

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL051618\
 Data File : VL032009.D
 Acq On : 16 May 2018 20:19
 Operator : SY/AP
 Sample : J2942-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VZW1DL

Manual Integrations
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Quant Time: May 17 09:17:21 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	5.87	49	1132541	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.41	114	2278525	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.37	117	2258002	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.71	95	1762090	10.06	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.74	45	171832	11.78	ppbv #	100
15) Acetone	4.00	43	189798	1.19	ppbv	95
19) Isopropyl Alcohol	4.13	45	72413	0.84	ppbv #	90
20) Methylene Chloride	4.51	84	44039	0.82	ppbv	99
26) Hexane	5.89	57	16720m	0.13	ppbv	

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

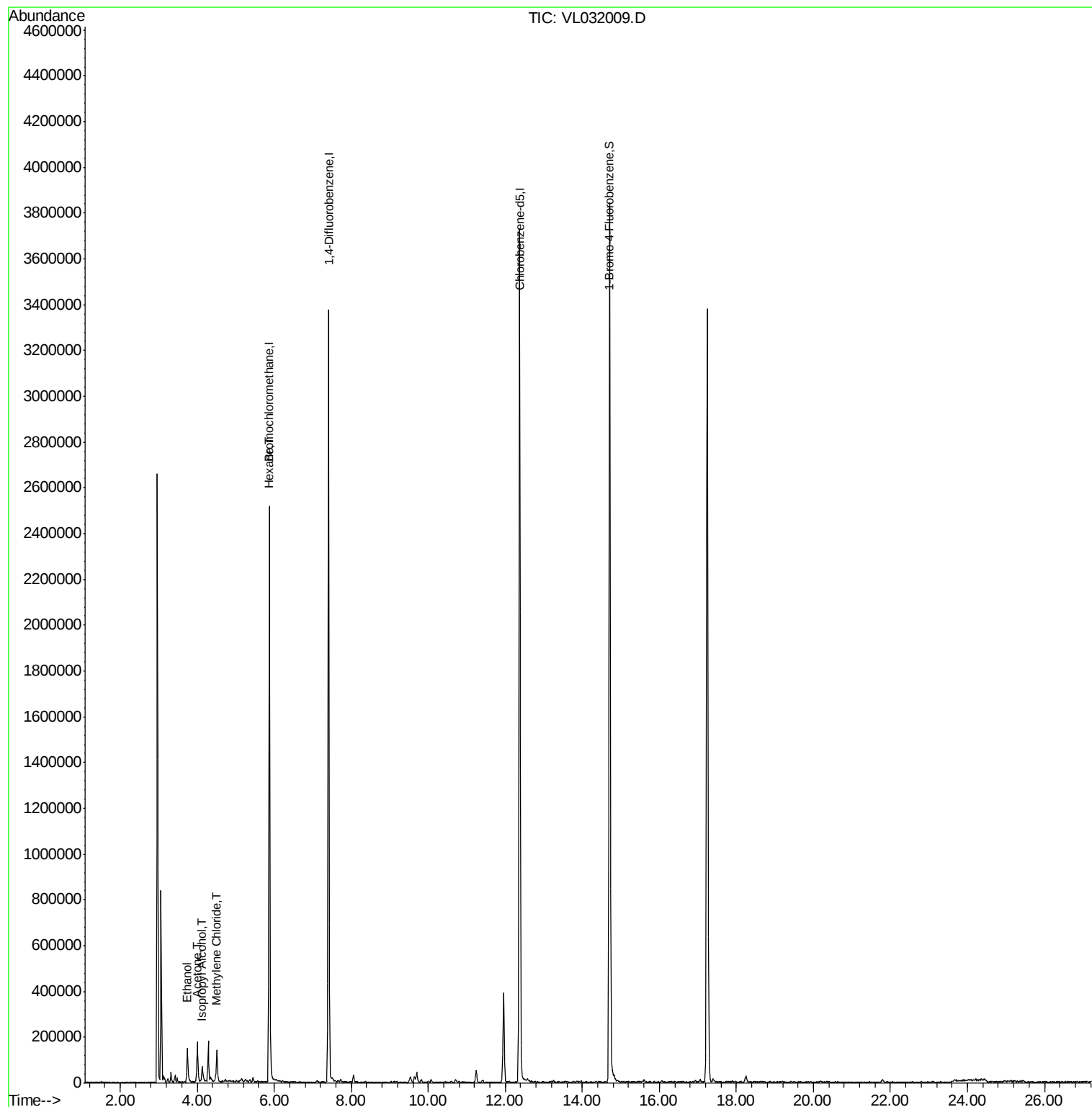
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL051618\
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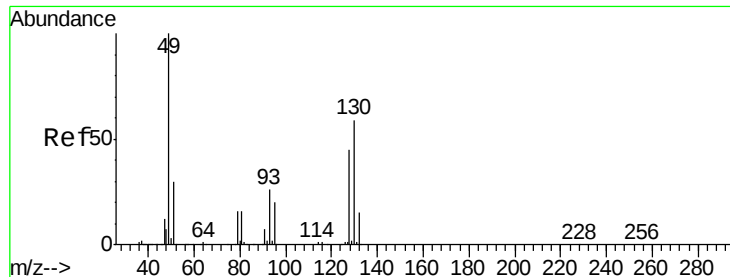
Instrument :
MSVOA_L
ClientSampleId :
VZW1DL

