

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
 Data File : VL031981.D
 Acq On : 4 May 2018 3:24
 Operator : SY/AP
 Sample : J2629-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG1DL

Manual Integrations
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Quant Time: May 04 04:28:12 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	1275844	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2590857	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2494454	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	2011033	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.12	41	12766	0.29	ppbv	96
13) Ethanol	3.76	45	21487m	1.31	ppbv	
15) Acetone	4.00	43	74313	0.41	ppbv #	85
17) tert-Butyl alcohol	4.49	59	3883	0.05	ppbv #	53
20) Methylene Chloride	4.51	84	19763m	0.32	ppbv	
26) Hexane	5.90	57	16880m	0.12	ppbv	
34) 2-Butanone	5.45	43	58879	0.28	ppbv	98

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

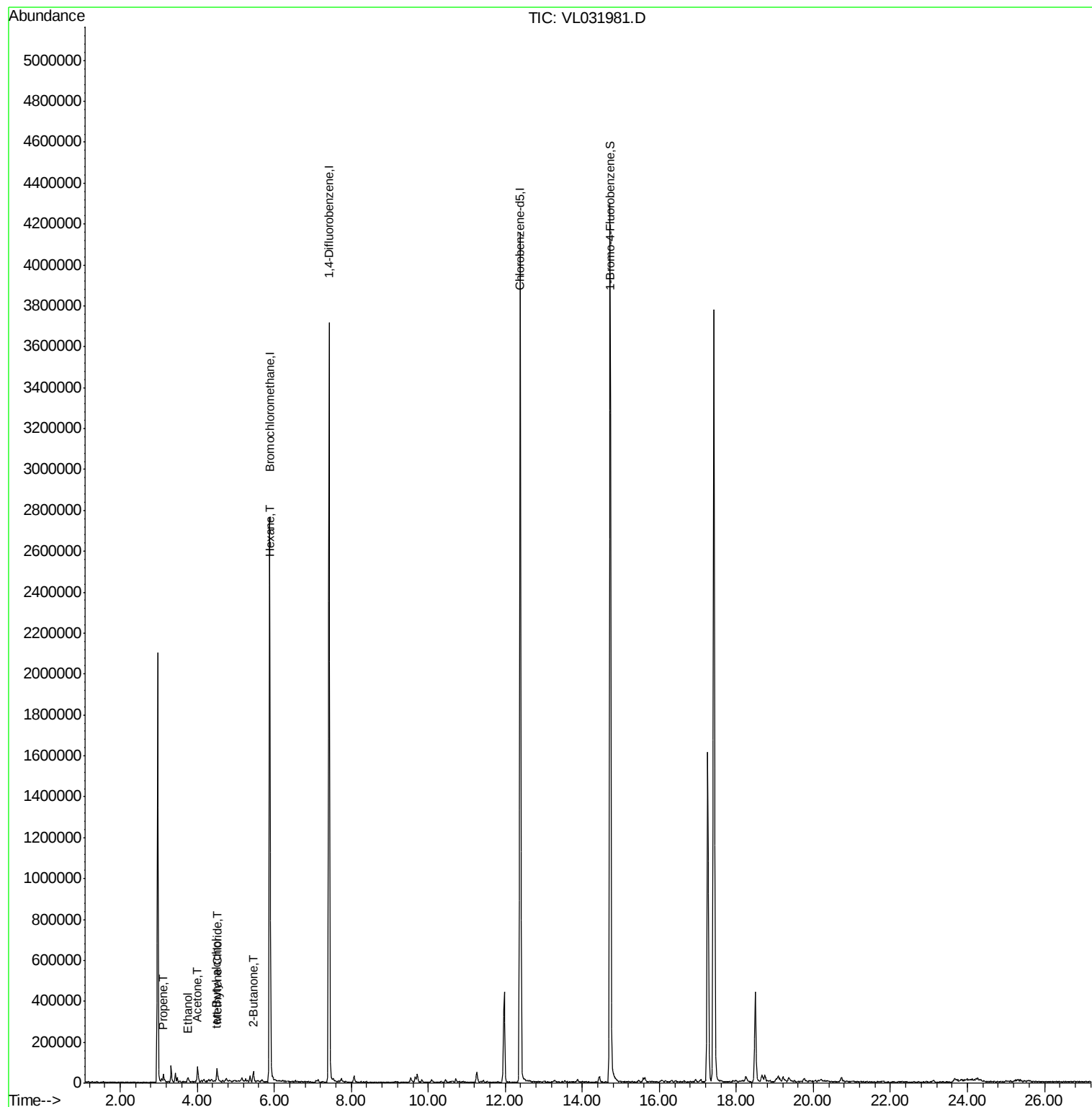
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
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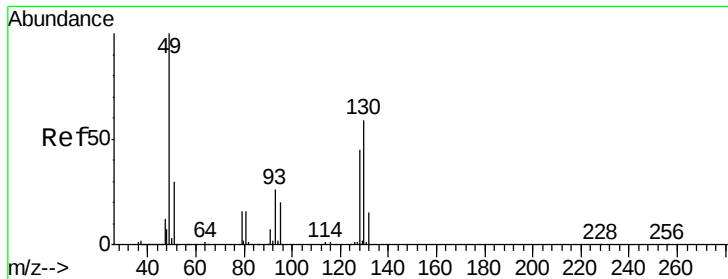
Instrument :
MSVOA_L
ClientSampleId :
SG1DL

