

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081618\
 Data File : VL032396.D
 Acq On : 17 Aug 2018 3:41
 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: Aug 29 13:04:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 28 2018
 QLast Update : Tue Aug 28 13:07:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.81	49	1757693	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3381851	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3346795	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2595128	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.04	51	26359	0.162	ppbv	96
9) Propene	3.07	41	634534	9.106	ppbv	100
11) Trichlorofluoromethane	4.04	101	25262	0.129	ppbv	95
13) Ethanol	3.70	45	28595m	1.598	ppbv	
15) Acetone	3.96	43	112269	0.672	ppbv	99
19) Isopropyl Alcohol	4.09	45	118181	1.051	ppbv #	92
34) 2-Butanone	5.40	43	38470	0.167	ppbv	99
36) Benzene	7.06	78	34693m	0.121	ppbv	
76) 1,4-Dichlorobenzene	17.37	146	691890	3.167	ppbv	99

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

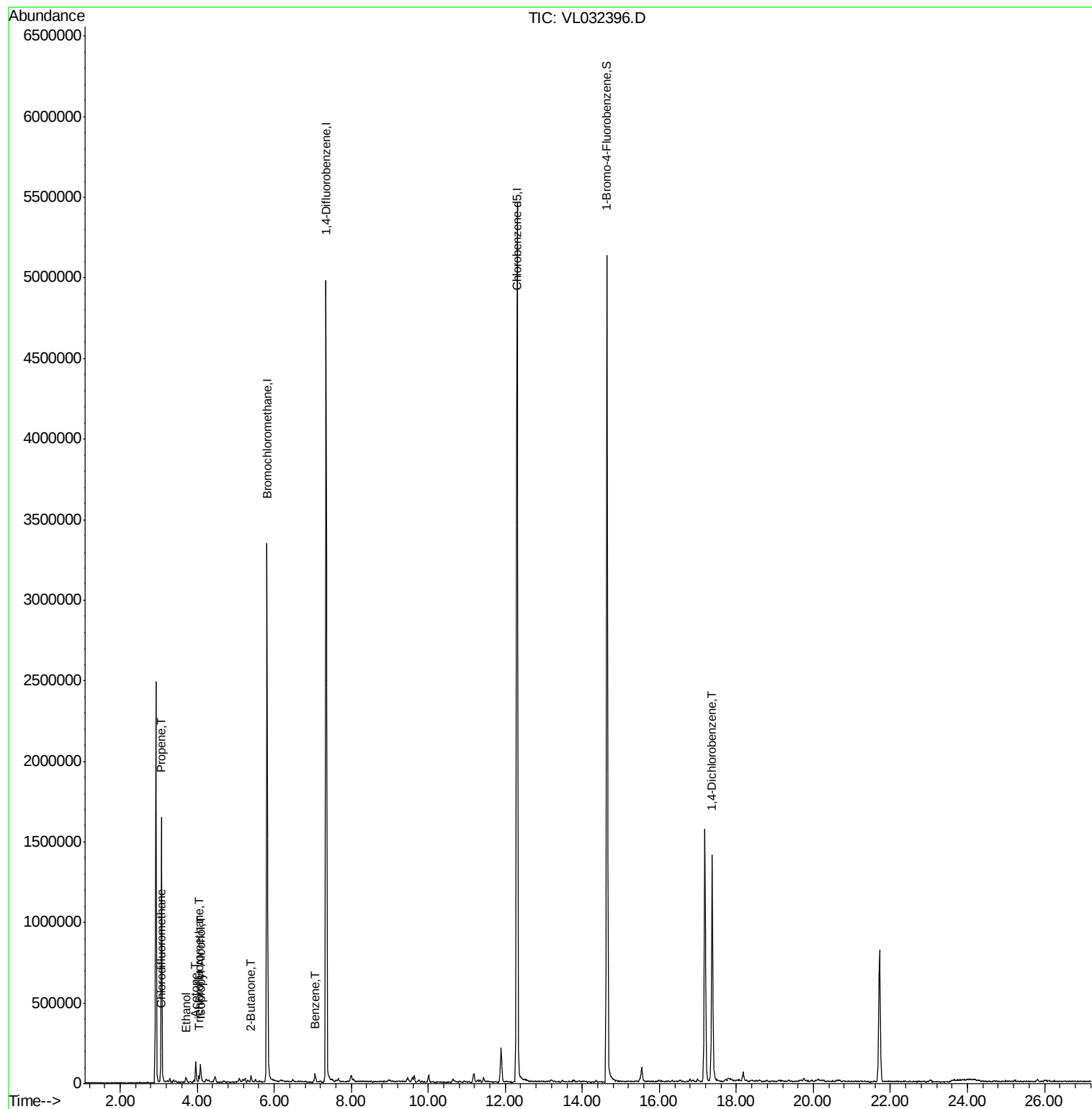
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081618\
Data File : VL032396.D
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Misc : 400ml/MSVOA_L
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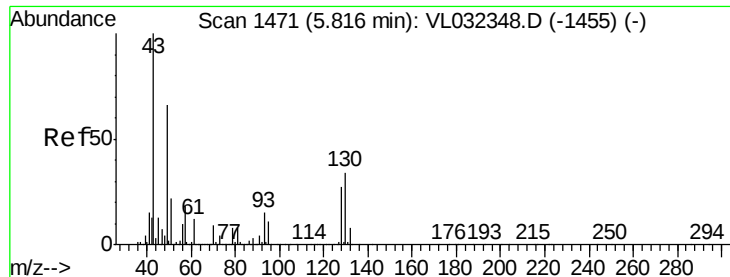
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