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Quant Time: May 17 09:17:21 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: 5.87 min Scan# 1489

Delta R.T. -0.01 min

Lab File: VL032009.D

Acq: 16 May 2018 20:19

Instrument :

MSVOA_L

ClientSampleId :

VZW1DL

Tot Ion: 49 Resp: 1132541

Ion Ratio Lower Upper

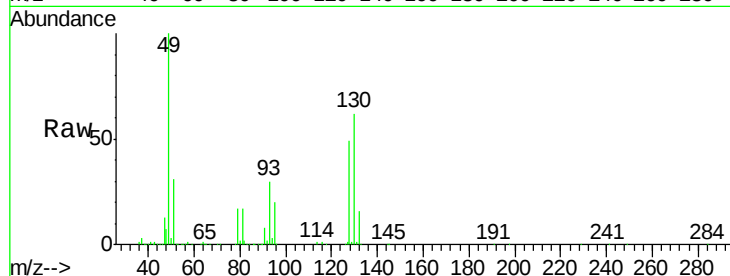
49 100

128 49.7 24.1 72.3

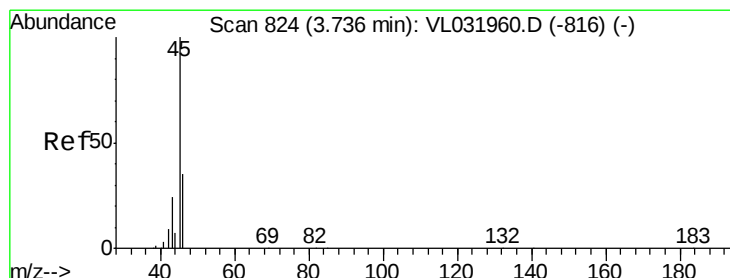
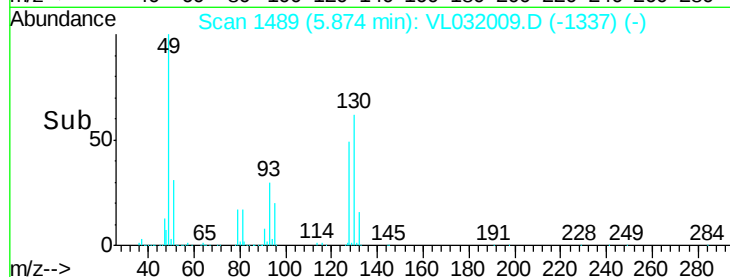
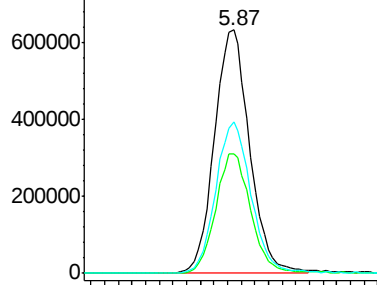
130 62.7 30.7 92.1

