

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
 Data File : VL032442.D
 Acq On : 31 Aug 2018 15:42
 Operator : SY/AP
 Sample : J4472-01DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL

Manual Integrations
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Quant Time: Sep 02 22:10:22 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31

QLast Update : Fri Aug 31 21:33:46 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1998667	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3900949	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3713062	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2792917	10.13	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.06	41	546902	7.494	ppbv	99
11) Trichlorofluoromethane	4.04	101	23172	0.101	ppbv	84
13) Ethanol	3.69	45	135398m	5.952	ppbv	
15) Acetone	3.95	43	146334	0.813	ppbv	98
19) Isopropyl Alcohol	4.08	45	102647	0.869	ppbv #	96
26) Hexane	5.82	57	125729	0.661	ppbv #	44
76) 1,4-Dichlorobenzene	17.35	146	571281	2.230	ppbv	99

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

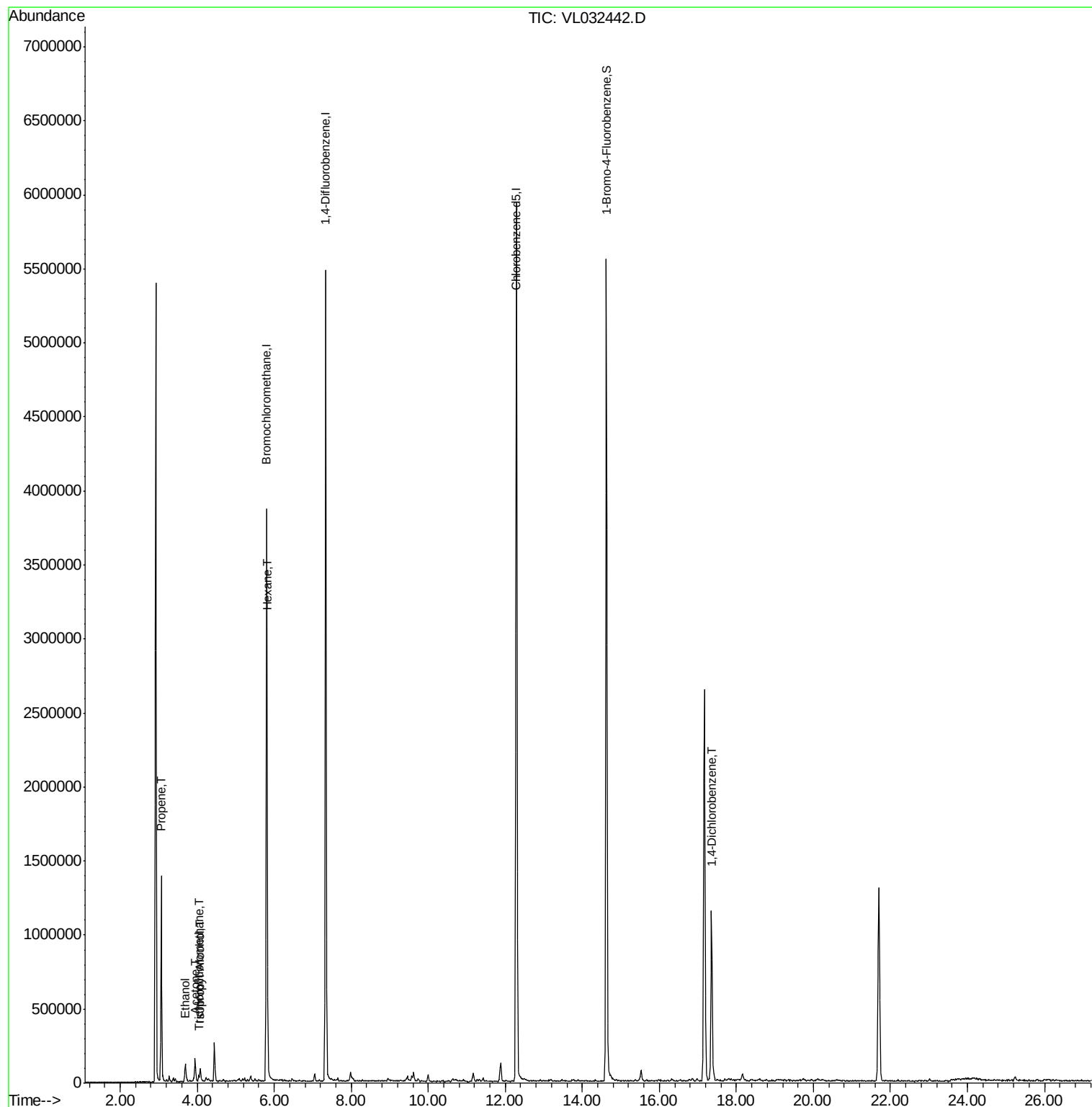
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
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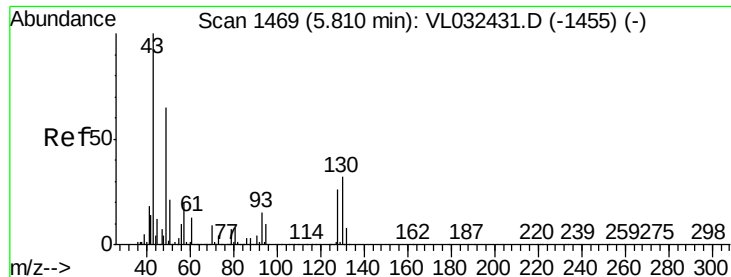
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.80 min Scan# 1467

