

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081618\
 Data File : VL032398.D
 Acq On : 17 Aug 2018 5:00
 Operator : SY/AP
 Sample : J4472-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL2

Manual Integrations
 APPROVED

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 8/20/2018 3:12:01 PM

Quant Time: Aug 17 06:43:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Aug 1
 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	1750104	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3411832	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.31	117	3325997	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2540181	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.07	41	130681	1.88	ppbv	99
13) Ethanol	3.71	45	8535m	0.48	ppbv	
15) Acetone	3.97	43	39913	0.24	ppbv	96
76) 1,4-Dichlorobenzene	17.37	146	141785	0.65	ppbv	96

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

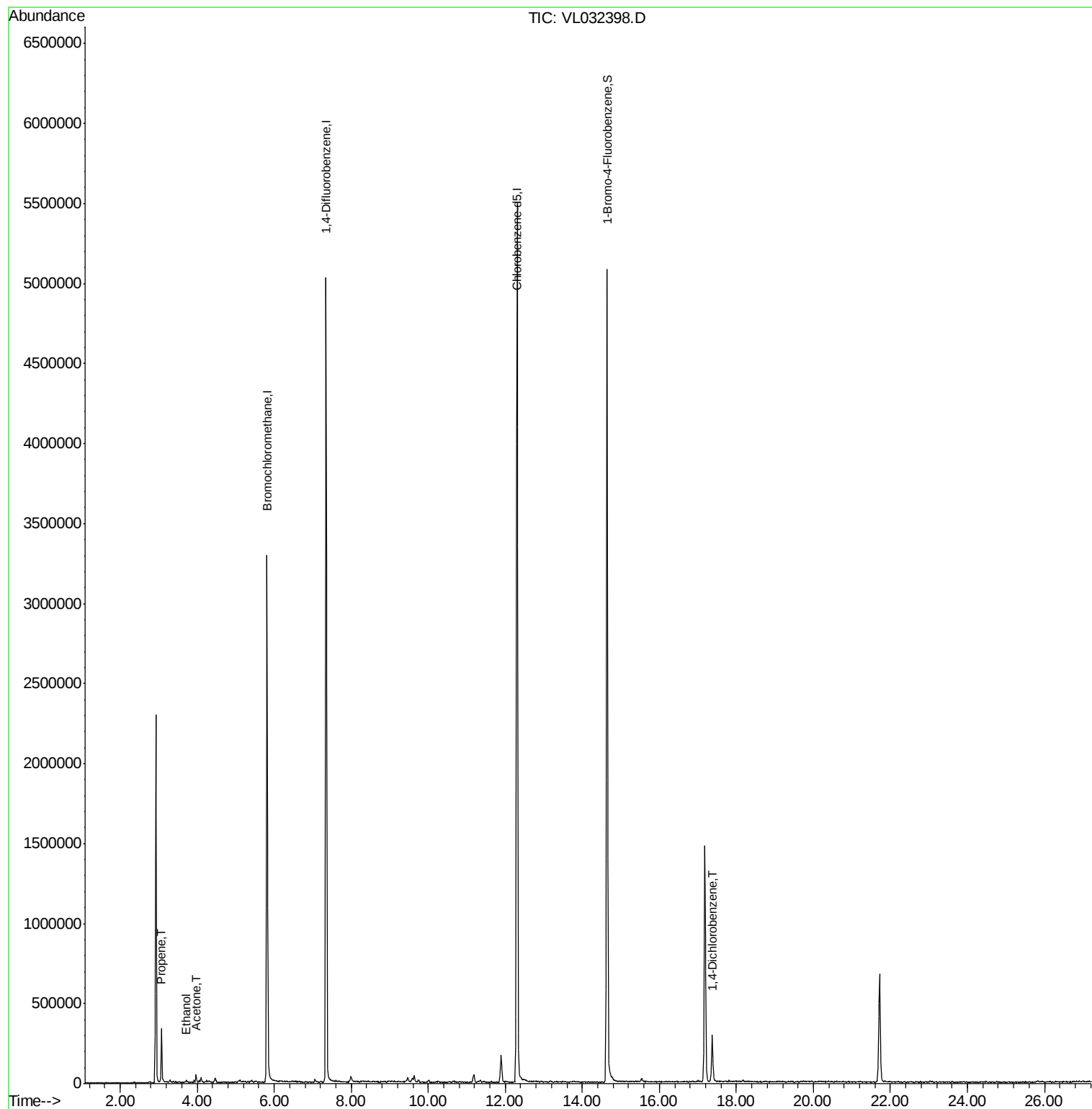
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081618\
Data File : VL032398.D
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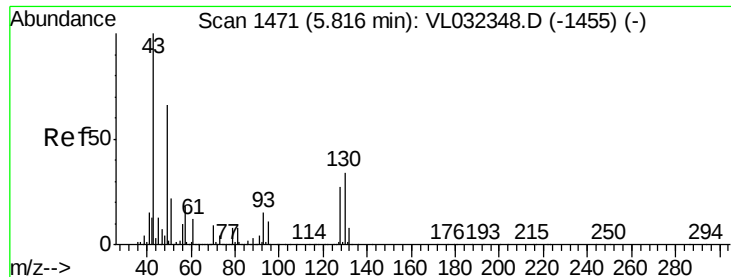
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL2