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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: VL031981.D

Acq: 4 May 2018 3:24

Instrument :

MSVOA_L

ClientSampled :

SG1DL

Tot Ion: 49 Resp: 1275844

Ion Ratio Lower Upper

49 100

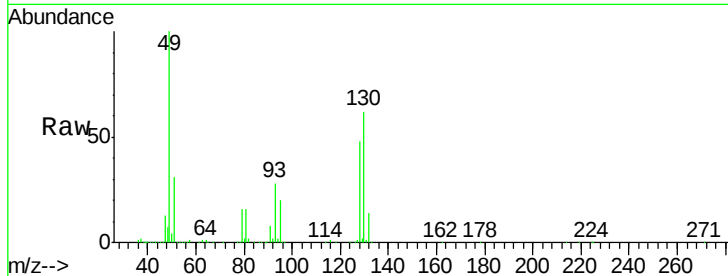
128 49.5 24.1 72.3

130 63.0 30.7 92.1

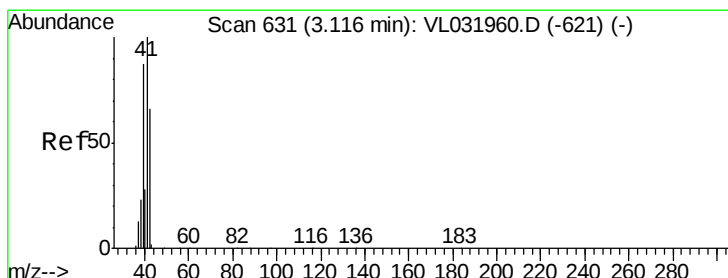
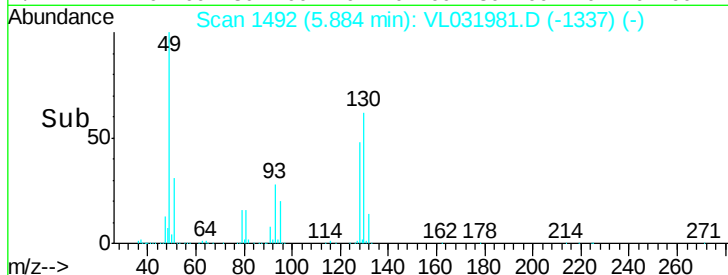
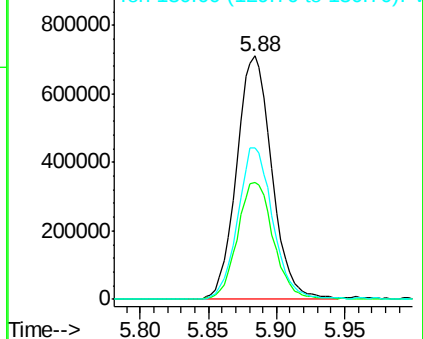
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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): VL0
Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.29 ppbv

