

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081618\
 Data File : VL032397.D
 Acq On : 17 Aug 2018 4:21
 Operator : SY/AP
 Sample : J4472-01DUP 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DUP

Manual Integrations
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Quant Time: Aug 17 06:38:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 15 14:58:02 2018
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.81	49	1749179	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3437240	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3337972	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.64	95	2568573	10.09	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.05	51	24467	0.15	ppbv	96
9) Propene	3.07	41	617647	8.91	ppbv	100
11) Trichlorofluoromethane	4.05	101	24453m	0.12	ppbv	
13) Ethanol	3.71	45	29448m	1.65	ppbv	
15) Acetone	3.96	43	108584	0.65	ppbv	100
19) Isopropyl Alcohol	4.09	45	123699m	1.11	ppbv	
34) 2-Butanone	5.40	43	40011m	0.17	ppbv	
36) Benzene	7.06	78	32658	0.11	ppbv	98
76) 1,4-Dichlorobenzene	17.38	146	682864	3.13	ppbv	99

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

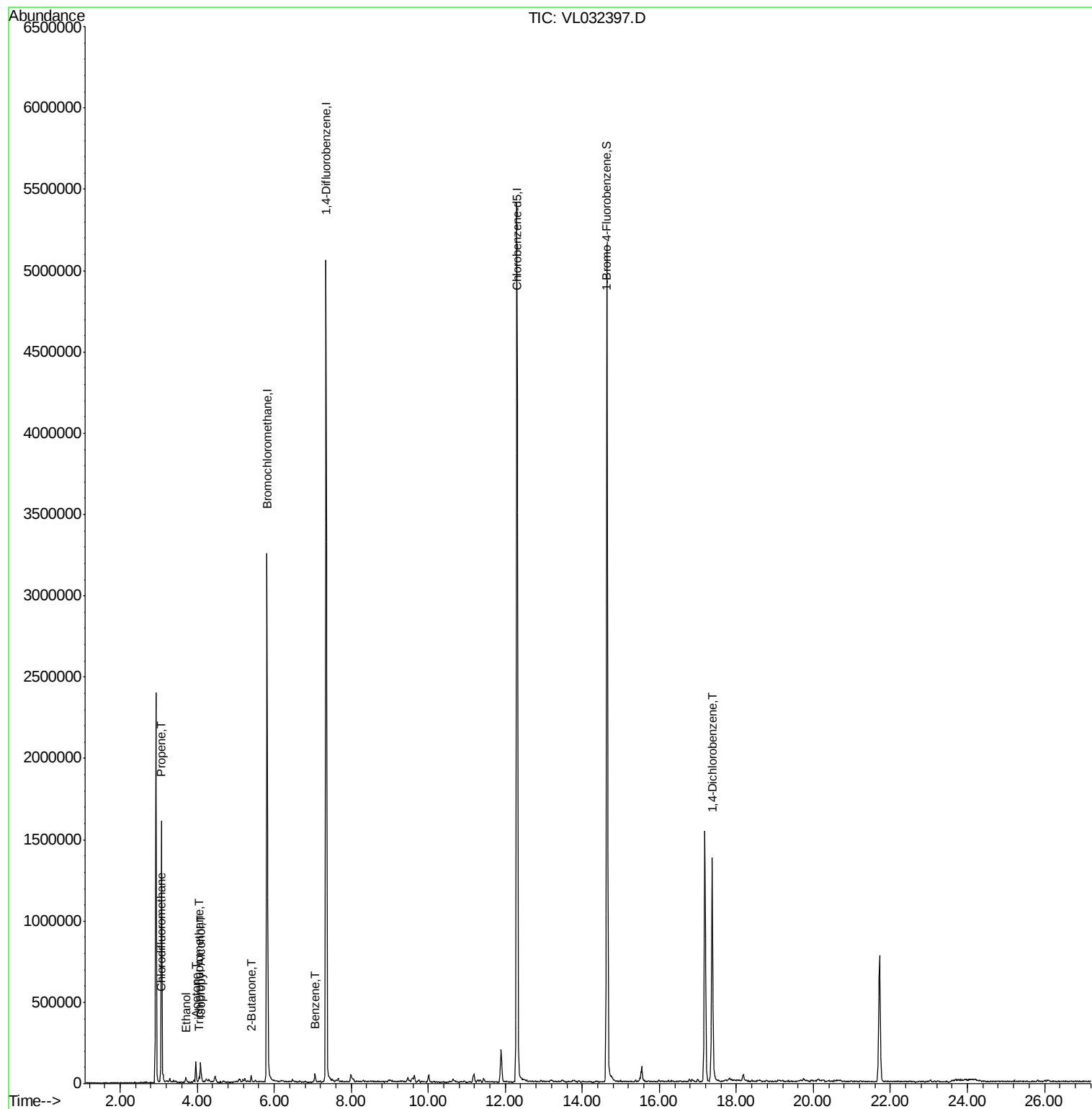
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Data File : VL032397.D
Acq On : 17 Aug 2018 4:21
Operator : SY/AP
Sample : J4472-01DUP 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