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



#13

Ethanol

Concen: 11.78 ppbv

RT: 3.74 min Scan# 826

Delta R.T. 0.01 min

Lab File: VL032009.D

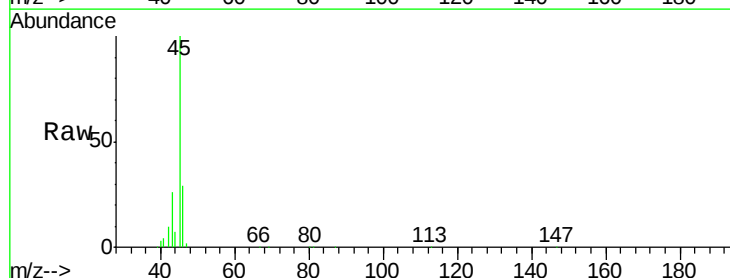
Acq: 16 May 2018 20:19

Tgt Ion: 45 Resp: 171832

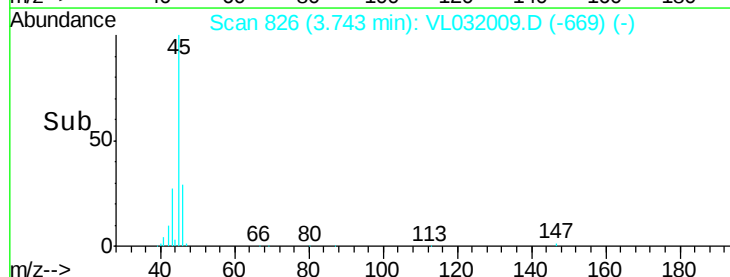
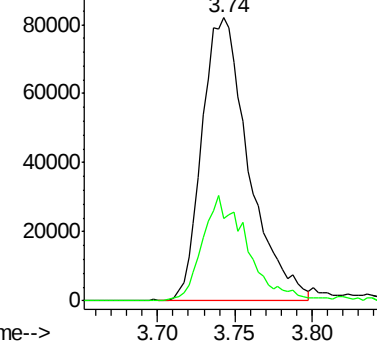
Ion Ratio Lower Upper

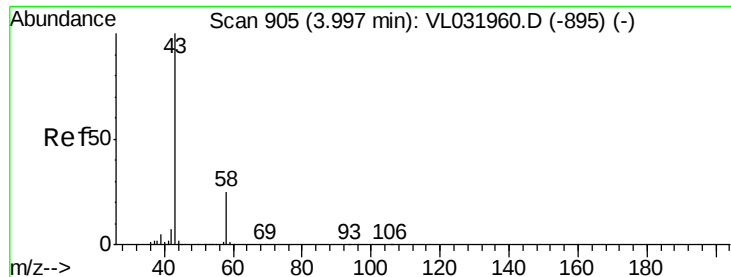
45 100

46 36.9 0.0 0.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 1.19 ppbv

RT: 4.00 min Scan# 906

Delta R.T. 0.00 min

Lab File: VL032009.D

Acq: 16 May 2018 20:19

Instrument :

MSVOA_L

ClientSampleId :