RT: 3.12 min Scan# 633

Delta R.T. 0.01 min

Lab File: VL031981.D

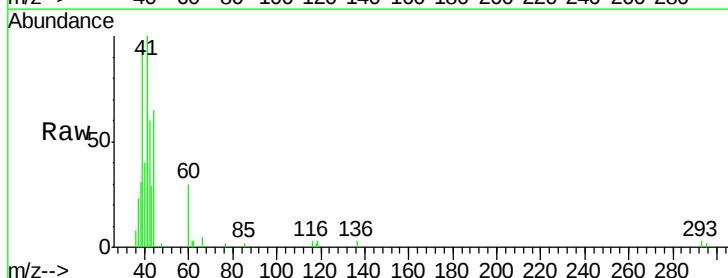
Acq: 4 May 2018 3:24

Tgt Ion: 41 Resp: 12766

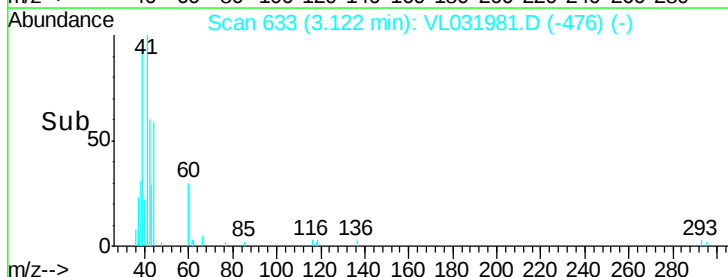
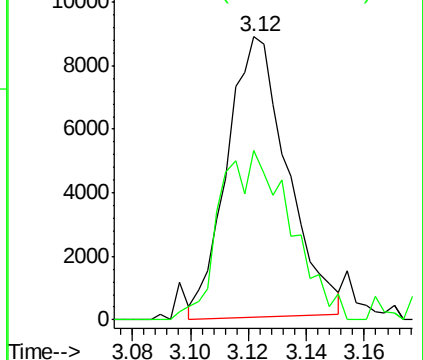
Ion Ratio Lower Upper

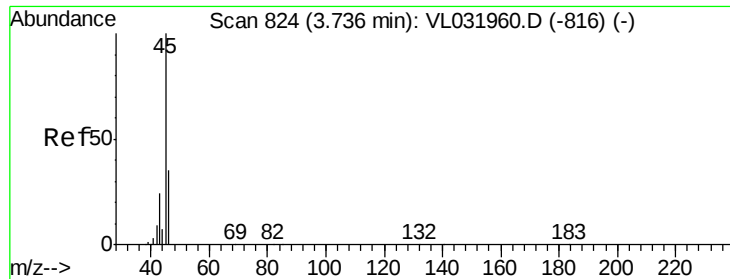
41 100

42 70.9 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





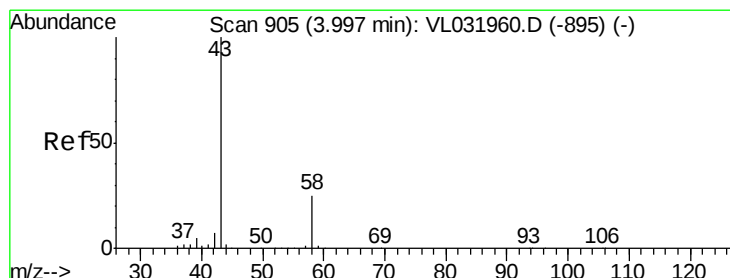
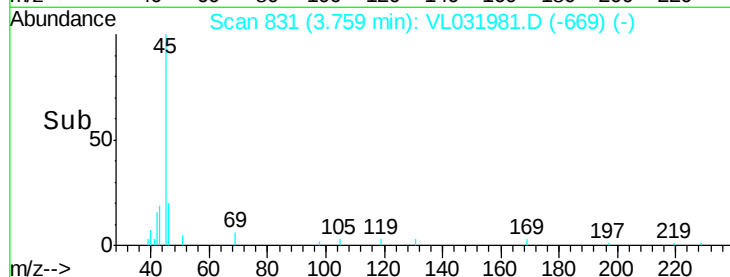
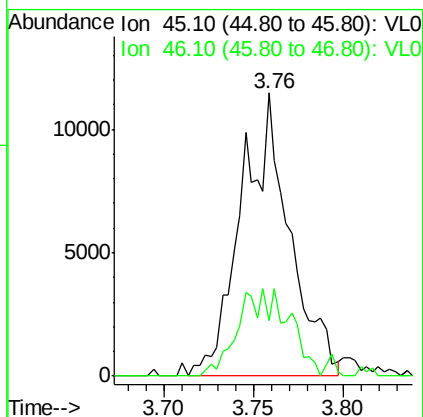
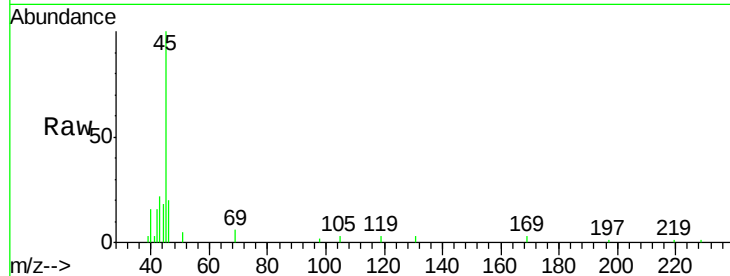
#13
Ethanol
Concen: 1.31 ppbv m
RT: 3.76 min Scan# 831
Delta R.T. 0.02 min
Lab File: VL031981.D
Acq: 4 May 2018 3:24