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Quant Time: Aug 29 13:04:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug
QLast Update : Tue Aug 28 13:07:12 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.81 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VL032396.D

Acq: 17 Aug 2018 3:41

Instrument :

MSVOA_L

ClientSampled :

SS-1DL

Tgt Ion: 49 Resp: 1757693

Ion Ratio Lower Upper

49 100

128 40.6 20.5 61.6

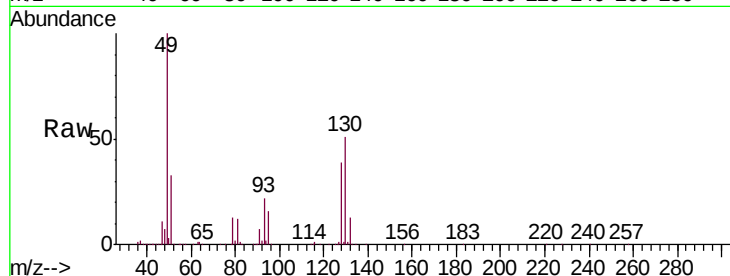
130 52.1 26.2 78.5

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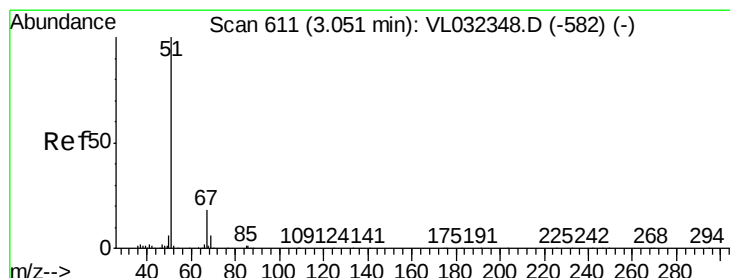
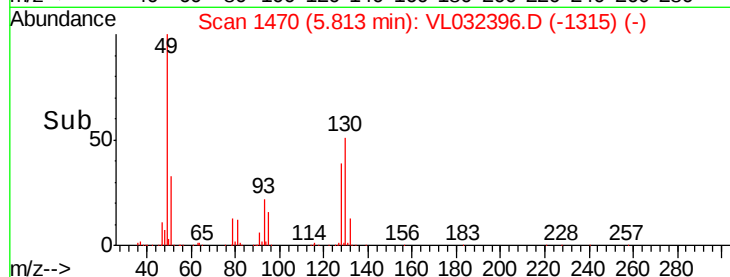
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.81

Time-->



#3

Chlorodifluoromethane

Concen: 0.162 ppbv

RT: 3.04 min Scan# 609

Delta R.T. -0.01 min

Lab File: VL032396.D

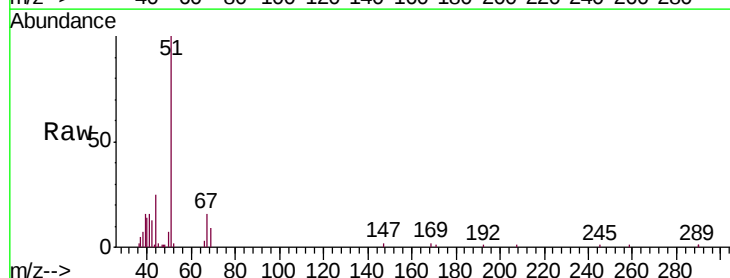
Acq: 17 Aug 2018 3:41

Tgt Ion: 51 Resp: 26359

Ion Ratio Lower Upper

51 100

67 15.3 13.7 20.5

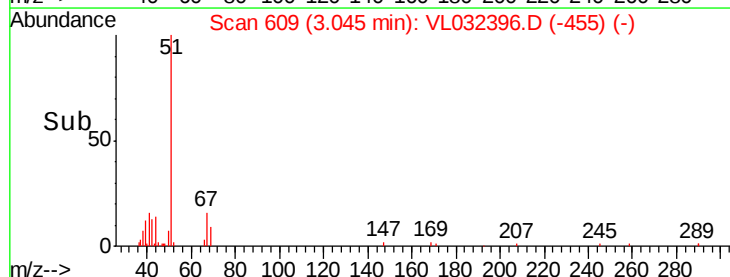


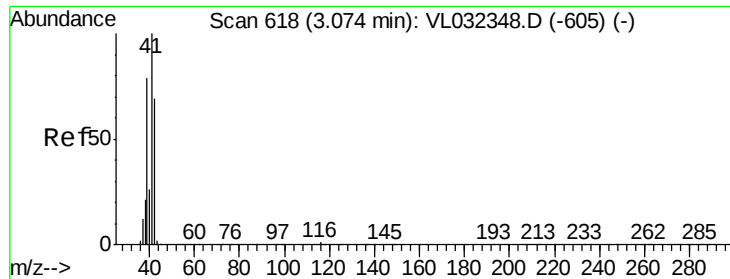
Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