VZW1DL

Tot Ion: 43 Resp: 189798

Ion Ratio Lower Upper

43 100

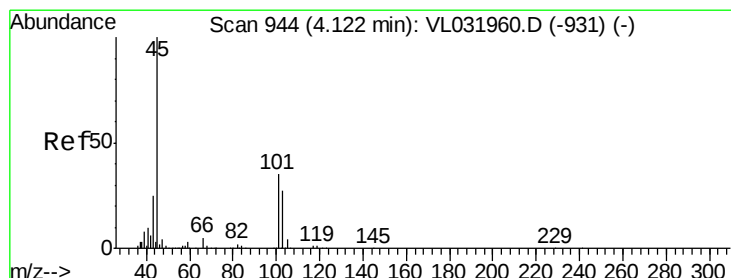
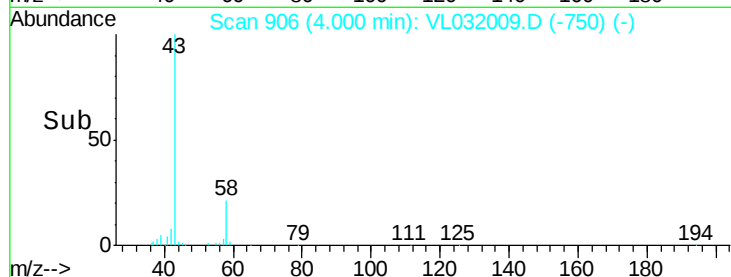
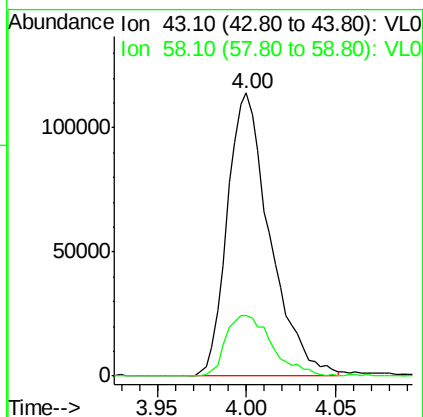
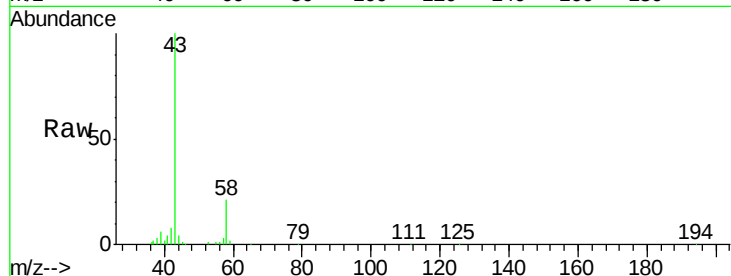
58 23.6 21.1 31.7

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#19

Isopropyl Alcohol

Concen: 0.84 ppbv

RT: 4.13 min Scan# 947

Delta R.T. 0.01 min

Lab File: VL032009.D

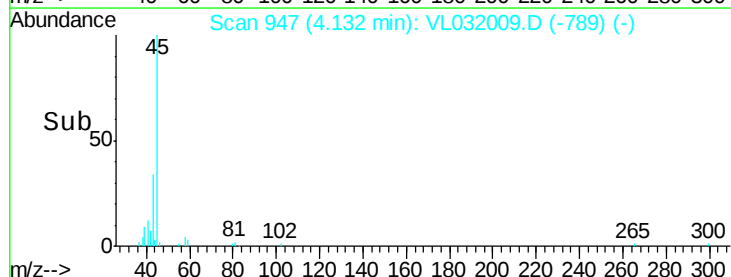
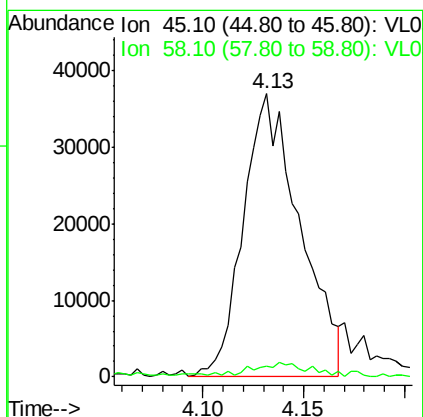
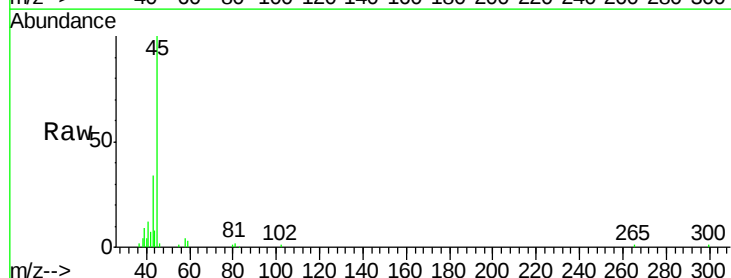
Acq: 16 May 2018 20:19