Instrument :
MSVOA_L
ClientSampleID :
SG1DL

Tot Ion	45	46	Ratio	Lower	Upper
21487	100	0.0		0.0	0.0

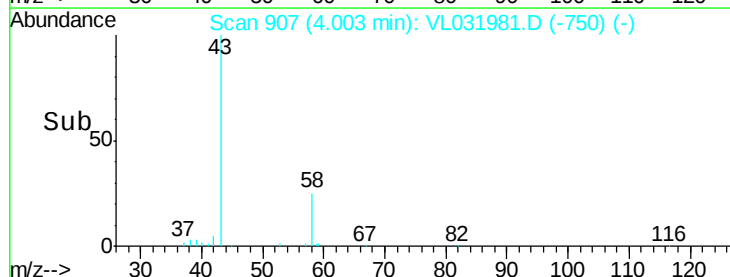
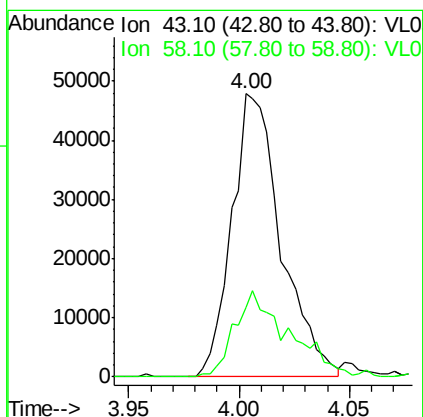
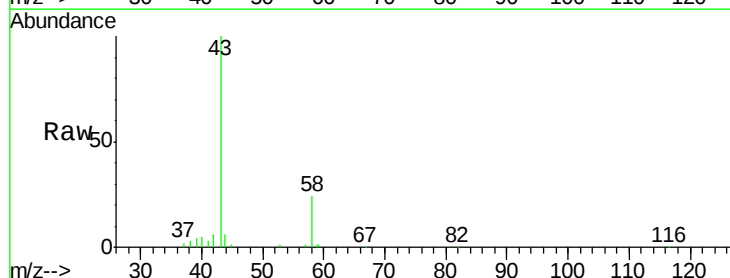
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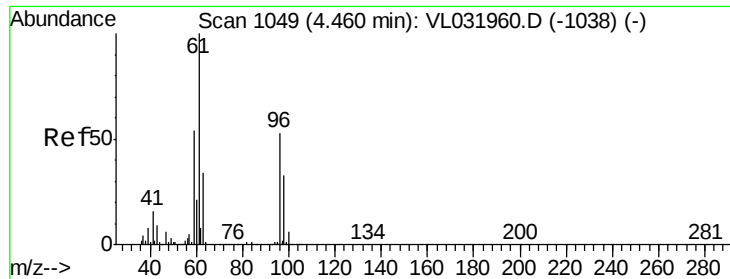
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#15
Acetone
Concen: 0.41 ppbv
RT: 4.00 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL031981.D
Acq: 4 May 2018 3:24

