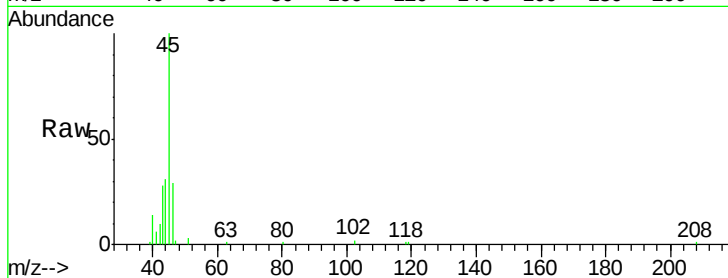
#13
Ethanol
Concen: 2.16 ppbv m
RT: 3.75 min Scan# 828
Delta R.T. 0.01 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Instrument :
MSVOA_L
ClientSampleId :
SG3DL

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

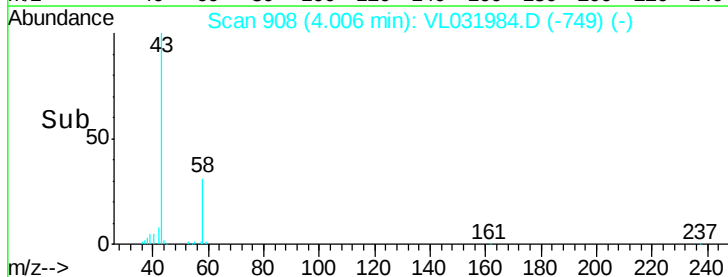
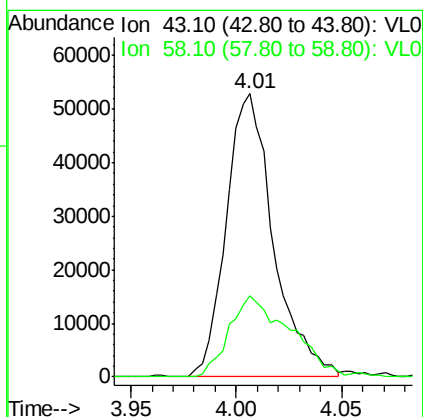
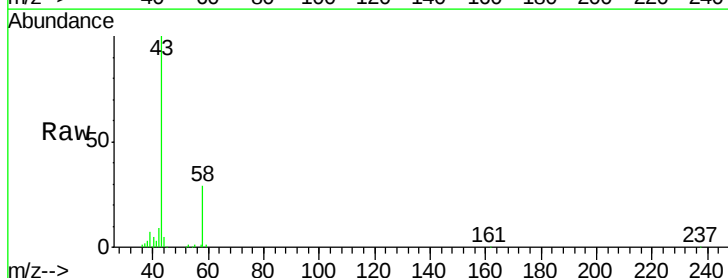
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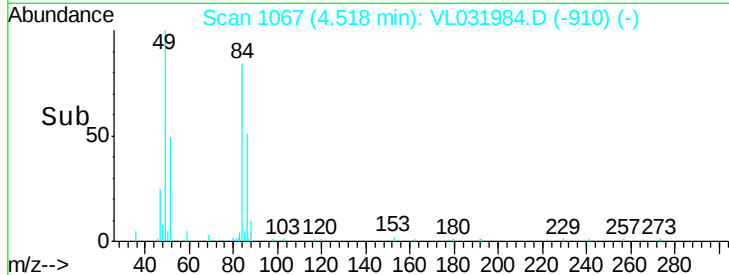
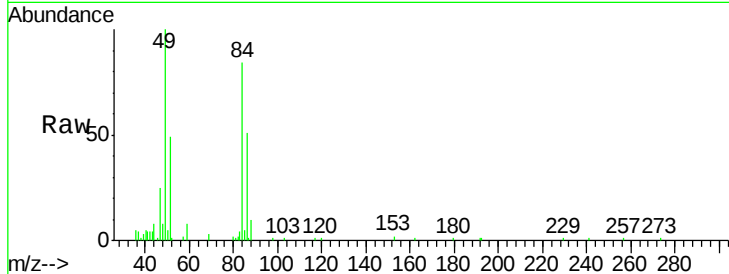
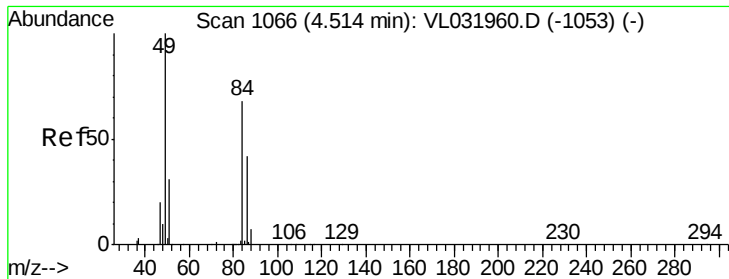
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#15
Acetone
Concen: 0.45 ppbv
RT: 4.01 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Tgt Ion	43	58	Ratio	Lower	Upper
43	100				
58	37.3			21.1	31.7#