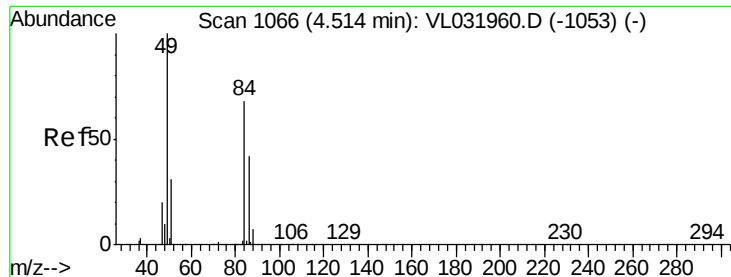
Tgt Ion: 45 Resp: 72413

Ion Ratio Lower Upper

45 100

58 5.5 1.4 2.2#





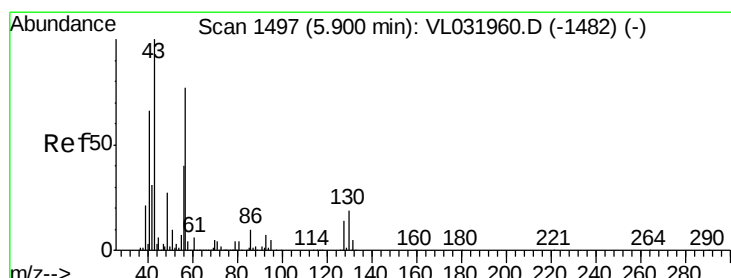
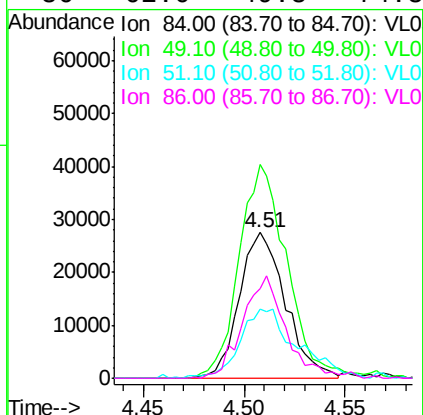
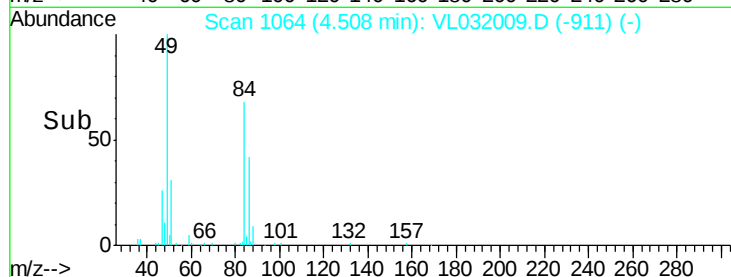
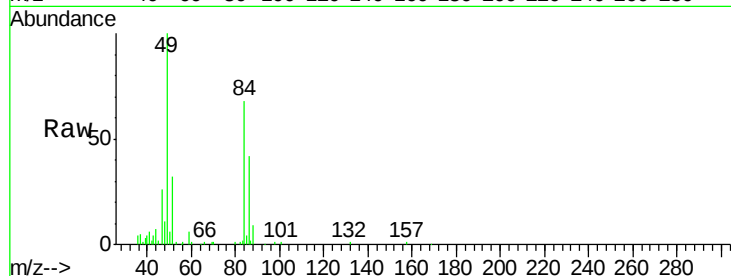
#20
Methvlene Chloride
Concen: 0.82 ppbv
RT: 4.51 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VL032009.D
Acq: 16 May 2018 20:19

Instrument :
MSVOA_L
ClientSampleId :
VZW1DL

Tot Ion	Ratio	Lower	Upper
84	100		
49	146.9	118.6	178.0
51	46.2	36.6	54.8
86	62.0	49.8	74.8