Delta R.T. -0.01 min

Lab File: VL032442.D

Acq: 31 Aug 2018 15:42

Instrument :

MSVOA_L

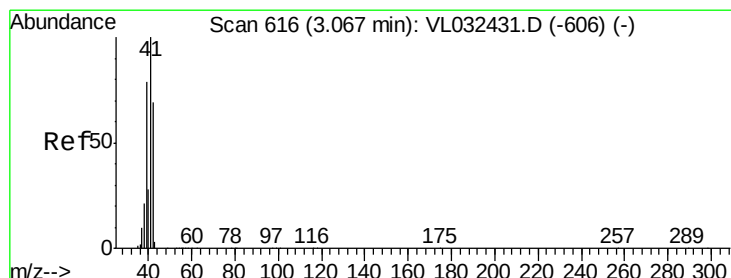
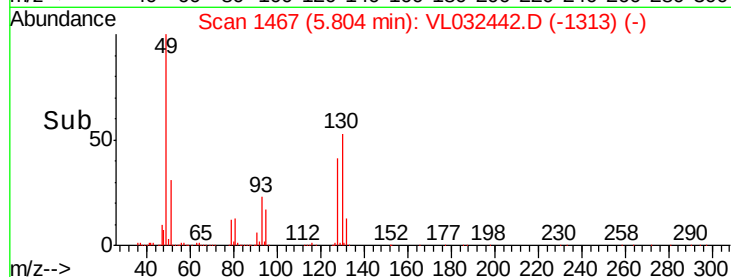
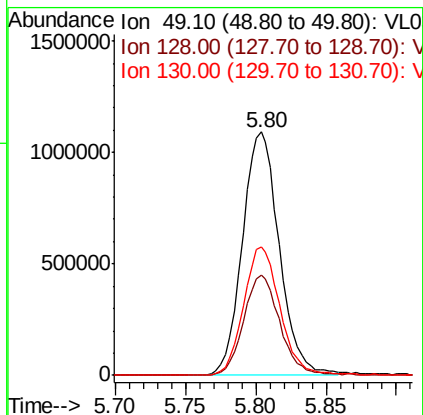
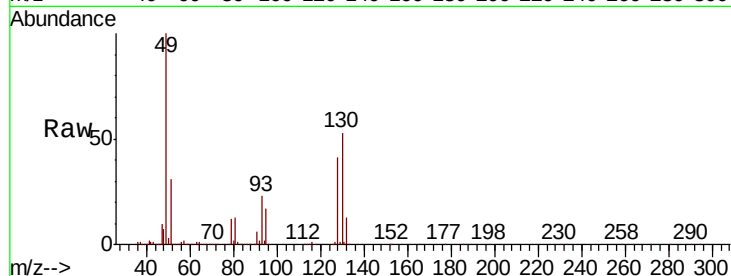
ClientSampled :

SS-1DL

Tgt Ion:	49	Resp:	1998667
Ion	Ratio	Lower	Upper
49	100		
128	41.1	20.7	62.1
130	52.7	26.6	79.7