Tgt Ion	43	58	Ratio	Lower	Upper
74313	100	34.1		21.1	31.7#





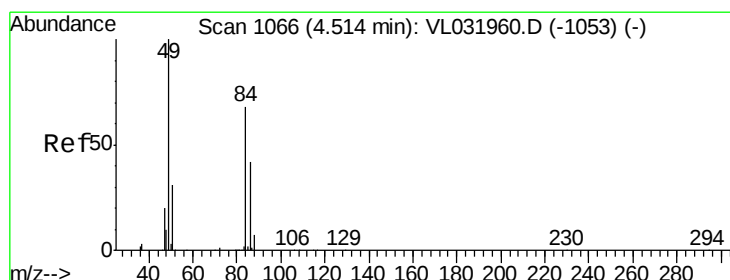
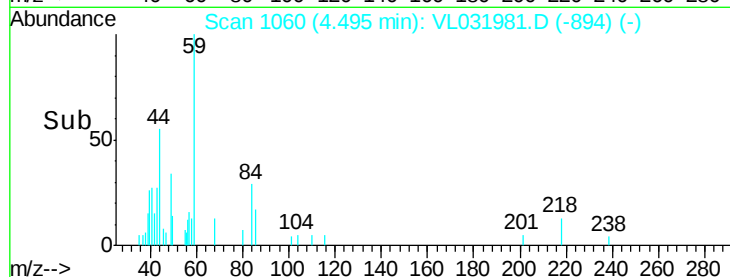
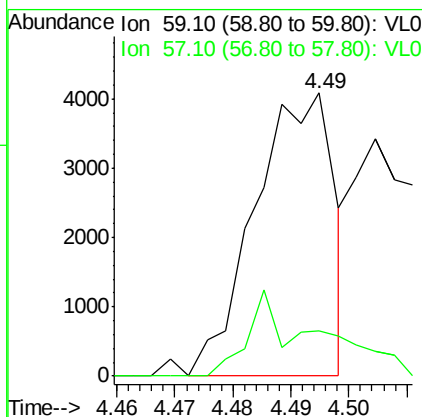
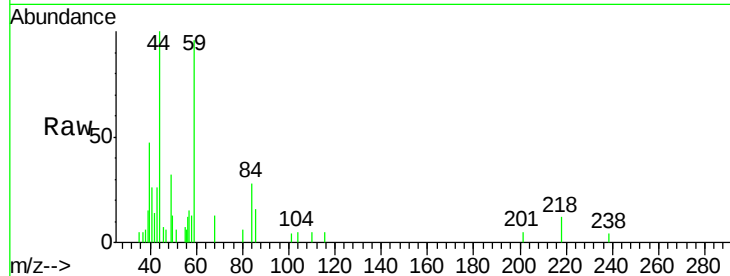
#17
tert-Butyl alcohol
Concen: 0.05 ppbv
RT: 4.49 min Scan# 1060
Delta R.T. 0.04 min
Lab File: VL031981.D
Acq: 4 May 2018 3:24

Instrument :
MSVOA_L
ClientSampleId :
SG1DL

Tot Ion: 59 Resp: 3883
Ion Ratio Lower Upper
59 100
57 28.1 8.3 12.5#

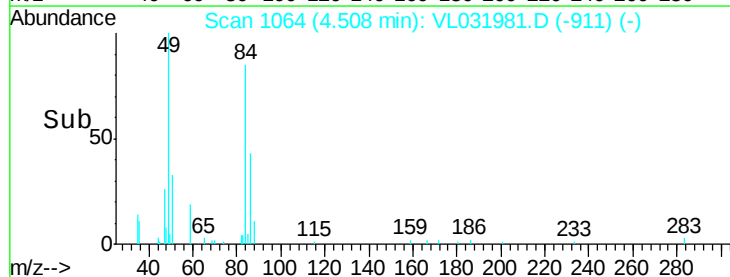
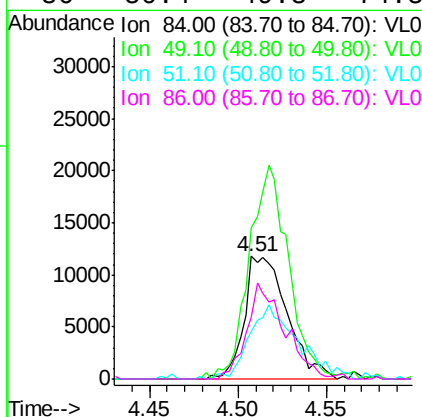
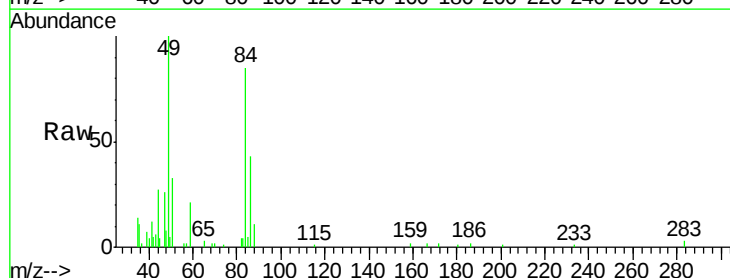
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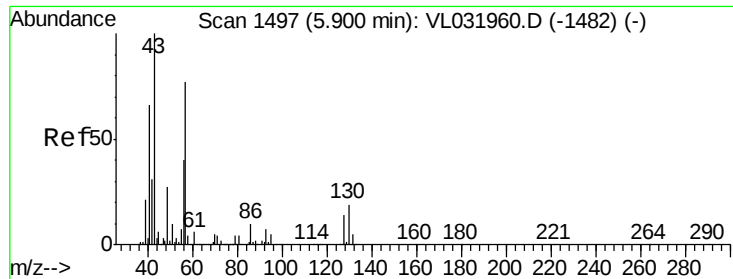
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#20
Methylene Chloride
Concen: 0.32 ppbv m
RT: 4.51 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VL031981.D
Acq: 4 May 2018 3:24