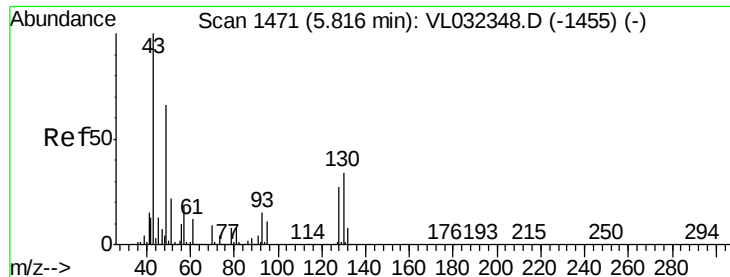
Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Quant Time: Aug 17 06:38:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.81 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VL032397.D

Acq: 17 Aug 2018 4:21

Instrument :

MSVOA_L

ClientSampleId :

SS-1DUP

Tot Ion: 49 Resp: 1749179

Ion Ratio Lower Upper

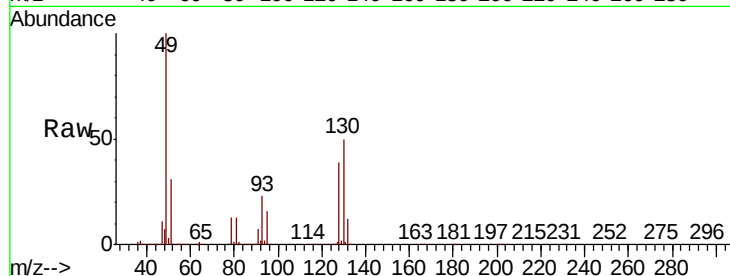
49 100

128 40.2 20.5 61.6

130 51.3 26.2 78.5

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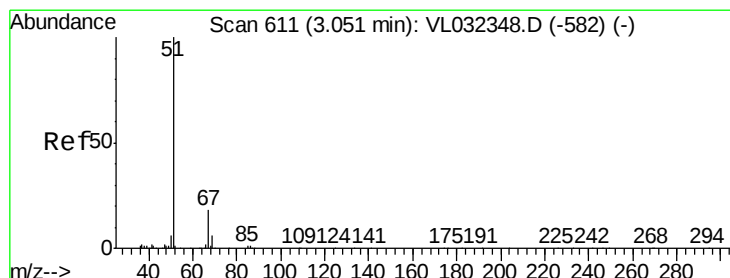
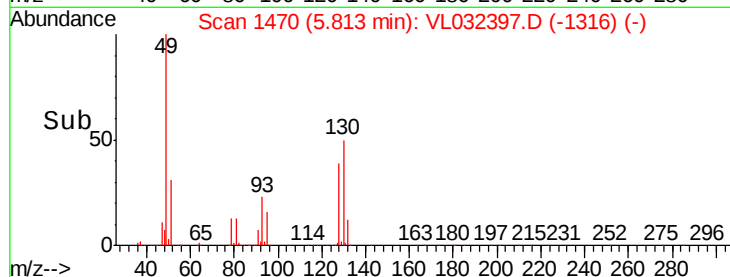
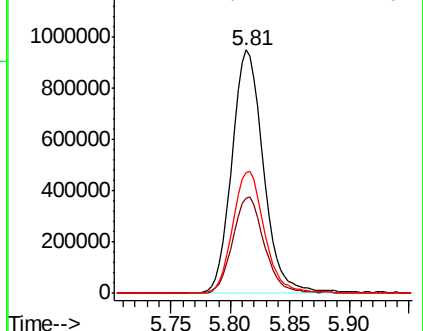
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#3

Chlorodifluoromethane

Concen: 0.15 ppbv

RT: 3.05 min Scan# 610

Delta R.T. -0.00 min

Lab File: VL032397.D

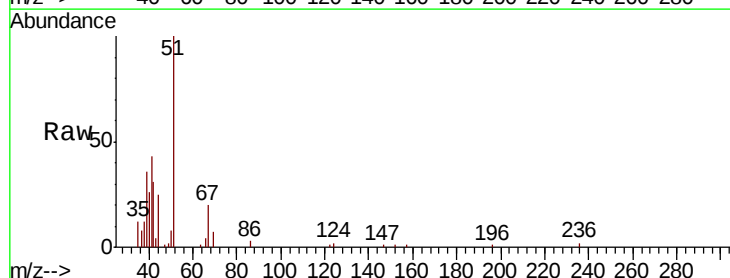
Acq: 17 Aug 2018 4:21

Tgt Ion: 51 Resp: 24467

Ion Ratio Lower Upper

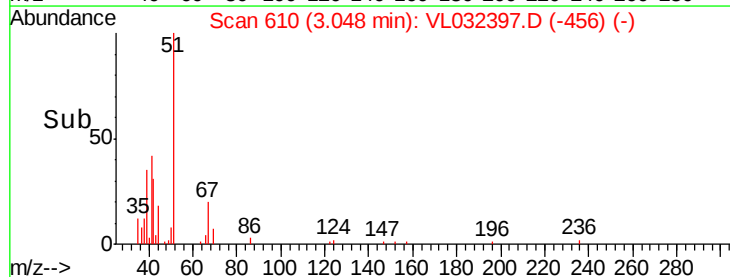
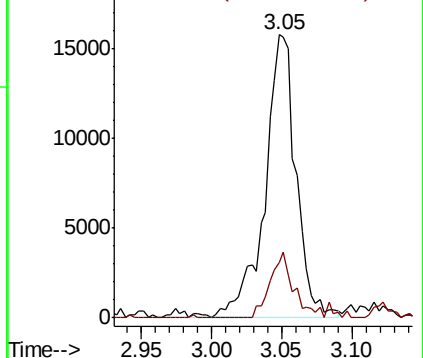
51 100