3.04

Time-->





#9

Propene

Concen: 9.106 ppbv

RT: 3.07 min Scan# 617

Delta R.T. -0.00 min

Lab File: VL032396.D

Acq: 17 Aug 2018 3:41

Instrument :

MSVOA_L

ClientSampled :

SS-1DL

Tgt Ion: 41 Resp: 634534

Ion Ratio Lower Upper

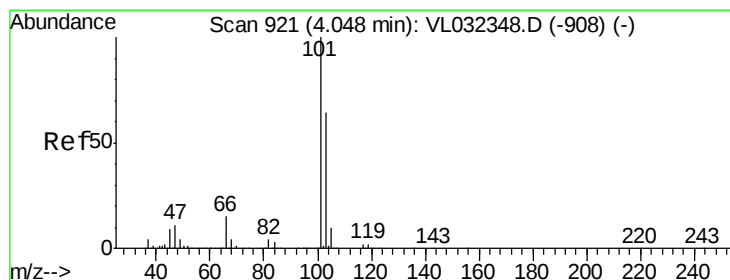
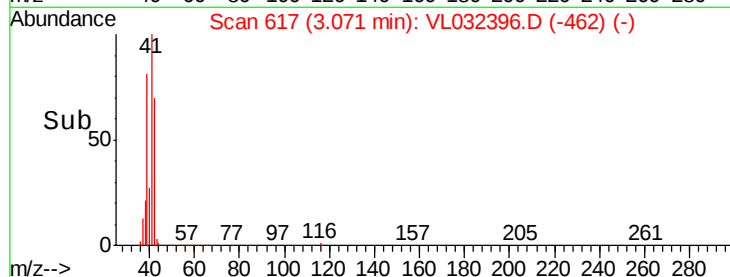
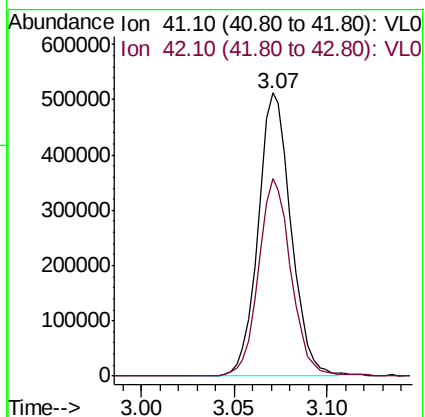
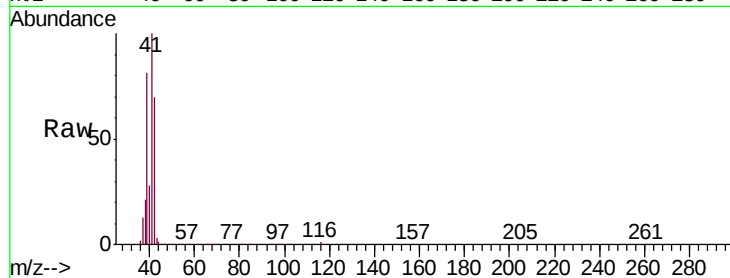
41 100

42 69.8 55.9 83.9

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#11

Trichlorofluoromethane

Concen: 0.129 ppbv

RT: 4.04 min Scan# 920

Delta R.T. -0.00 min

Lab File: VL032396.D

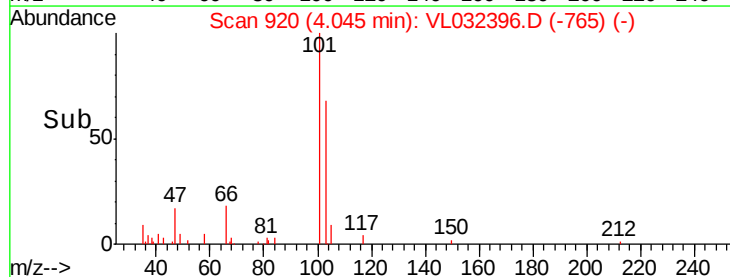
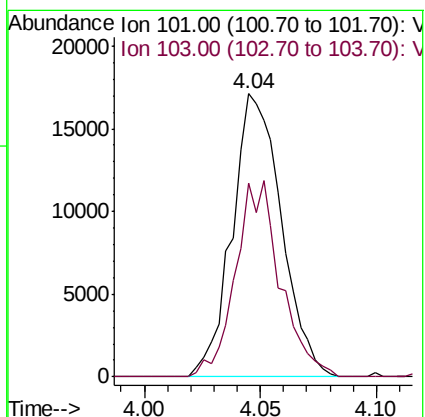
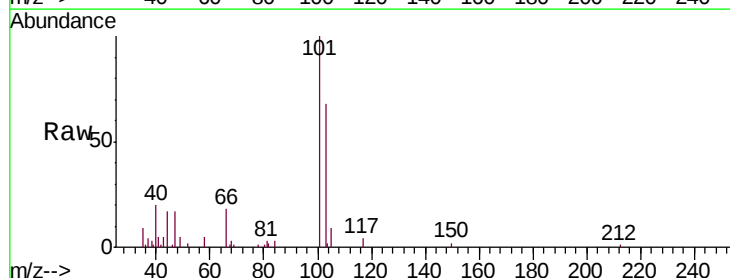
Acq: 17 Aug 2018 3:41