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#9

Propene

Concen: 7.494 ppbv

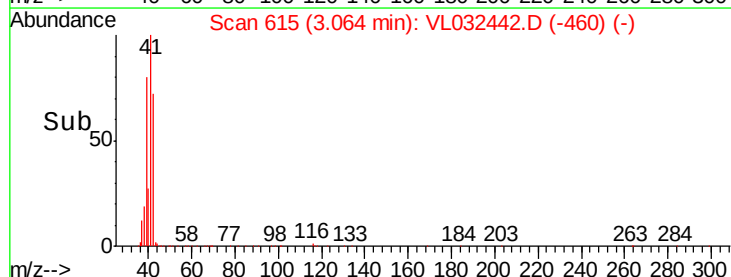
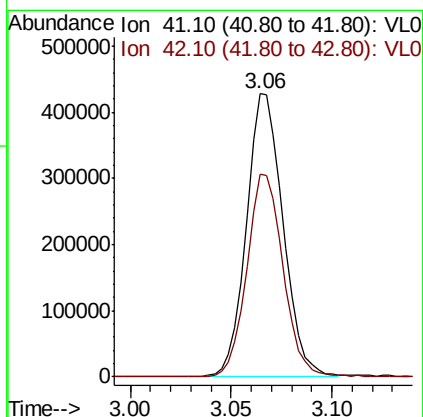
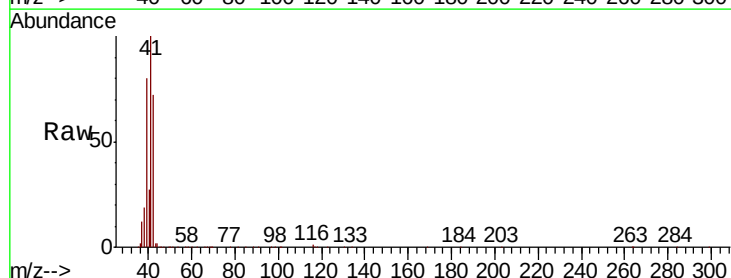
RT: 3.06 min Scan# 615

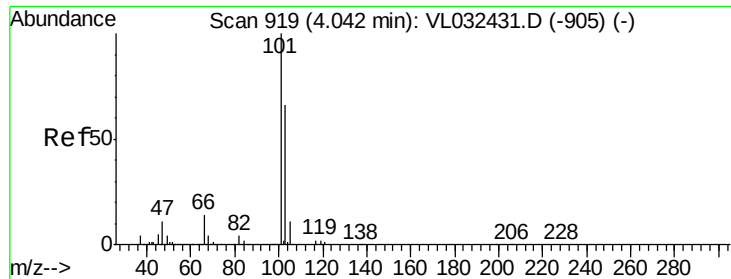
Delta R.T. -0.00 min

Lab File: VL032442.D

Acq: 31 Aug 2018 15:42

Tgt Ion:	41	Resp:	546902
Ion	Ratio	Lower	Upper
41	100		
42	71.2	56.6	84.8





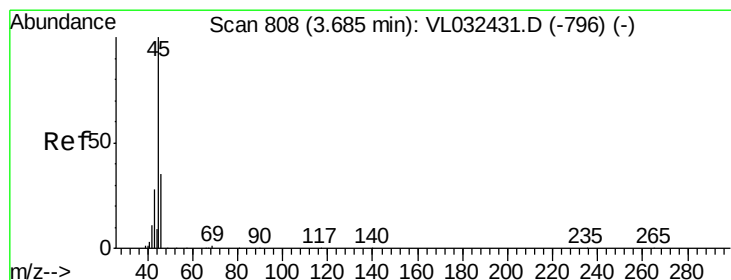
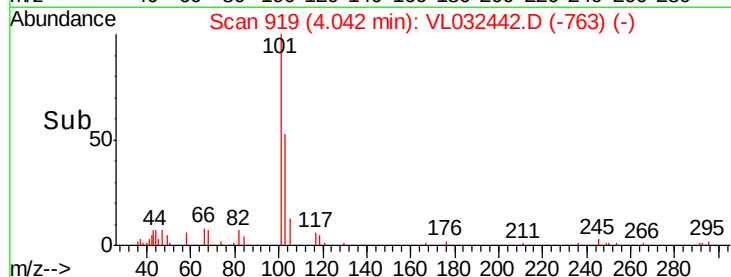
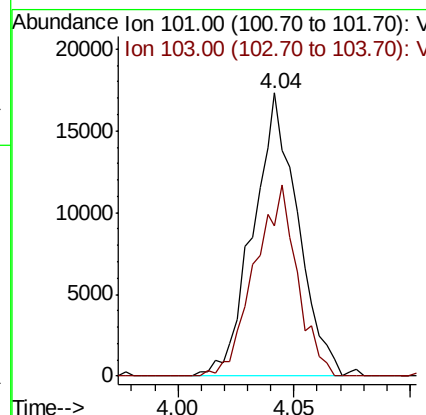
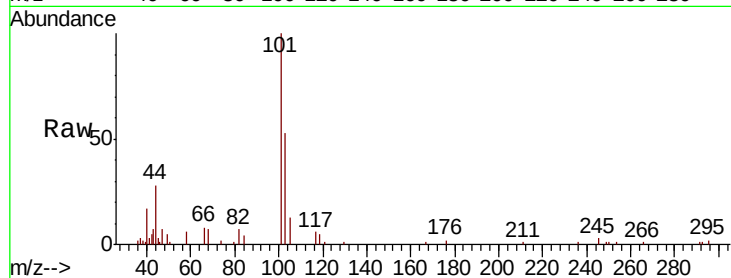
#11
 Trichlorofluoromethane
 Concen: 0.101 ppbv
 RT: 4.04 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VL032442.D
 Acq: 31 Aug 2018 15:42