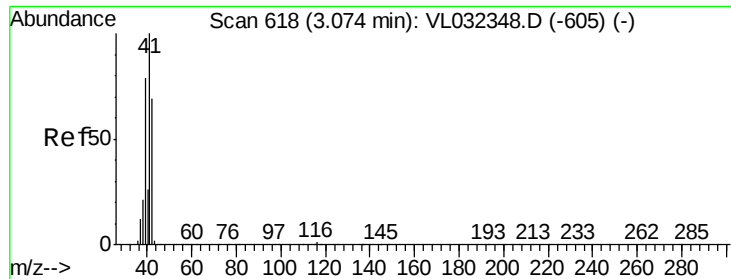
67 18.8 13.7 20.5



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





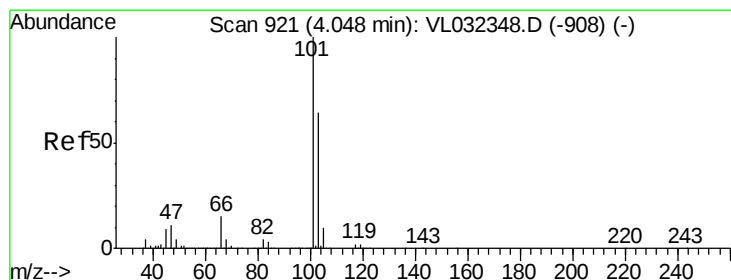
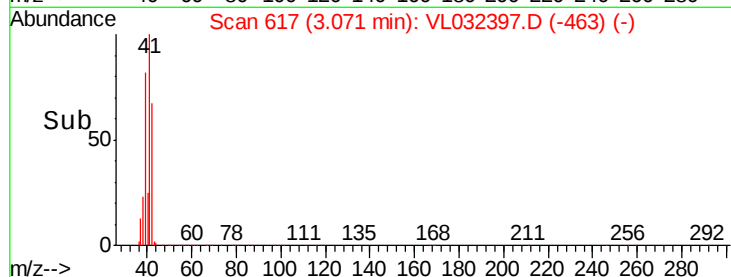
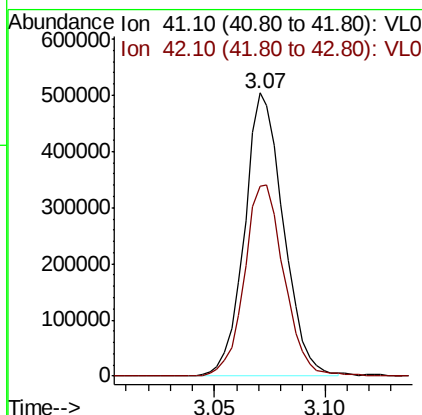
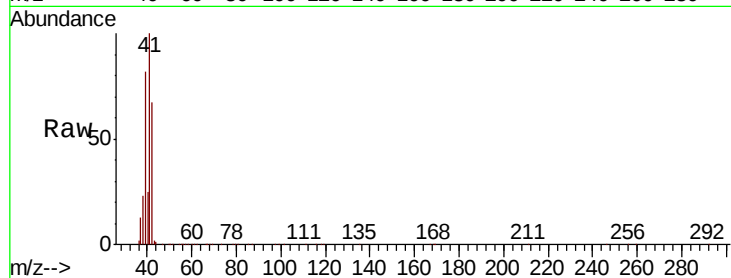
#9
 Propene
 Concen: 8.91 ppbv
 RT: 3.07 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: VL032397.D
 Acq: 17 Aug 2018 4:21