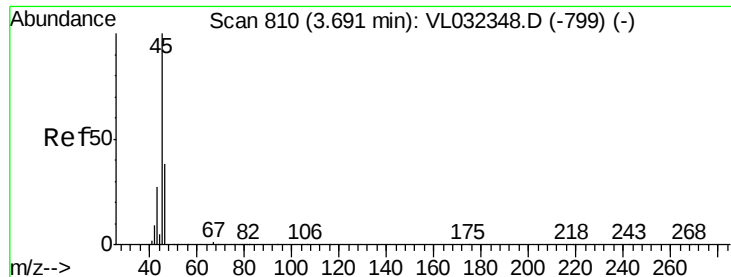
Tgt Ion: 101 Resp: 25262

Ion Ratio Lower Upper

101 100

103 68.4 51.4 77.0





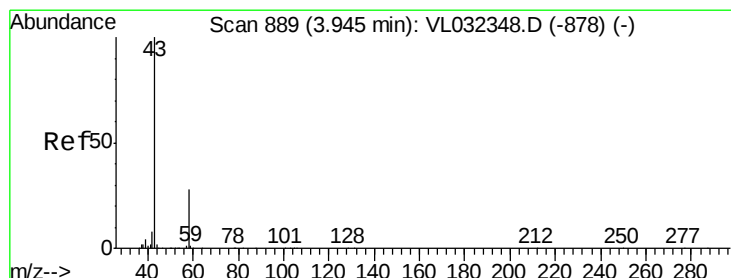
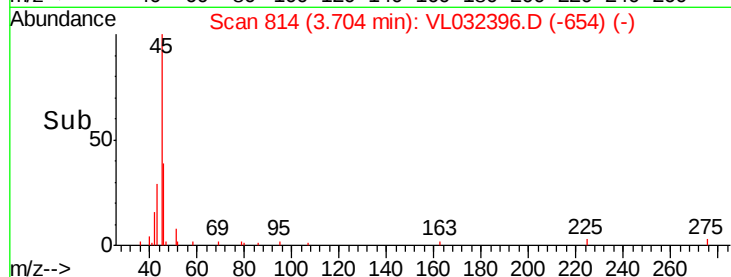
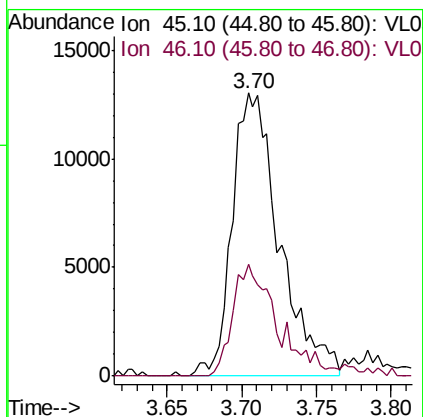
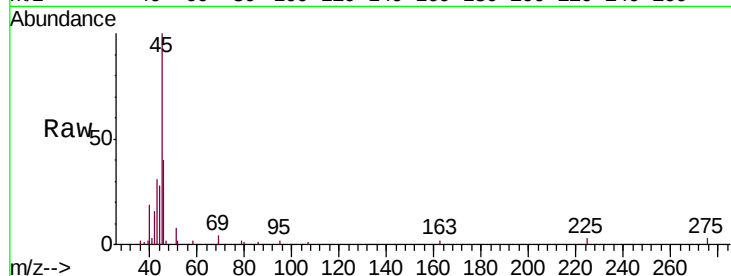
#13
Ethanol
Concen: 1.598 ppbv m
RT: 3.70 min Scan# 814
Delta R.T. 0.01 min
Lab File: VL032396.D
Acq: 17 Aug 2018 3:41