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	53.0	52.8	79.2

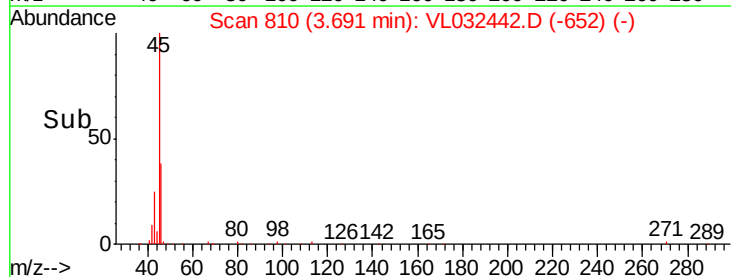
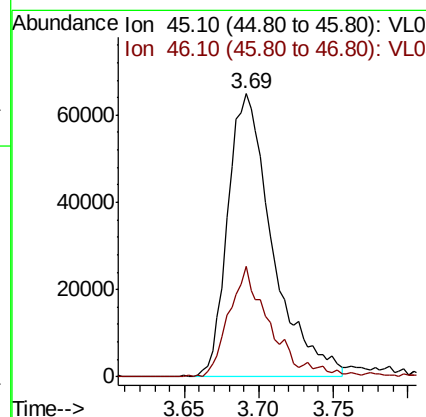
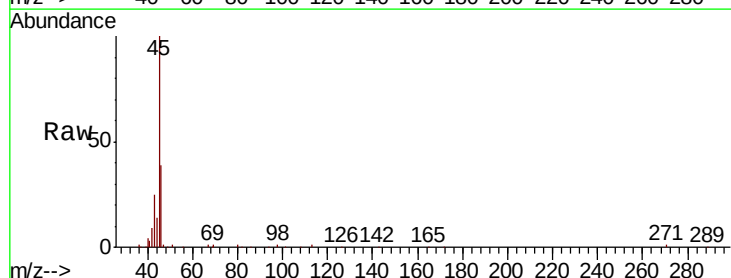
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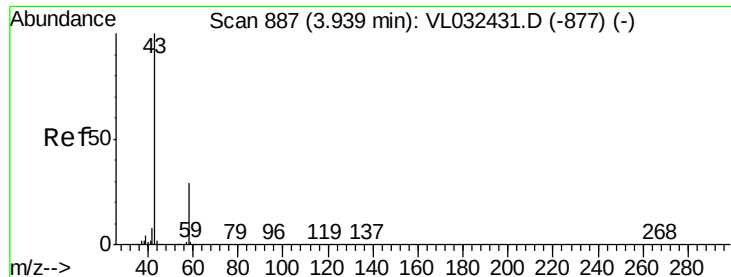
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#13
 Ethanol
 Concen: 5.952 ppbv m
 RT: 3.69 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: VL032442.D
 Acq: 31 Aug 2018 15:42