Manual Integrations
APPROVED

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8/20/2018 3:12:01 PM

Quant Time: Aug 17 06:43:26 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





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.81 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VL032398.D

Acq: 17 Aug 2018 5:00

Instrument :

MSVOA_L

ClientSampleId :

SS-1DL2

Tot Ion: 49 Resp: 1750104

Ion Ratio Lower Upper

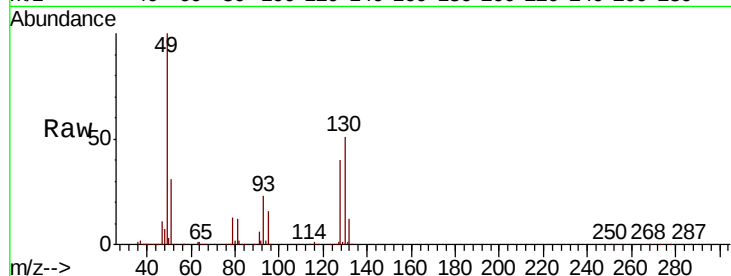
49 100

128 40.8 20.5 61.6

130 51.7 26.2 78.5

Manual Integrations
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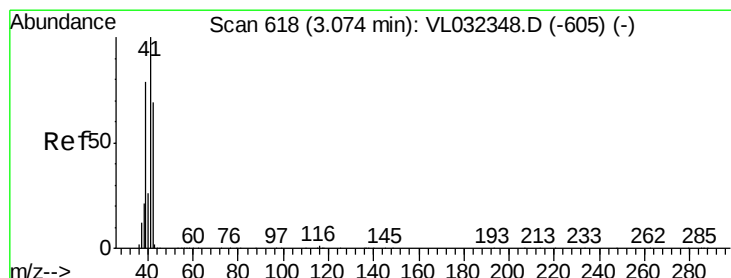
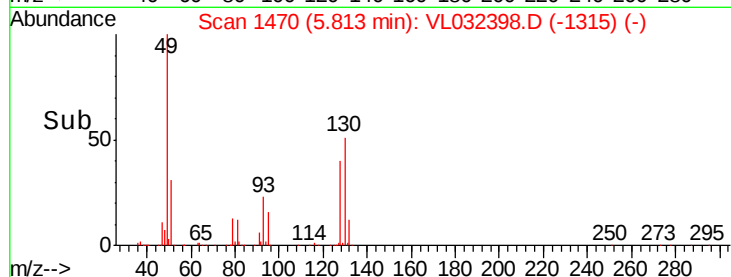
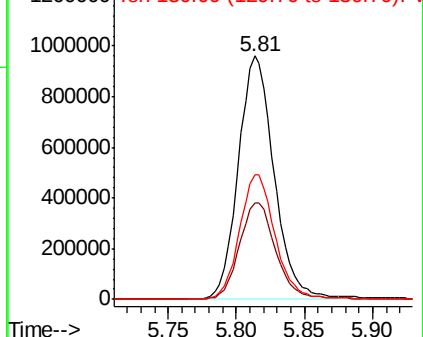