Instrument :
MSVOA_L
ClientSampled :
SS-1DL

Tgt Ion	Ratio	Lower	Upper
45	100		
46	39.3	15.6	62.4

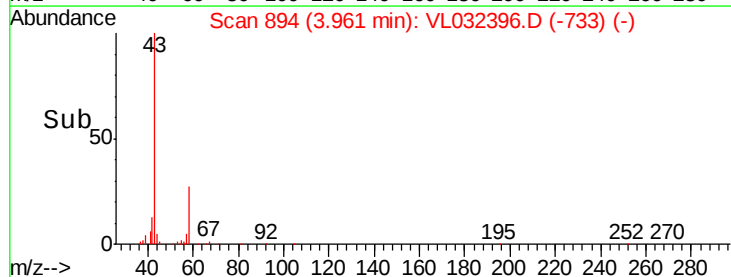
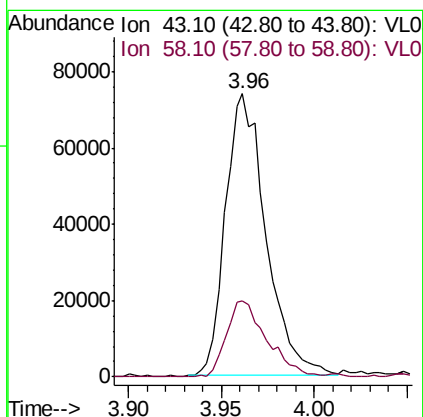
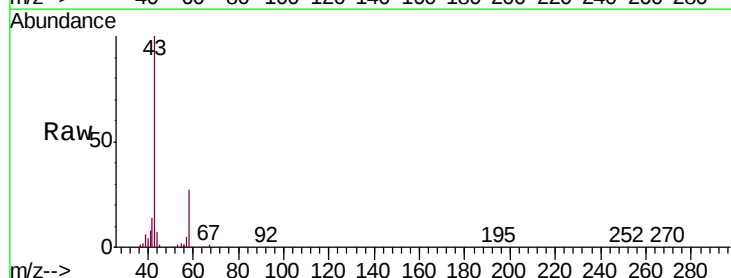
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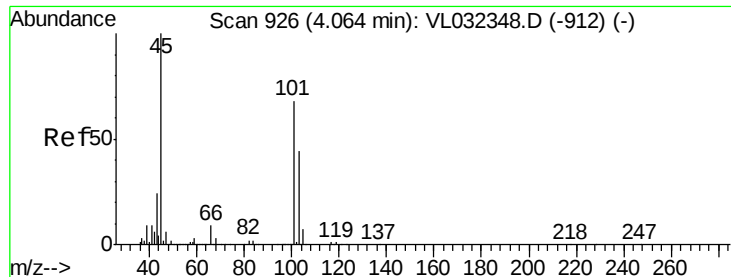
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#15
Acetone
Concen: 0.672 ppbv
RT: 3.96 min Scan# 894
Delta R.T. 0.02 min
Lab File: VL032396.D
Acq: 17 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.4	33.6





#19

Isopropyl Alcohol

Concen: 1.051 ppbv

RT: 4.09 min Scan# 933

Delta R.T. 0.02 min

Lab File: VL032396.D

Acq: 17 Aug 2018 3:41

Instrument :

MSVOA_L

ClientSampleId :

SS-1DL

Tgt Ion: 45 Resp: 118181

Ion Ratio Lower Upper

45 100

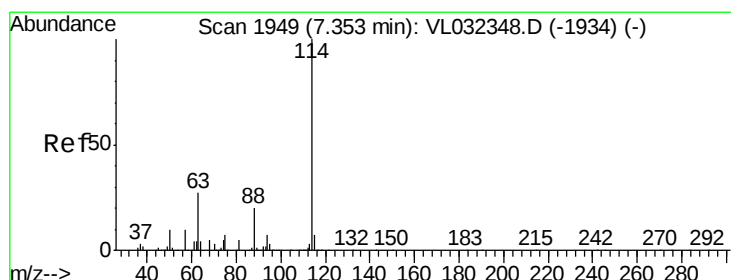
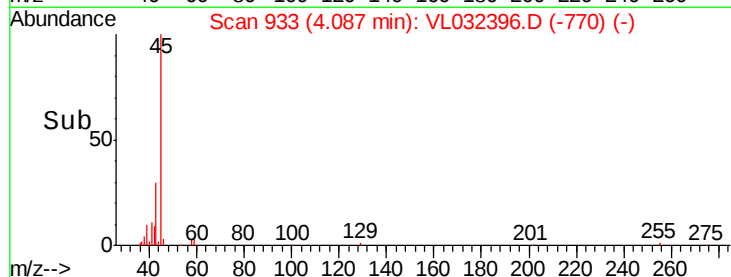
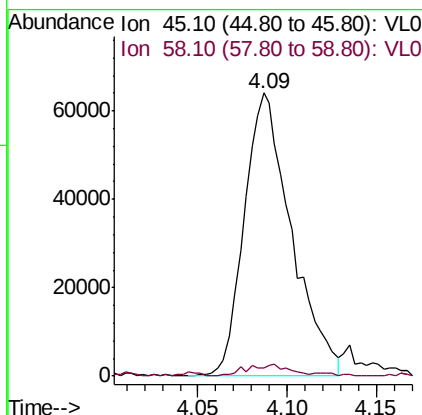
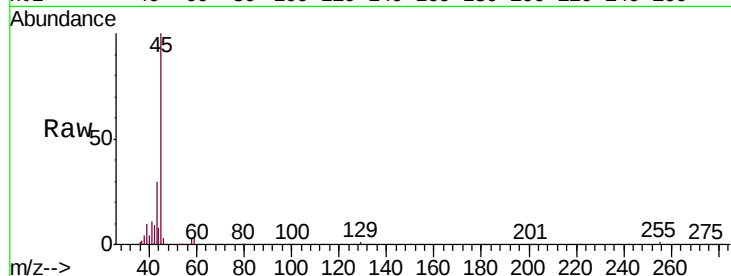
58 4.8 1.4 2.0#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.35 min Scan# 1947