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.0	14.2	56.8





#15

Acetone

Concen: 0.813 ppbv

RT: 3.95 min Scan# 889

Delta R.T. 0.01 min

Lab File: VL032442.D

Acq: 31 Aug 2018 15:42

Instrument :

MSVOA_L

ClientSampled :

SS-1DL

Tgt Ion: 43 Resp: 146334

Ion Ratio Lower Upper

43 100

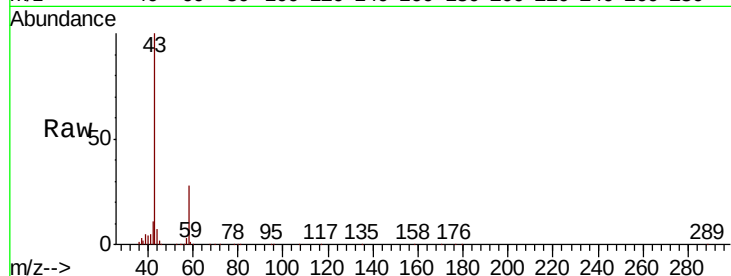
58 29.3 22.6 33.8

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.95

100000

80000

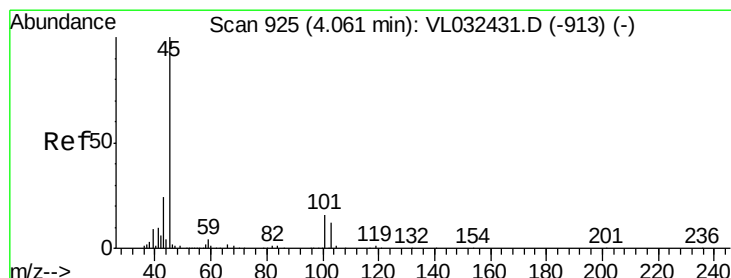
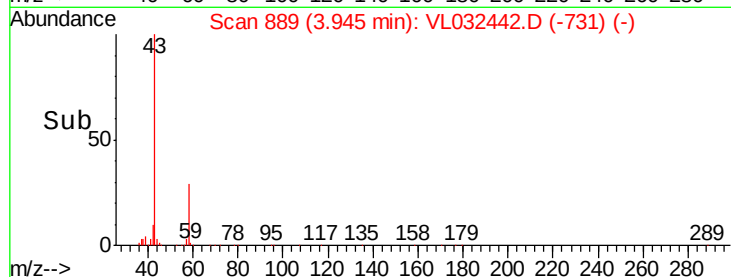
60000

40000

20000

0

Time-->



#19

Isopropyl Alcohol

Concen: 0.869 ppbv

RT: 4.08 min Scan# 931

Delta R.T. 0.02 min

Lab File: VL032442.D

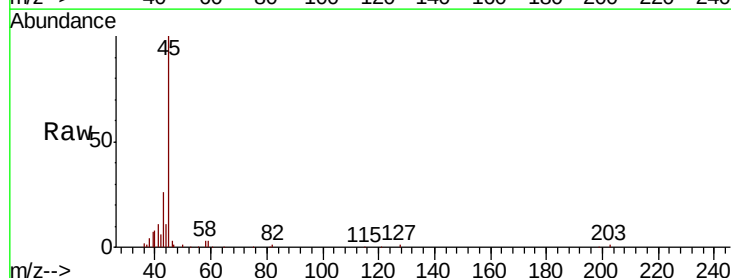
Acq: 31 Aug 2018 15:42

Tgt Ion: 45 Resp: 102647

Ion Ratio Lower Upper

45 100

58 4.0 2.0 3.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

4.08

60000

50000

40000

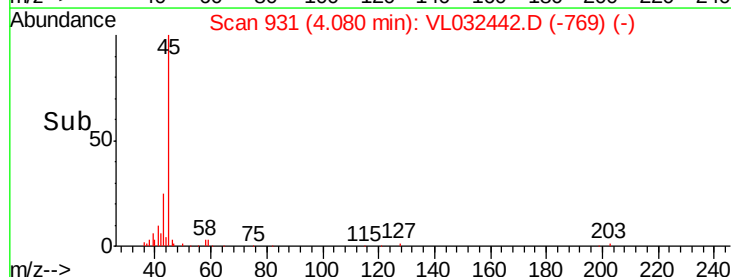
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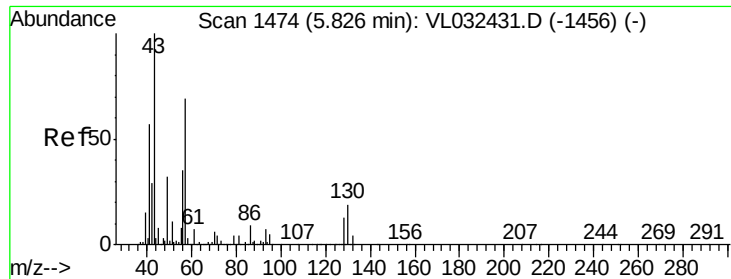
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10000