Instrument :
 MSVOA_L
 ClientSampled :
 SS-1DUP

Tot Ion	Ratio	Lower	Upper
41	100		
42	69.6	55.9	83.9

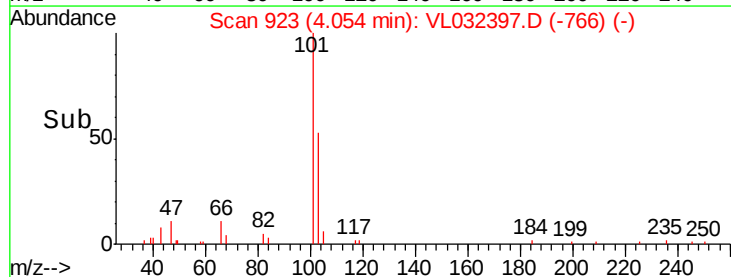
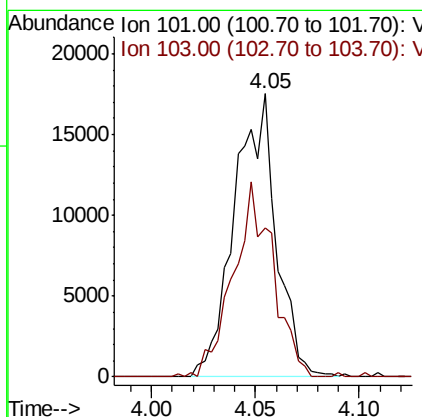
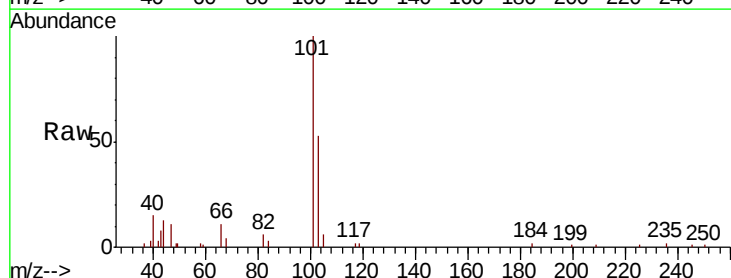
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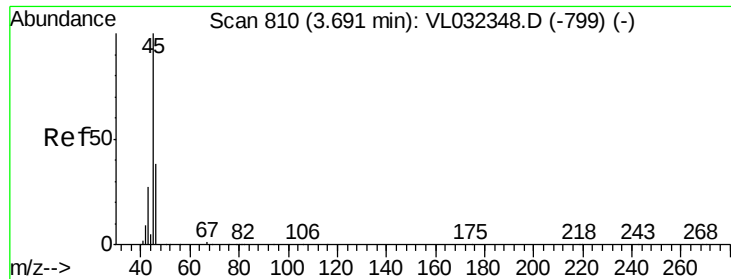
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#11
 Trichlorofluoromethane
 Concen: 0.12 ppbv m
 RT: 4.05 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VL032397.D
 Acq: 17 Aug 2018 4:21

Tgt Ion	Ratio	Lower	Upper
101	100		
103	52.8	51.4	77.0





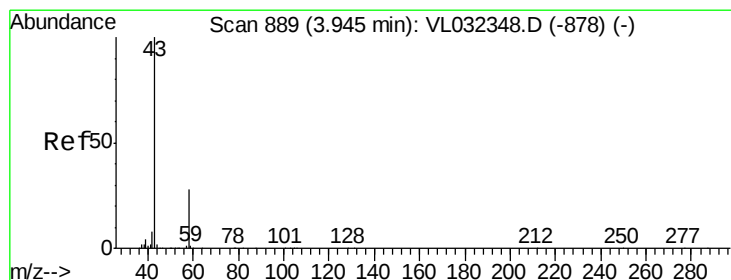
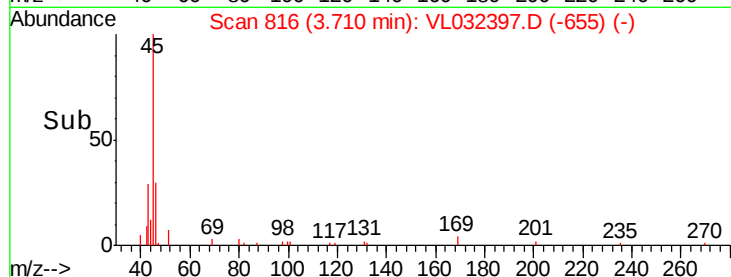
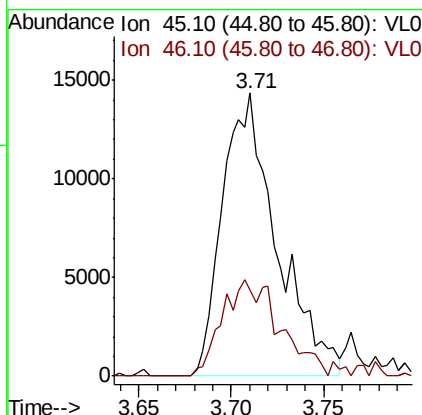
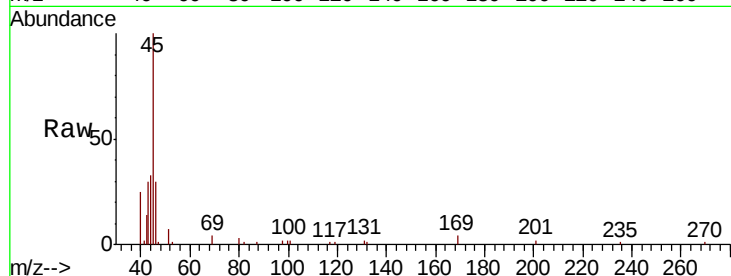
#13
Ethanol
Concen: 1.65 ppbv m
RT: 3.71 min Scan# 816
Delta R.T. 0.02 min
Lab File: VL032397.D
Acq: 17 Aug 2018 4:21

Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Tot Ion	45	Resp	29448
Ion Ratio	100	Lower	Upper
46	0.0	15.6	62.4#