Delta R.T. -0.01 min

Lab File: VL032396.D

Acq: 17 Aug 2018 3:41

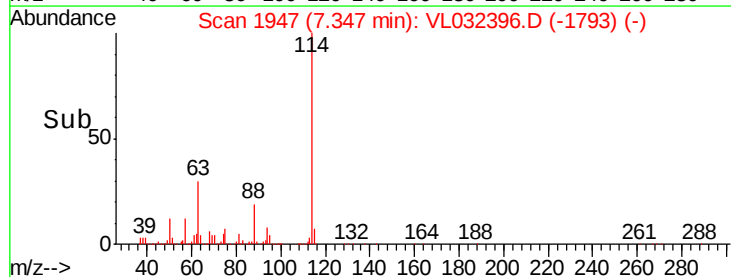
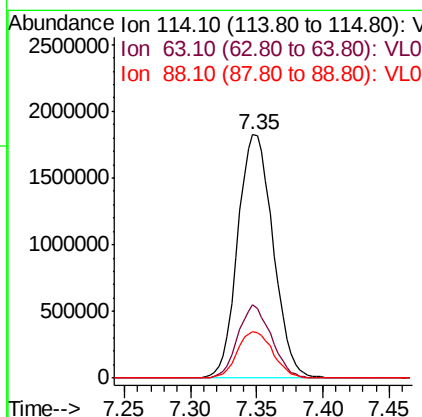
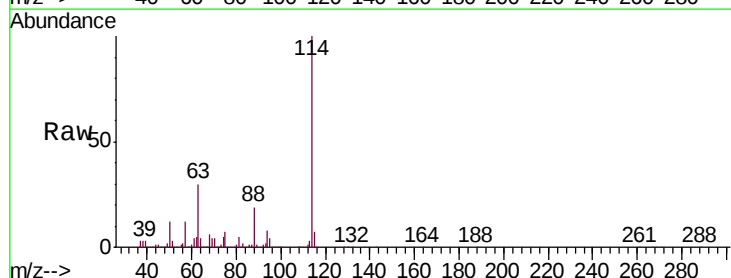
Tgt Ion: 114 Resp: 3381851

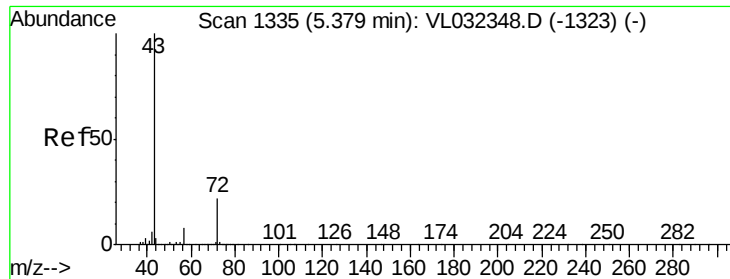
Ion Ratio Lower Upper

114 100

63 28.6 22.0 33.0

88 19.2 15.3 22.9





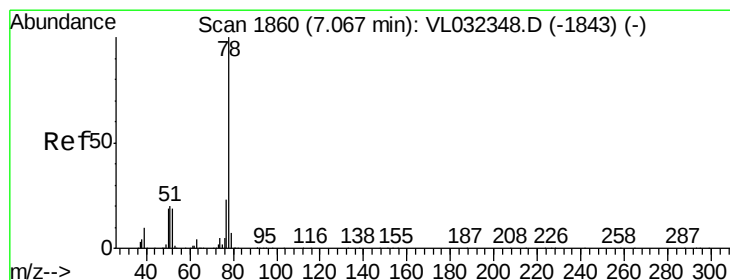
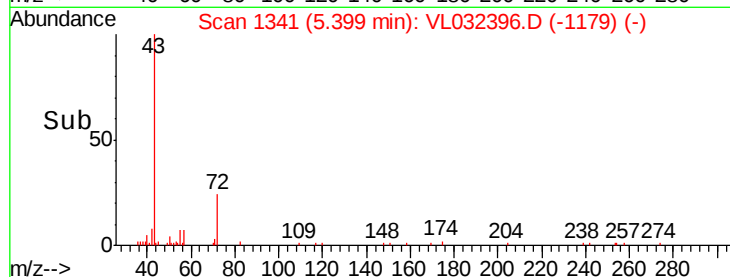
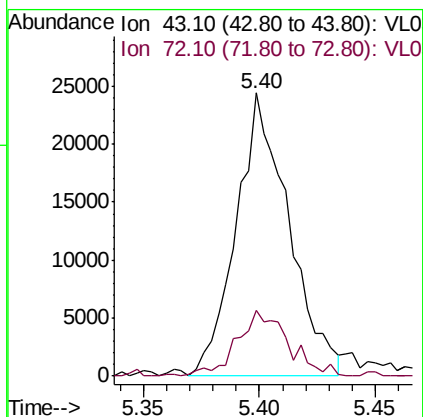
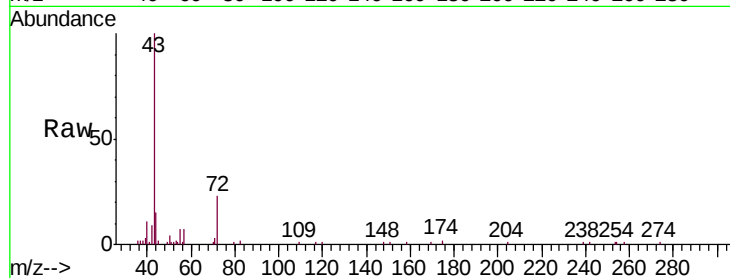
#34
 2-Butanone
 Concen: 0.167 ppbv
 RT: 5.40 min Scan# 1341
 Delta R.T. 0.02 min
 Lab File: VL032396.D
 Acq: 17 Aug 2018 3:41