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Time-->





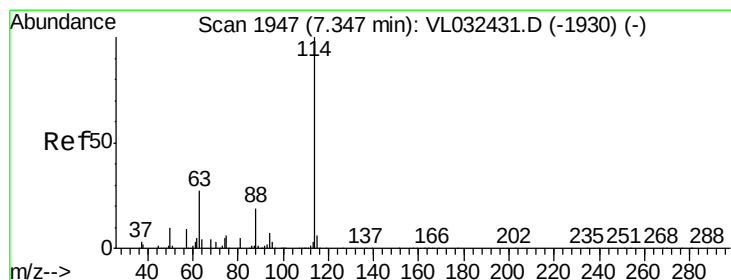
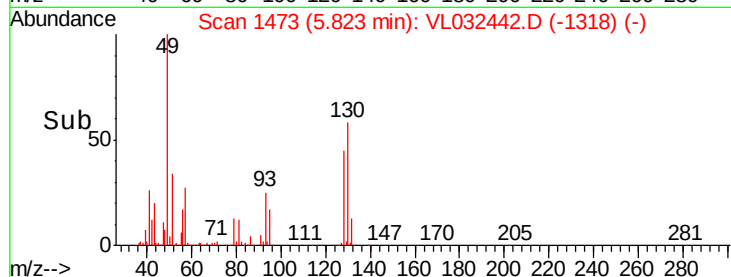
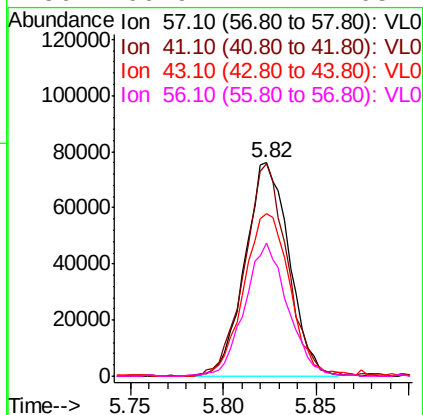
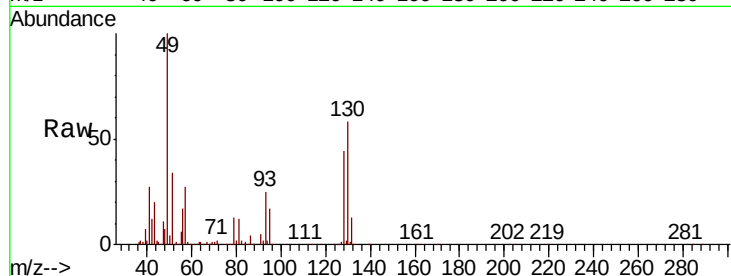
#26
Hexane
Concen: 0.661 ppbv
RT: 5.82 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VL032442.D
Acq: 31 Aug 2018 15:42

Instrument :
MSVOA_L
ClientSampled :
SS-1DL

Tgt Ion	Ratio	Lower	Upper
57	100		
41	95.8	69.0	103.4
43	80.7	172.1	258.1#
56	60.9	42.2	63.2