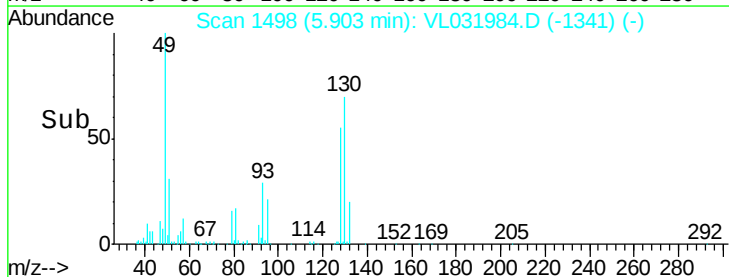
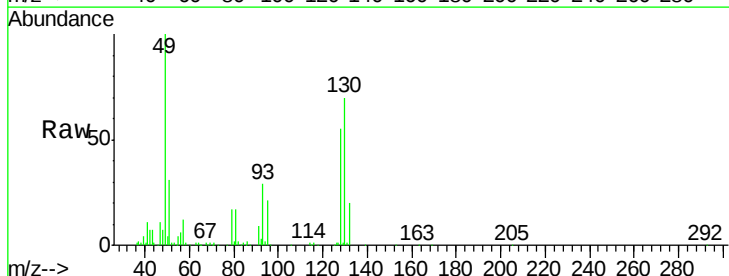
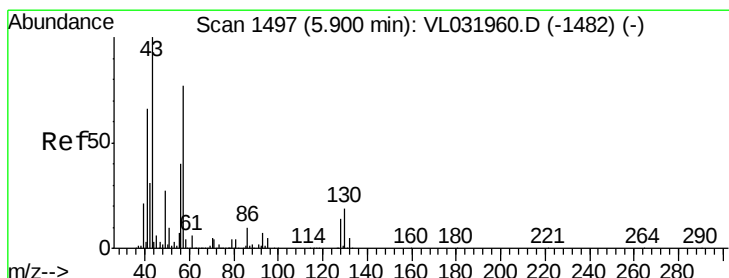
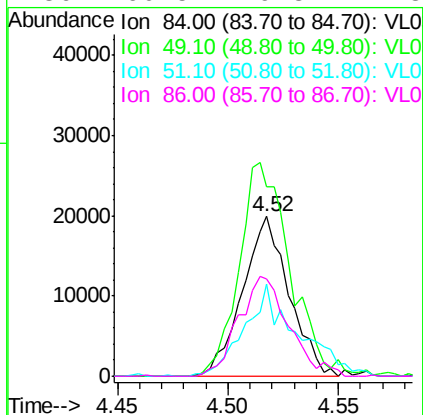
#20
Methvlene Chloride
Concen: 0.48 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Tot Ion	Ratio	Lower	Upper
84	100		
49	118.6	118.6	178.0#
51	57.7	36.6	54.8#
86	60.5	49.8	74.8

Instrument :
MSVOA_L
ClientSampleId :
SG3DL

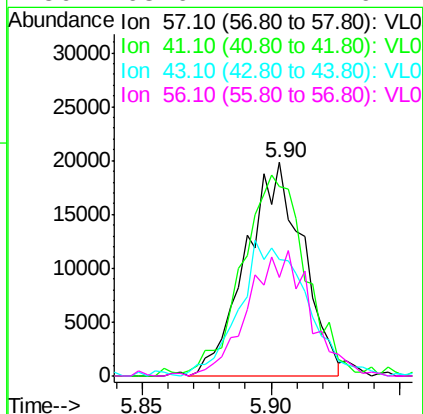
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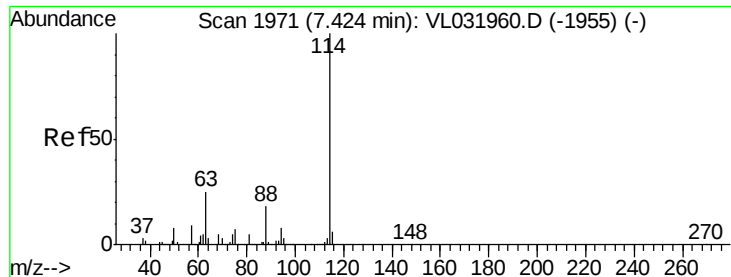
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#26
Hexane
Concen: 0.21 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Tgt Ion	Ratio	Lower	Upper
57	100		
41	106.6	71.8	107.6
43	74.4	171.5	257.3#
56	63.6	41.4	62.2#