Instrument :
 MSVOA_L
 ClientSampled :
 SS-1DL

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.0	17.9	26.9

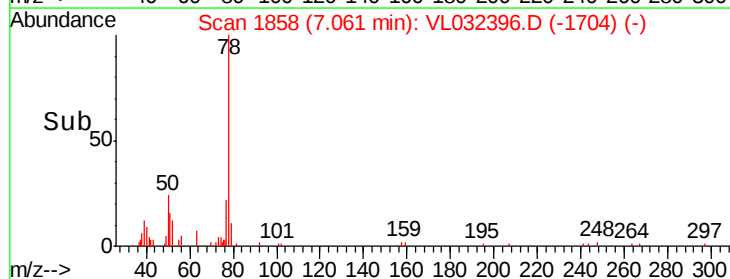
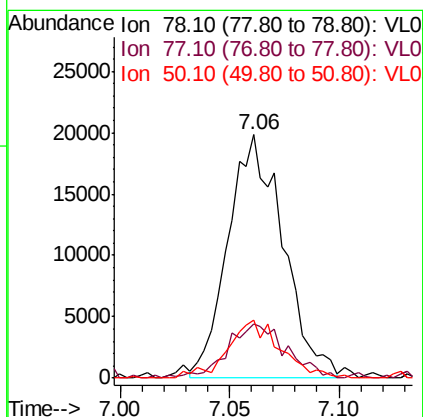
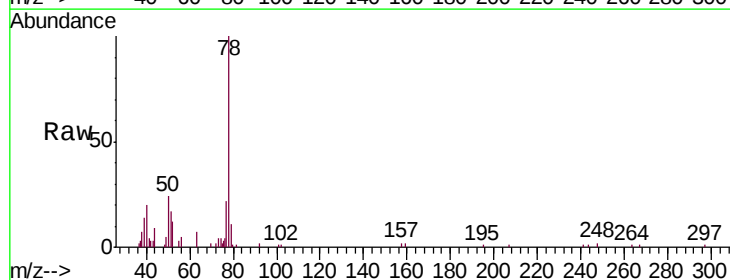
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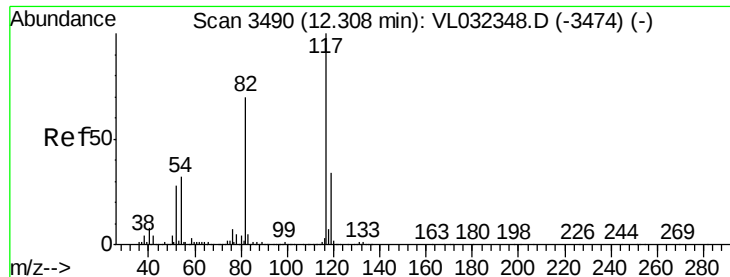
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#36
 Benzene
 Concen: 0.121 ppbv m
 RT: 7.06 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VL032396.D
 Acq: 17 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.0	27.0
50	24.0	15.1	22.7