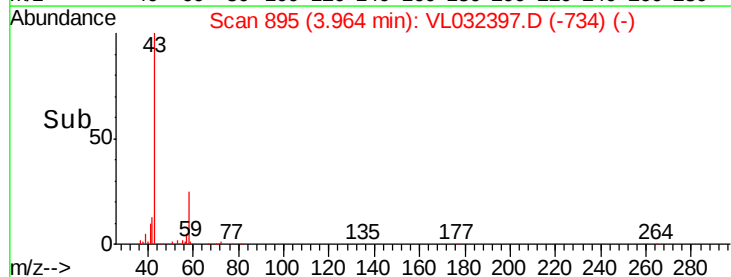
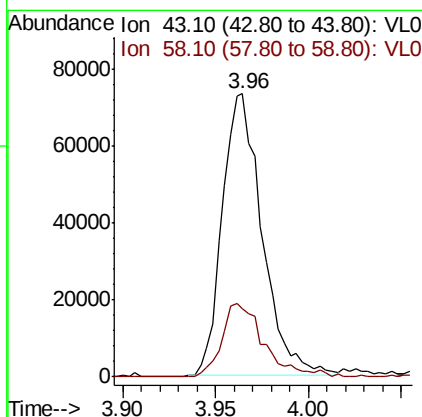
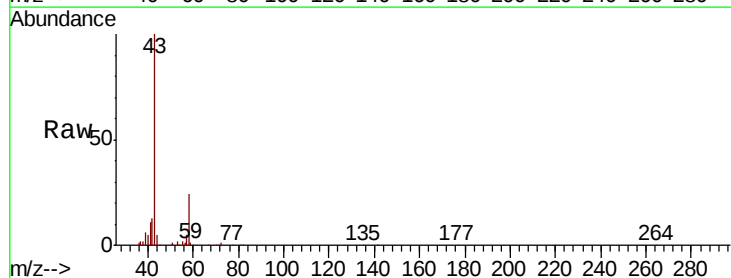
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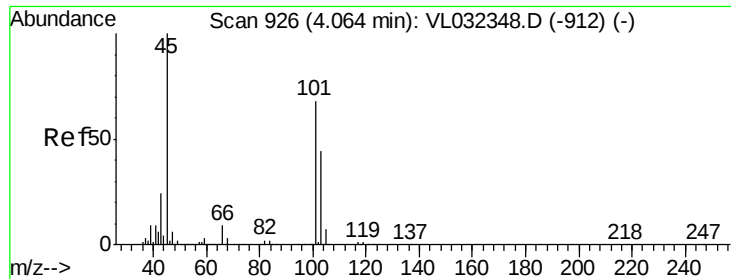
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#15
Acetone
Concen: 0.65 ppbv
RT: 3.96 min Scan# 895
Delta R.T. 0.02 min
Lab File: VL032397.D
Acq: 17 Aug 2018 4:21

Tgt Ion	43	Resp	108584
Ion Ratio	100	Lower	Upper
58	27.8	22.4	33.6





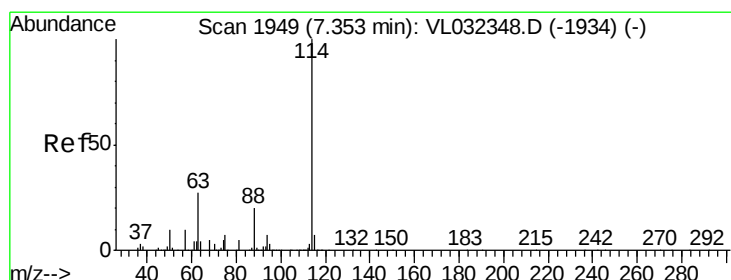
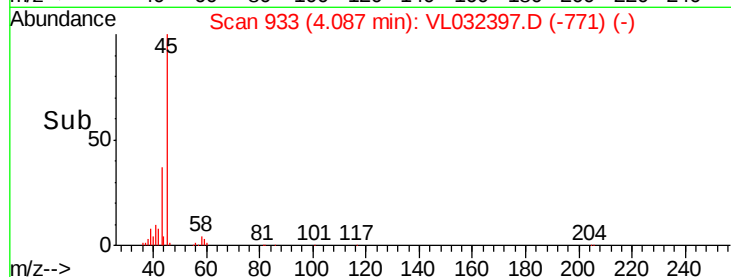
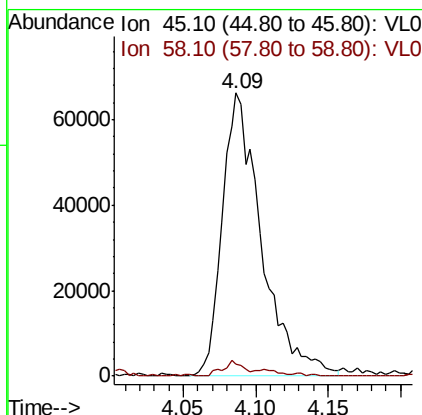
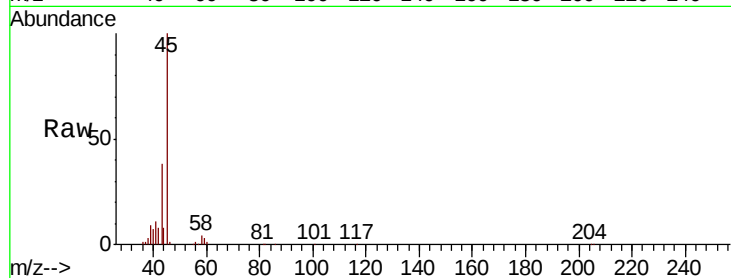
#19
Isopropyl Alcohol
Concen: 1.11 ppbv m
RT: 4.09 min Scan# 933
Delta R.T. 0.02 min
Lab File: VL032397.D
Acq: 17 Aug 2018 4:21

Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Tot Ion	45.10	Resp	123699
Ion Ratio	45	100	
Lower	4.9	1.4	
Upper	2.0		

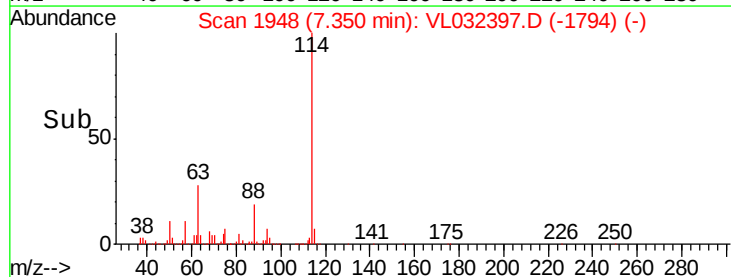
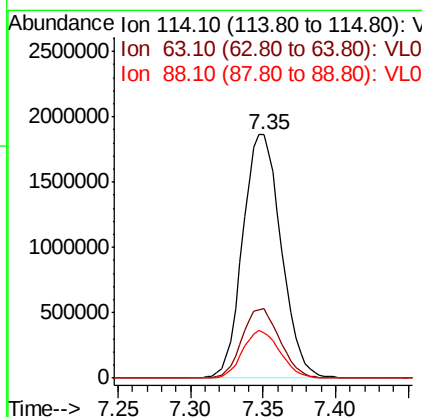
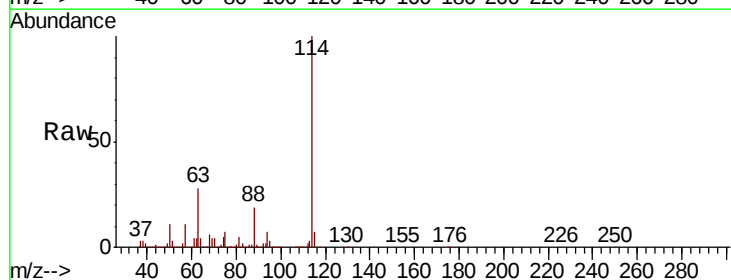
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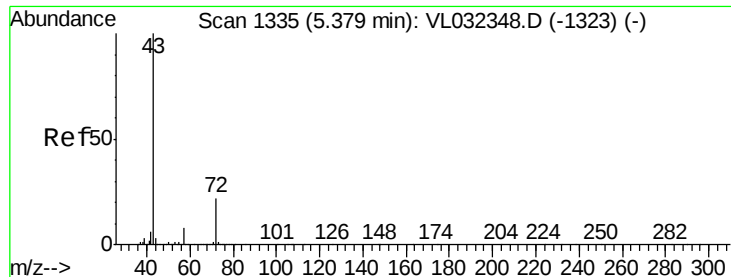
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.35 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VL032397.D
Acq: 17 Aug 2018 4:21

Tgt Ion	114	Resp	3437240
Ion Ratio	114	100	
Lower	63	28.3	22.0
Upper	88	19.1	15.3





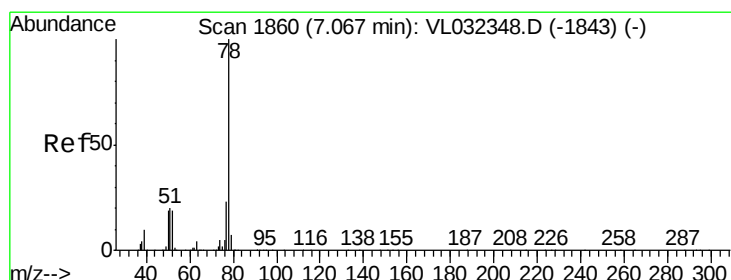
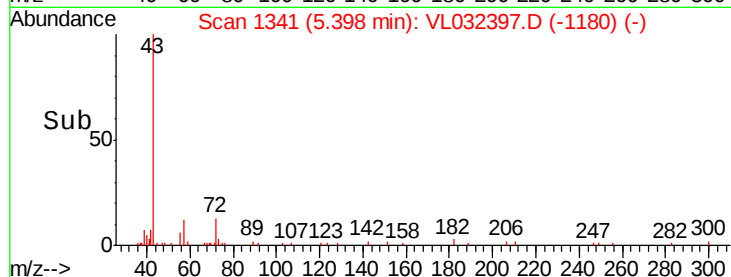
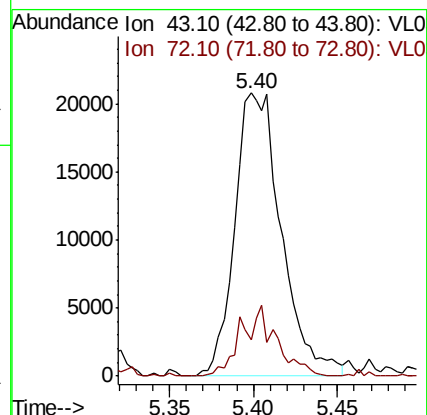
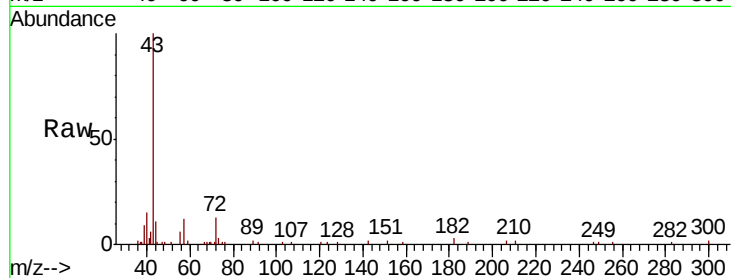
#34
2-Butanone
Concen: 0.17 ppbv m
RT: 5.40 min Scan# 1341
Delta R.T. 0.02 min
Lab File: VL032397.D
Acq: 17 Aug 2018 4:21

Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Tot Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.9	26.9#

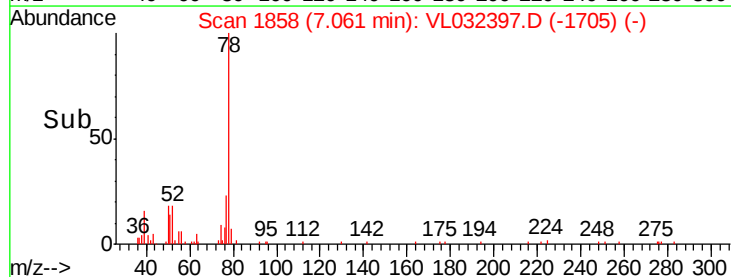
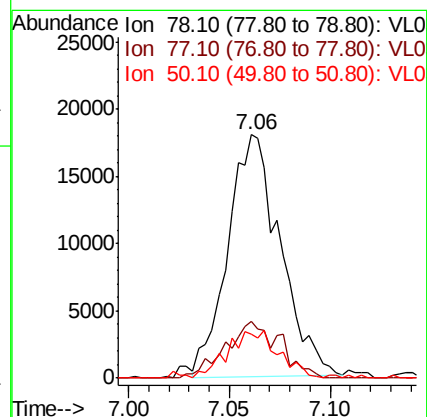
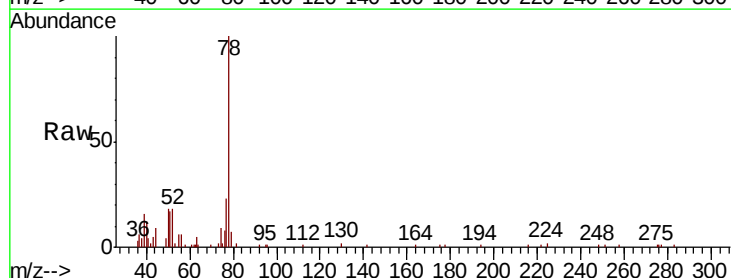
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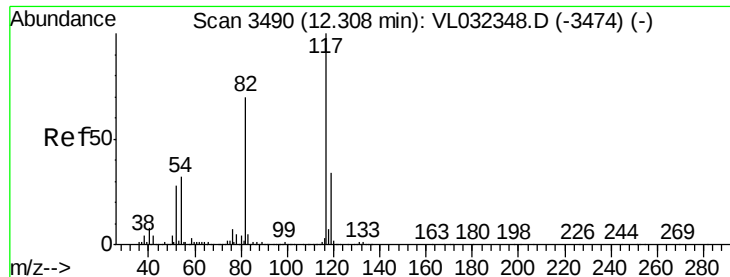
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#36
Benzene
Concen: 0.11 ppbv
RT: 7.06 min Scan# 1858
Delta R.T. -0.01 min
Lab File: VL032397.D
Acq: 17 Aug 2018 4:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.0	27.0
50	18.0	15.1	22.7