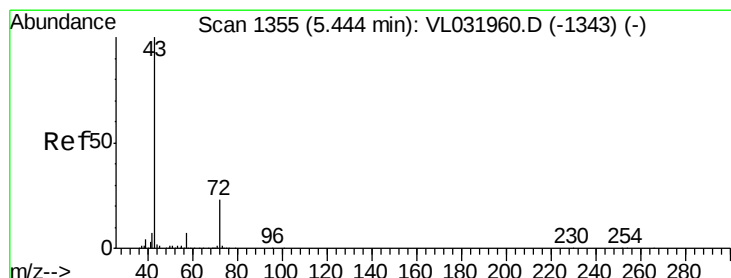
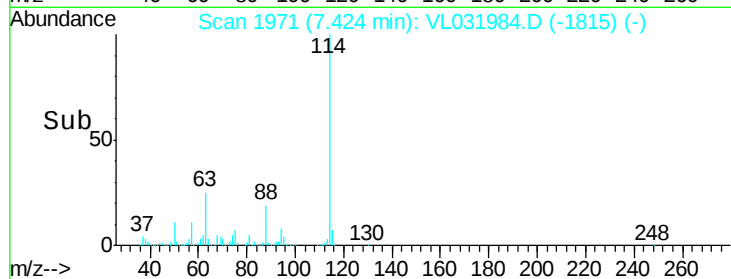
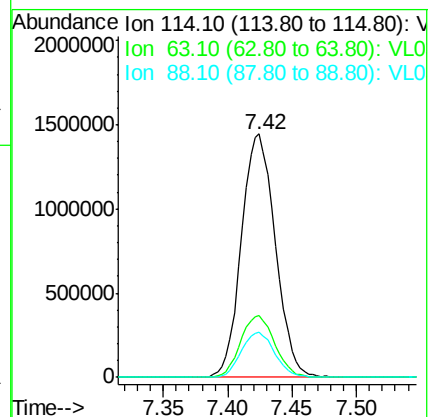
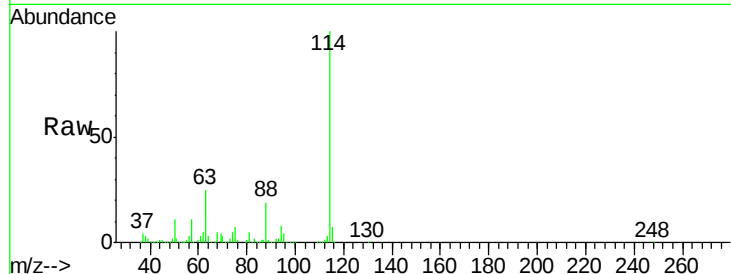
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.42 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VL031984.D
 Acq: 4 May 2018 5:24

Instrument :
 MSVOA_L
 ClientSampleId :
 SG3DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.8	31.2
88	18.4	14.6	21.8