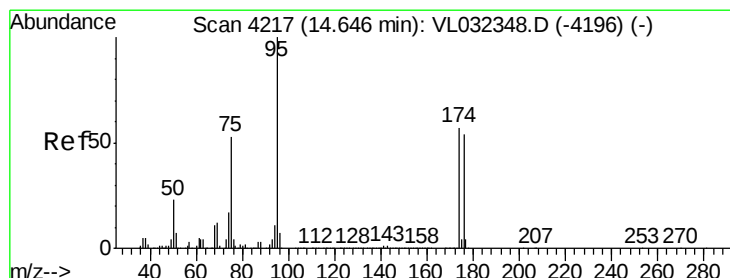
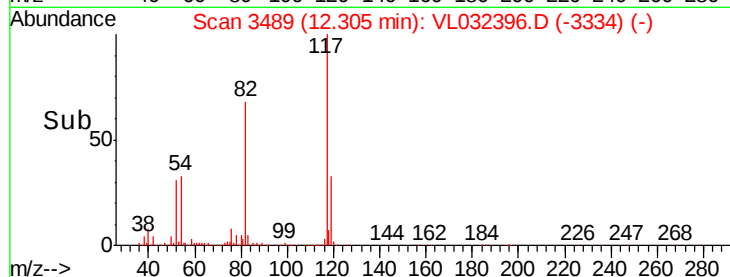
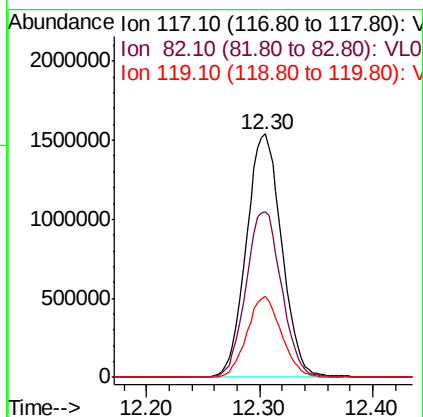
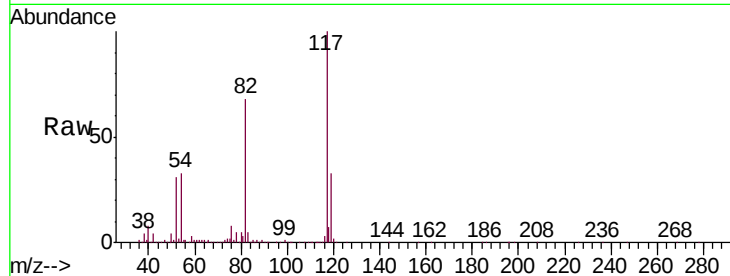
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.30 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VL032396.D
Acq: 17 Aug 2018 3:41

Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

Tgt Ion: 117 Resp: 3346795
Ion Ratio Lower Upper
117 100
82 69.1 55.1 82.7
119 32.6 46.0 69.0#

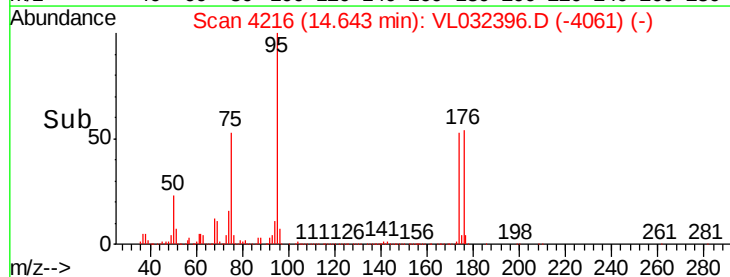
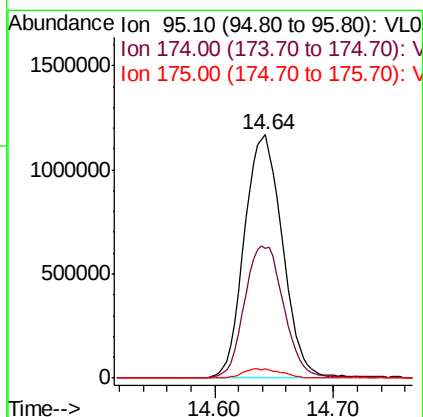
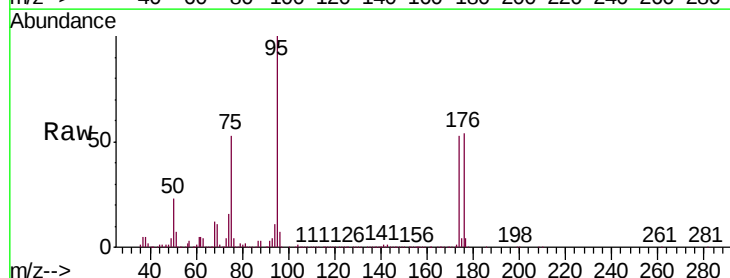
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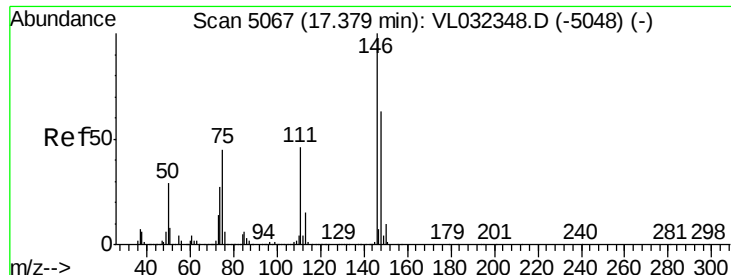
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.164 ppbv
RT: 14.64 min Scan# 4216
Delta R.T. -0.00 min
Lab File: VL032396.D
Acq: 17 Aug 2018 3:41

Tgt Ion: 95 Resp: 2595128
Ion Ratio Lower Upper
95 100
174 56.6 46.2 69.4
175 4.0 3.4 5.0





#76
 1,4-Dichlorobenzene
 Concen: 3.167 ppbv
 RT: 17.37 min Scan# 5065
 Delta R.T. -0.01 min
 Lab File: VL032396.D
 Acq: 17 Aug 2018 3:41

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL

Tgt Ion:	146	Resp:	691890
Ion Ratio		Lower	Upper
146	100		
111	47.2	23.8	71.4
148	63.5	32.2	96.6

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