Tgt Ion: 84 Resp: 19763
Ion Ratio Lower Upper
84 100
49 117.6 118.6 178.0#
51 39.0 36.6 54.8
86 50.4 49.8 74.8





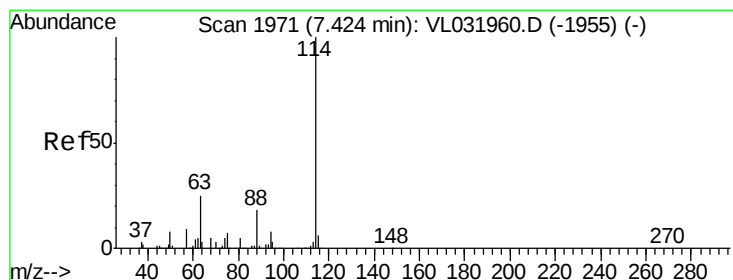
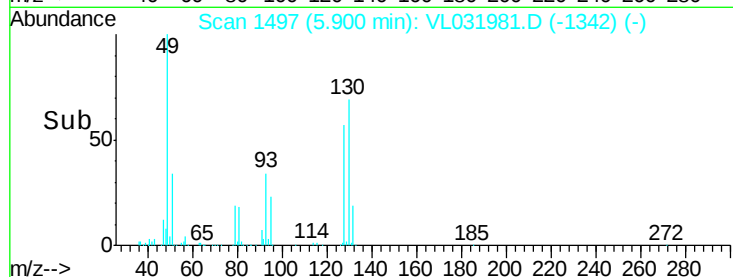
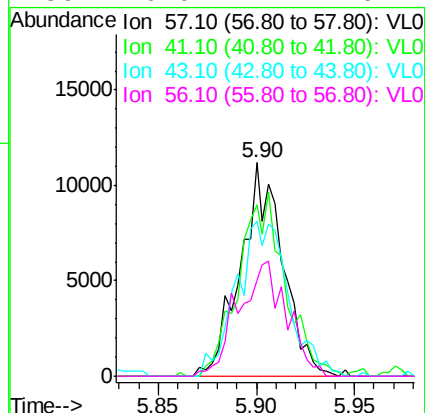
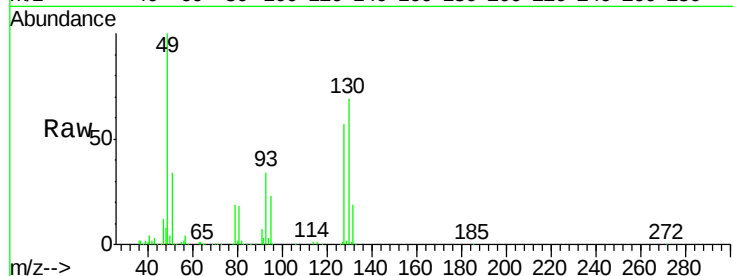
#26
Hexane
Concen: 0.12 ppbv m
RT: 5.90 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VL031981.D
Acq: 4 May 2018 3:24

Instrument :
MSVOA_L
ClientSampleId :
SG1DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	0.0	71.8	107.6#
43	89.6	171.5	257.3#
56	0.0	41.4	62.2#