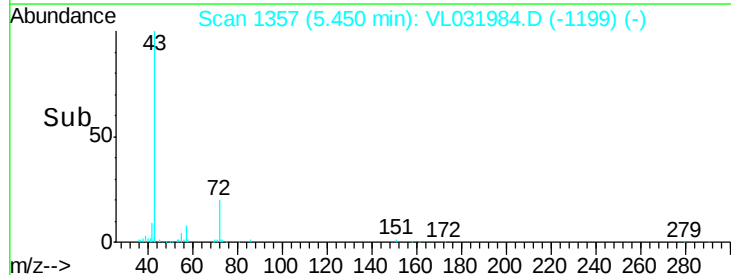
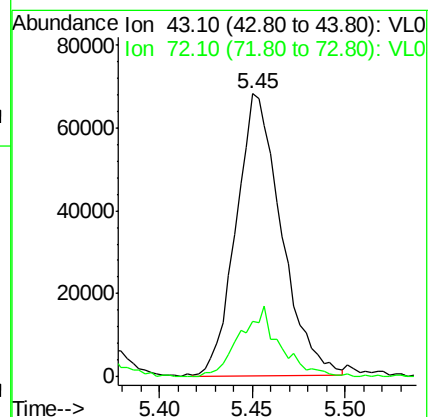
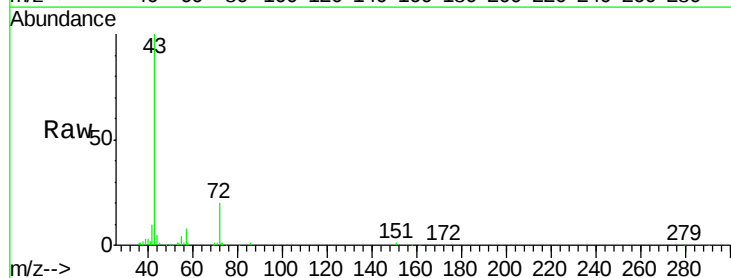
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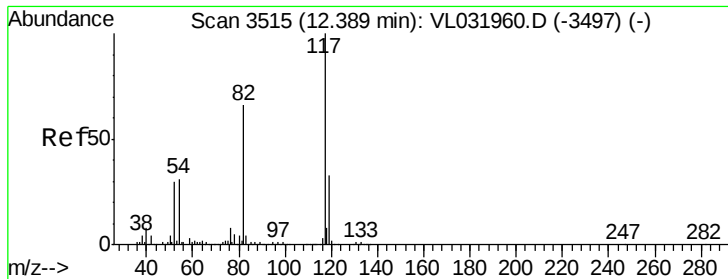
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#34
 2-Butanone
 Concen: 0.53 ppbv
 RT: 5.45 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: VL031984.D
 Acq: 4 May 2018 5:24

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.3	27.5





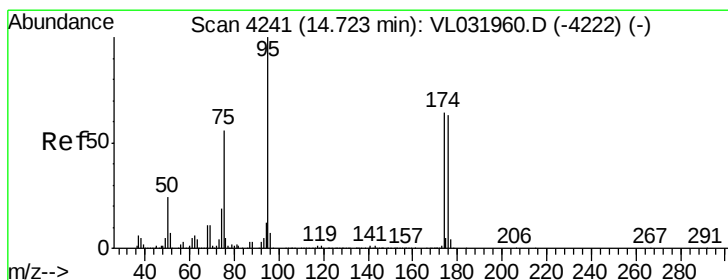
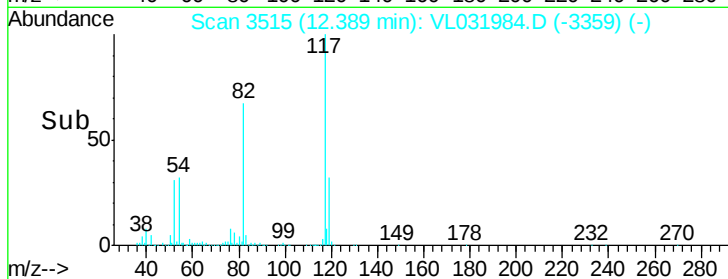
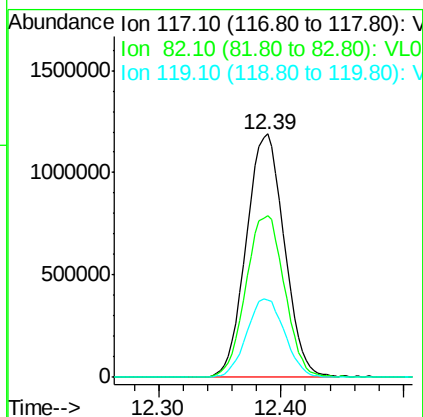
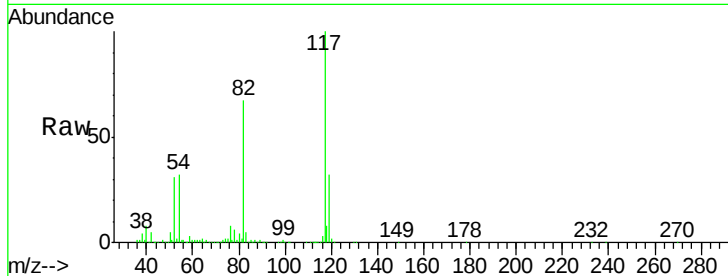
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Instrument :
MSVOA_L
ClientSampled :
SG3DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.0	51.6	77.4
119	32.5	44.2	66.4

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.12 ppbv
RT: 14.72 min Scan# 4241
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.1	53.0	79.6
175	4.7	3.9	5.9