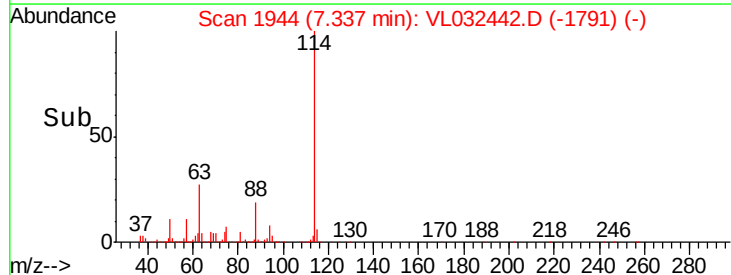
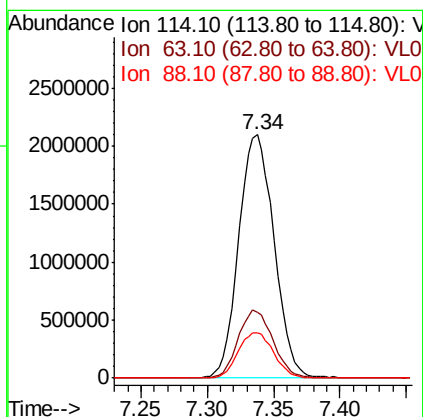
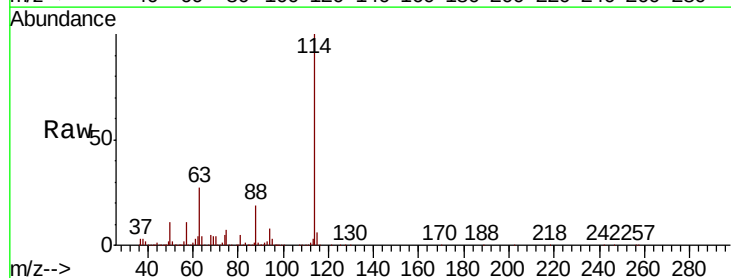
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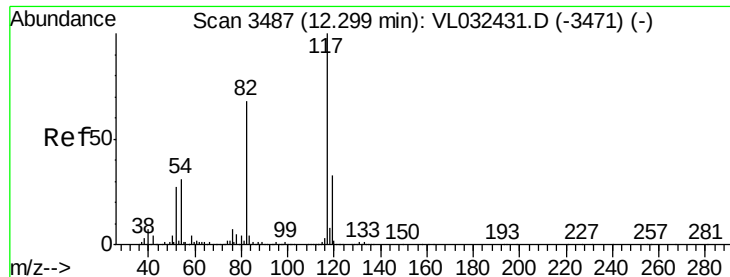
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.34 min Scan# 1944
Delta R.T. -0.01 min
Lab File: VL032442.D
Acq: 31 Aug 2018 15:42

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.2	33.4
88	18.9	15.0	22.4





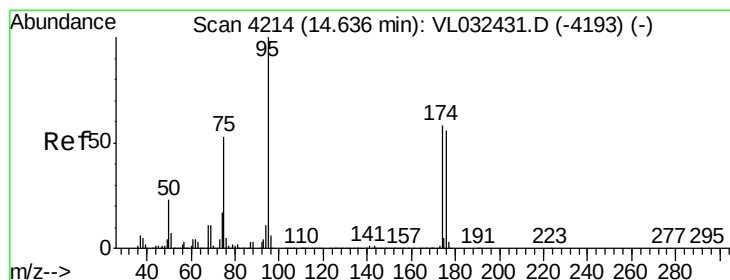
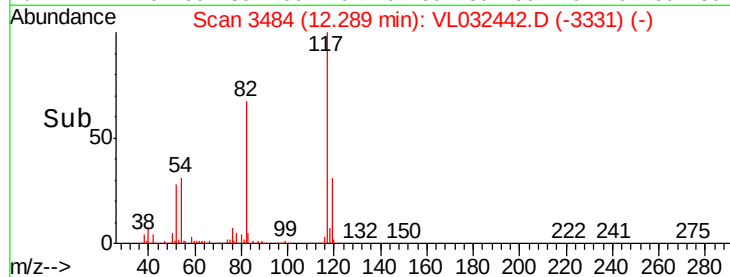
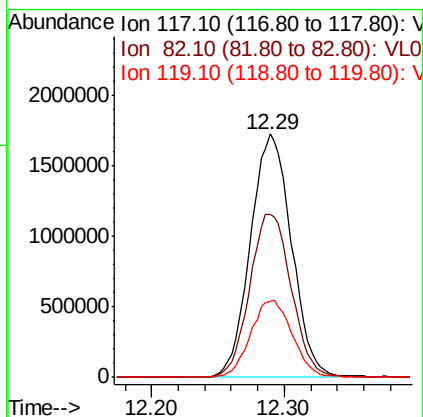
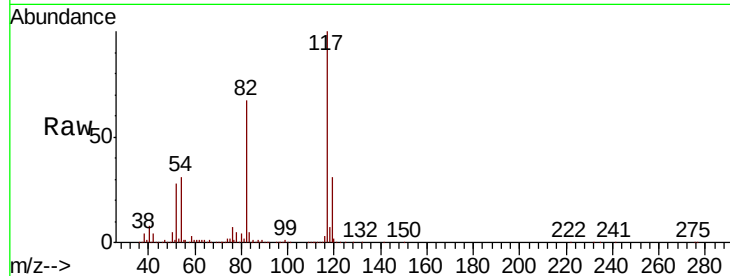
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.29 min Scan# 3484
Delta R.T. -0.01 min
Lab File: VL032442.D
Acq: 31 Aug 2018 15:42

Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

Tgt Ion: 117 Resp: 3713062
Ion Ratio Lower Upper
117 100
82 68.8 53.0 79.6
119 32.5 45.9 68.9#

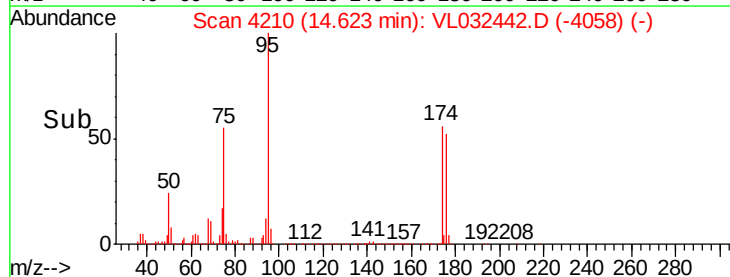
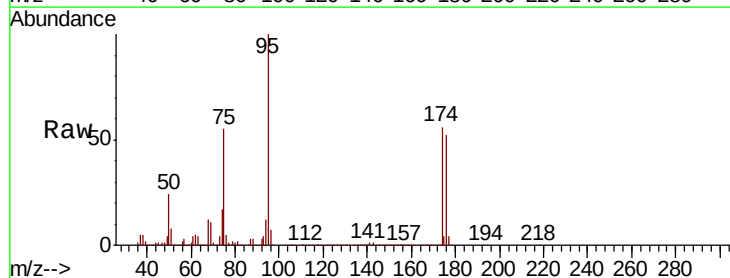
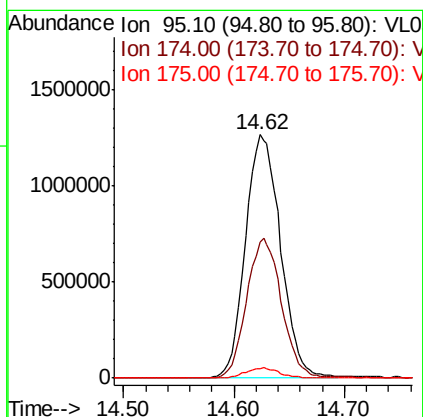
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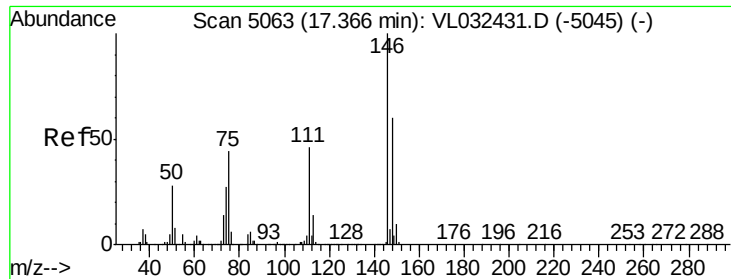
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.131 ppbv
RT: 14.62 min Scan# 4210
Delta R.T. -0.01 min
Lab File: VL032442.D
Acq: 31 Aug 2018 15:42

Tgt Ion: 95 Resp: 2792917
Ion Ratio Lower Upper
95 100
174 57.8 46.3 69.5
175 4.1 3.4 5.0





#76
 1,4-Dichlorobenzene
 Concen: 2.230 ppbv
 RT: 17.35 min Scan# 5059
 Delta R.T. -0.01 min
 Lab File: VL032442.D
 Acq: 31 Aug 2018 15:42

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL

Tgt Ion:	146	Resp:	571281
Ion Ratio	Lower	Upper	
146	100		
111	47.1	23.4	70.2
148	65.7	32.0	96.2

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