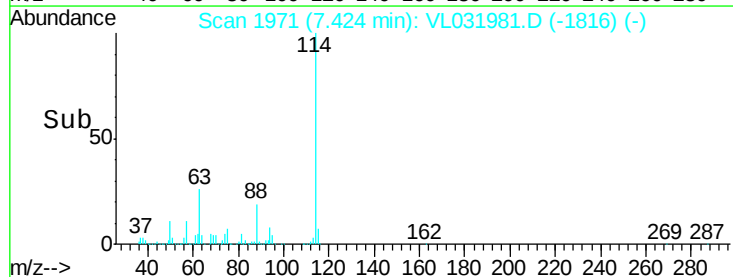
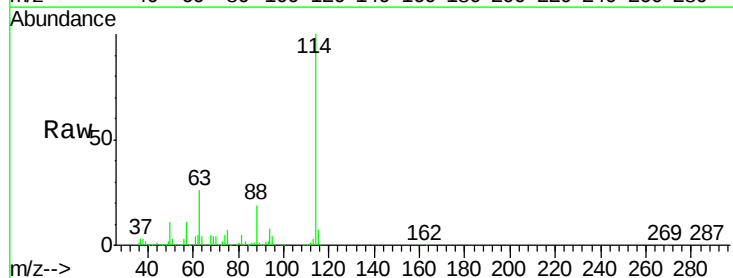
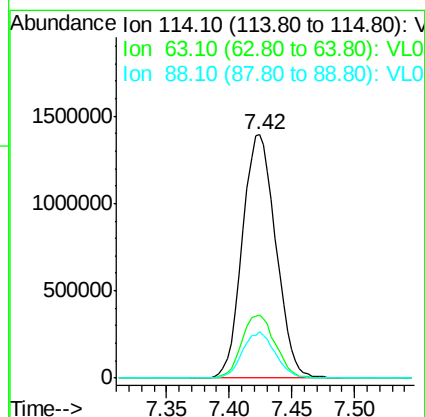
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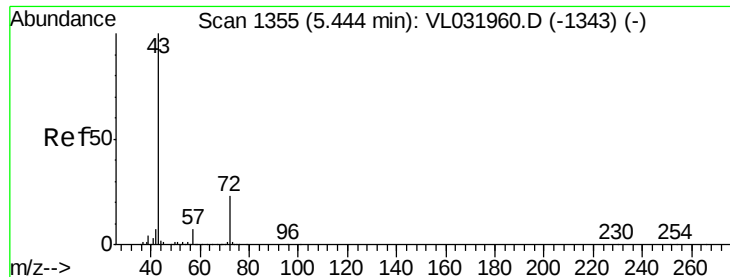
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VL031981.D
Acq: 4 May 2018 3:24

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





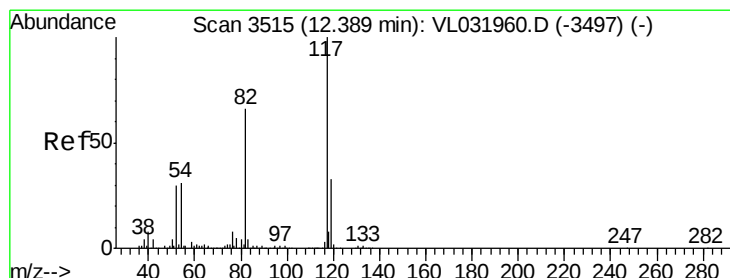
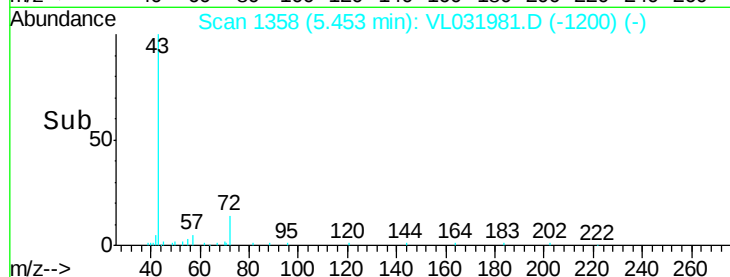
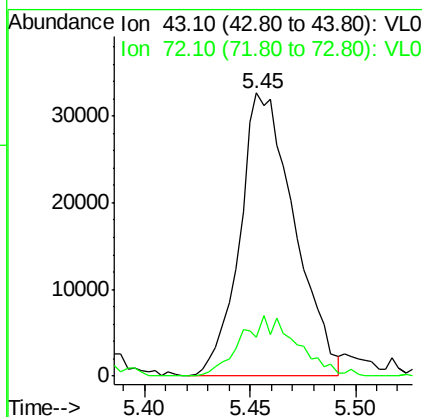
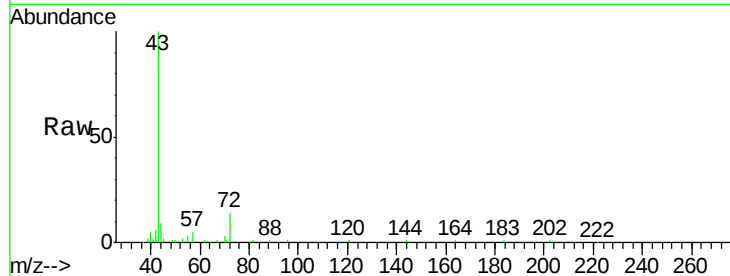
#34
2-Butanone
Concen: 0.28 ppbv
RT: 5.45 min Scan# 1358
Delta R.T. 0.01 min
Lab File: VL031981.D
Acq: 4 May 2018 3:24