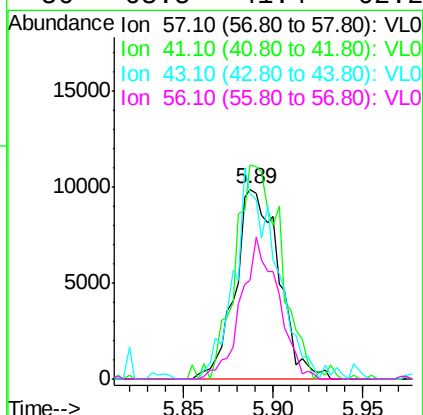
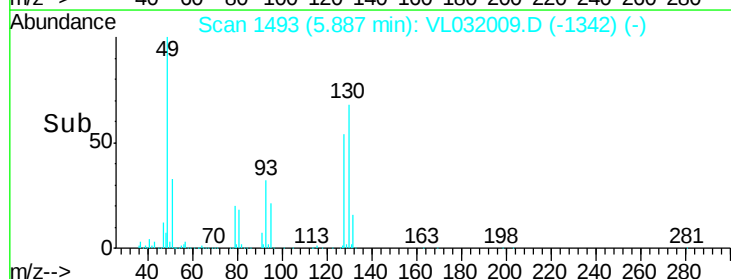
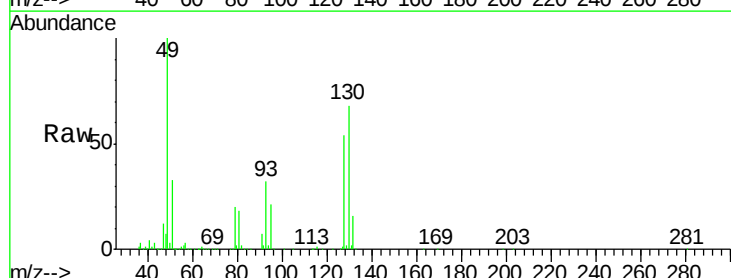
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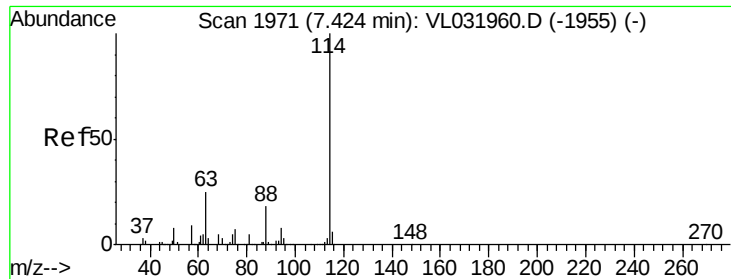
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#26
Hexane
Concen: 0.13 ppbv m
RT: 5.89 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VL032009.D
Acq: 16 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
57	100		
41	120.1	71.8	107.6#
43	108.6	171.5	257.3#
56	63.5	41.4	62.2#





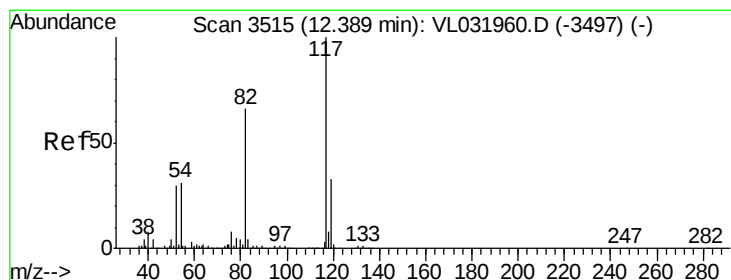
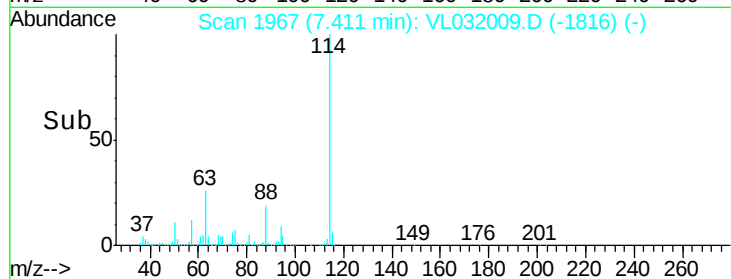
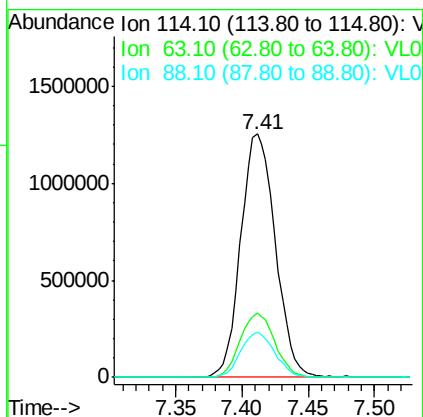
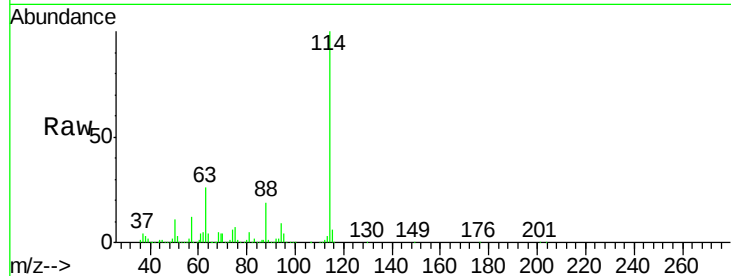
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.41 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: VL032009.D
 Acq: 16 May 2018 20:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VZW1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.4	20.8	31.2
88	18.3	14.6	21.8