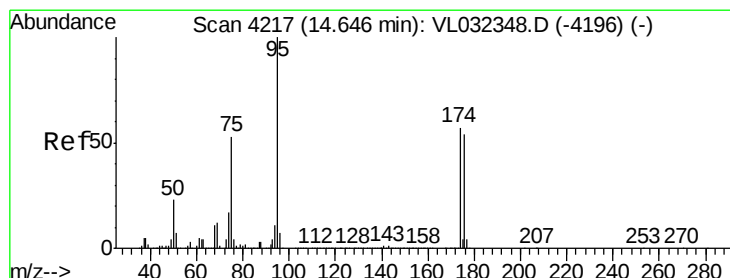
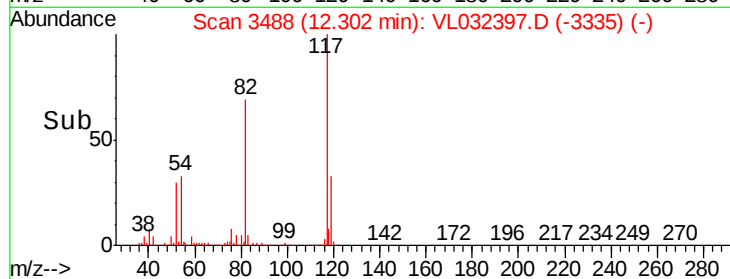
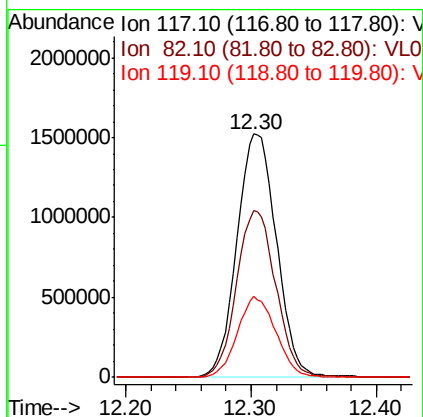
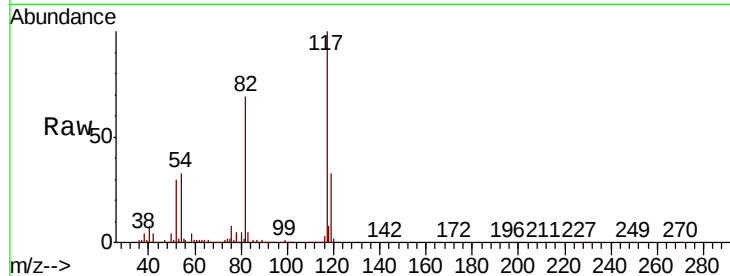
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.30 min Scan# 3488
Delta R.T. -0.01 min
Lab File: VL032397.D
Acq: 17 Aug 2018 4:21

Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.6	55.1	82.7
119	32.4	46.0	69.0

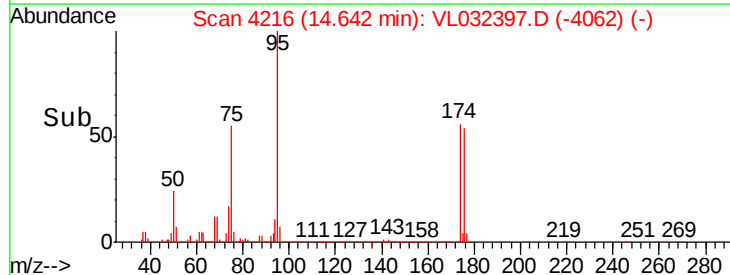
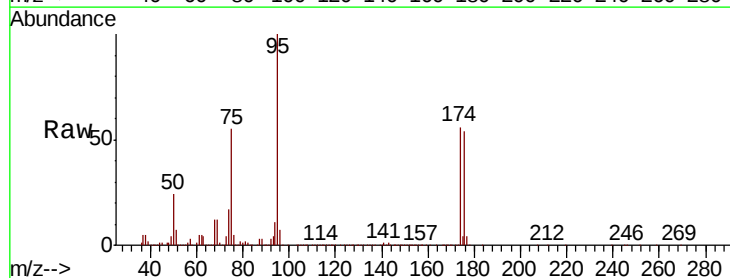
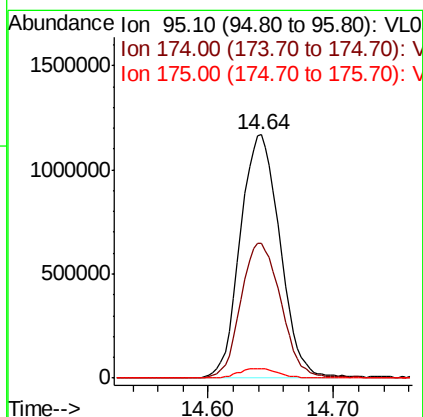
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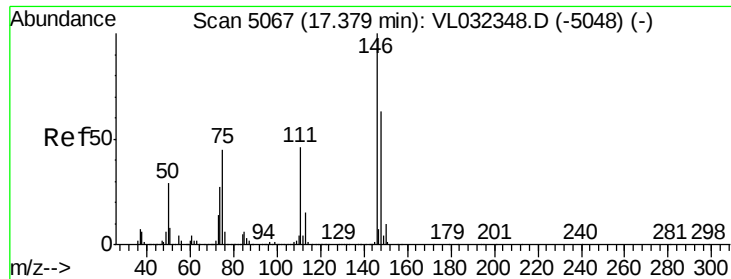
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.09 ppbv
RT: 14.64 min Scan# 4216
Delta R.T. -0.00 min
Lab File: VL032397.D
Acq: 17 Aug 2018 4:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.0	46.2	69.4
175	4.1	3.4	5.0





#76
 1,4-Dichlorobenzene
 Concen: 3.13 ppbv
 RT: 17.38 min Scan# 5066
 Delta R.T. -0.00 min
 Lab File: VL032397.D
 Acq: 17 Aug 2018 4:21

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DUP

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	47.9	23.8	71.4
148	65.8	32.2	96.6

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 8/20/2018 3:12:00 PM