Instrument :
MSVOA_L
ClientSampleId :
SG1DL

Tot Ion	43	72	Ratio	Lower	Upper
58879	100	21.8		18.3	27.5

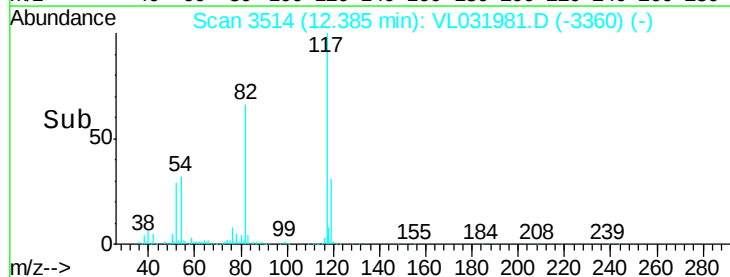
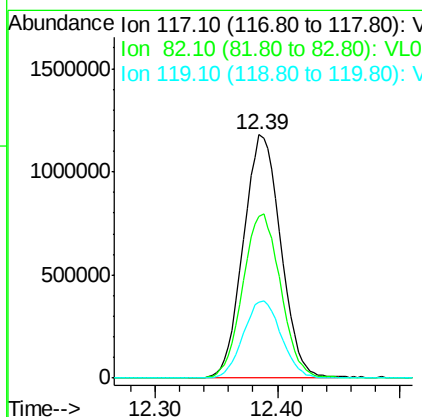
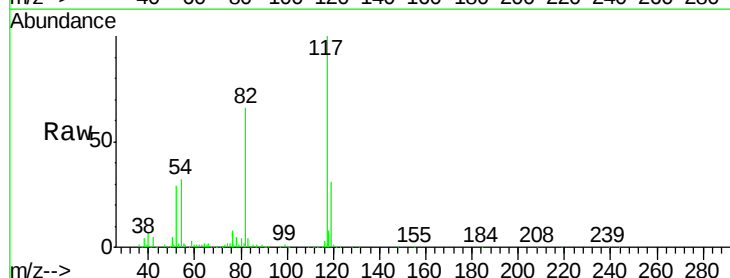
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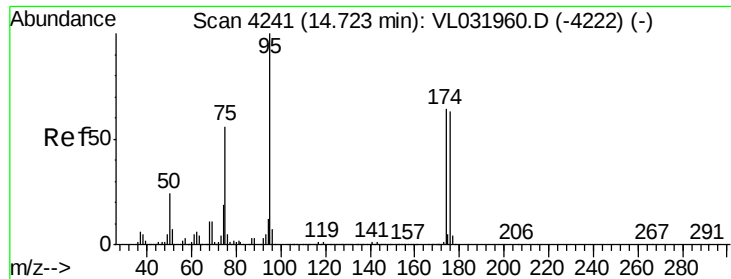
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VL031981.D
Acq: 4 May 2018 3:24

Tgt Ion	117	82	119	Ratio	Lower	Upper
2494454	100	68.5	32.5		51.6	77.4
					44.2	66.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.40 ppbv
 RT: 14.72 min Scan# 4241
 Delta R.T. -0.00 min
 Lab File: VL031981.D
 Acq: 4 May 2018 3:24

Instrument :
 MSVOA_L
 ClientSampleId :
 SG1DL

Tot Ion: 95 Resp: 2011033
 Ion Ratio Lower Upper
 95 100
 174 65.3 53.0 79.6
 175 4.8 3.9 5.9

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