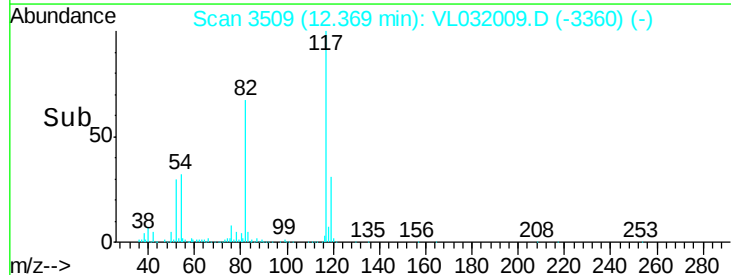
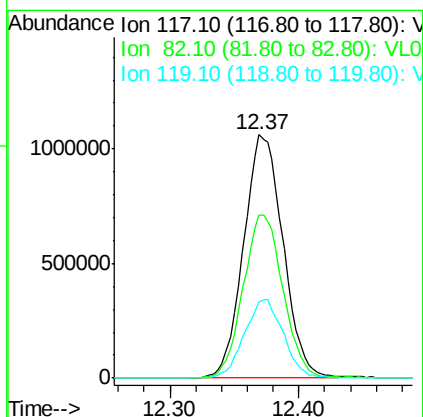
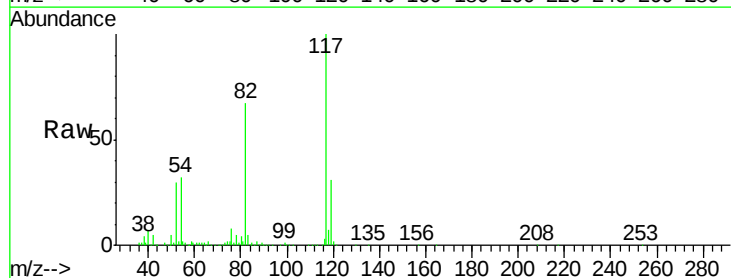
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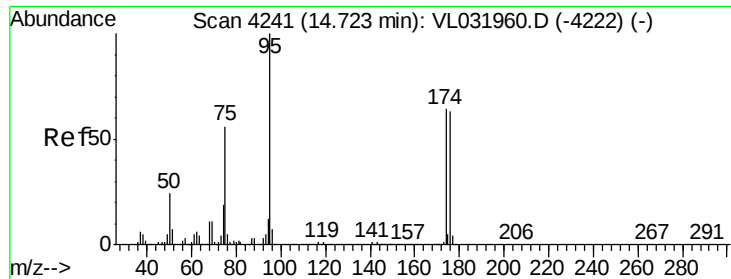
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#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.37 min Scan# 3509
 Delta R.T. -0.02 min
 Lab File: VL032009.D
 Acq: 16 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.1	51.6	77.4
119	32.1	44.2	66.4#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.06 ppbv
 RT: 14.71 min Scan# 4237
 Delta R.T. -0.01 min
 Lab File: VL032009.D
 Acq: 16 May 2018 20:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VZW1DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.5	53.0	79.6
175	4.7	3.9	5.9

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