Abundance

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



#9

Propene

Concen: 1.88 ppbv

RT: 3.07 min Scan# 618

Delta R.T. 0.00 min

Lab File: VL032398.D

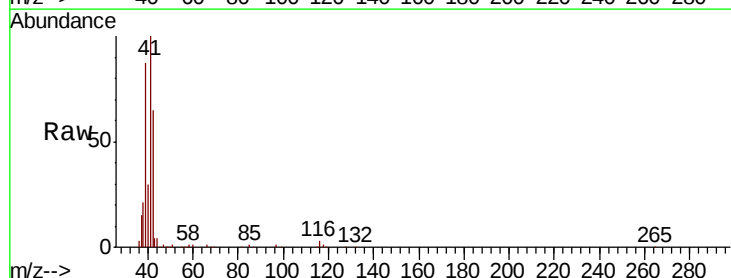
Acq: 17 Aug 2018 5:00

Tgt Ion: 41 Resp: 130681

Ion Ratio Lower Upper

41 100

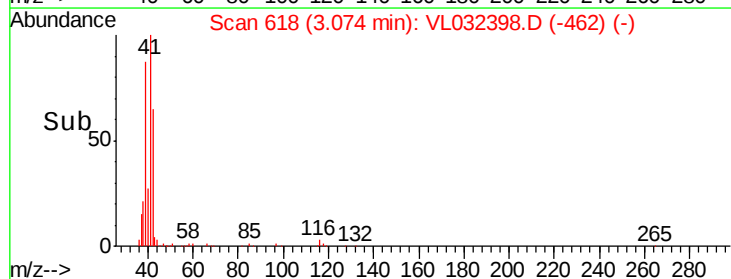
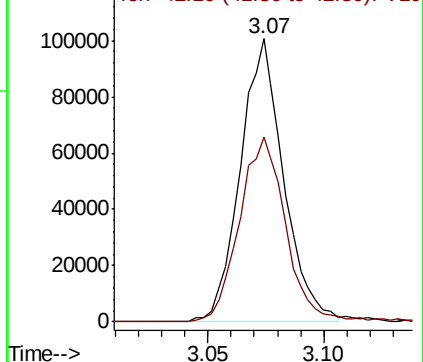
42 70.9 55.9 83.9

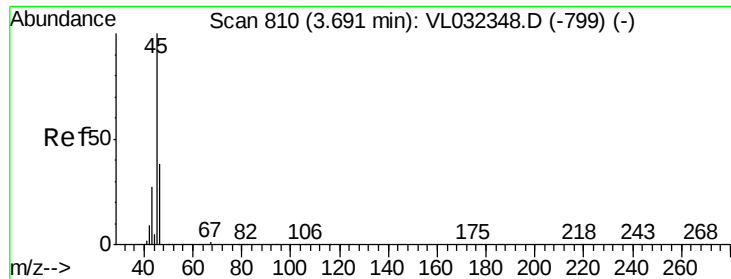


Abundance

Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





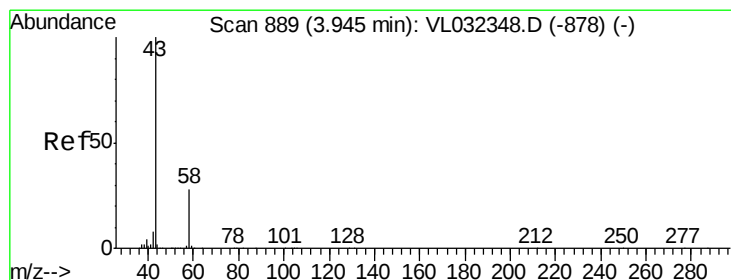
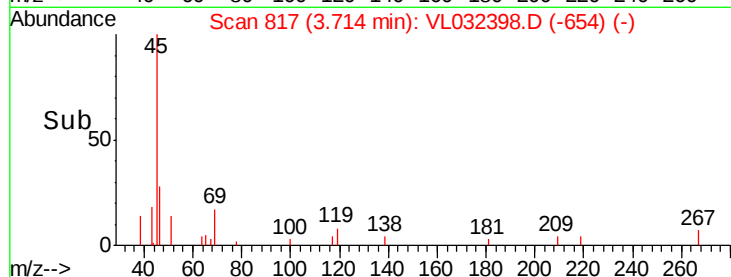
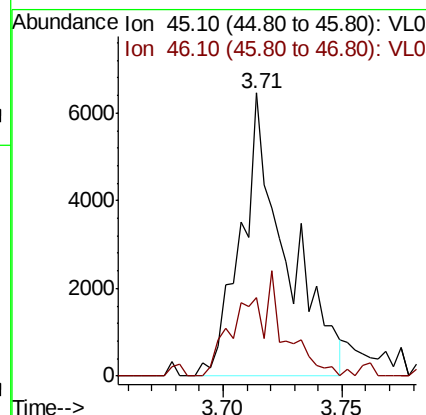
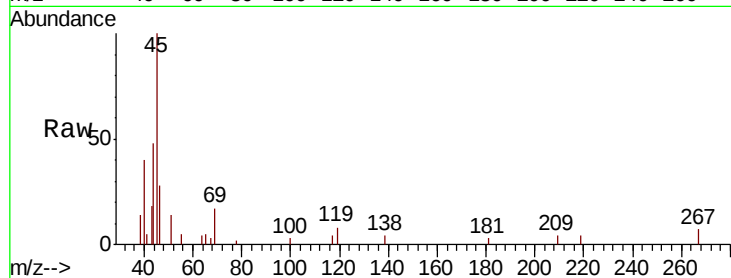
#13
Ethanol
Concen: 0.48 ppbv m
RT: 3.71 min Scan# 817
Delta R.T. 0.02 min
Lab File: VL032398.D
Acq: 17 Aug 2018 5:00

Instrument :
MSVOA_L
ClientSampleId :
SS-1DL2

Tot Ion	45	Resp	8535
Ion Ratio	100	Lower	Upper
46	37.7	15.6	62.4

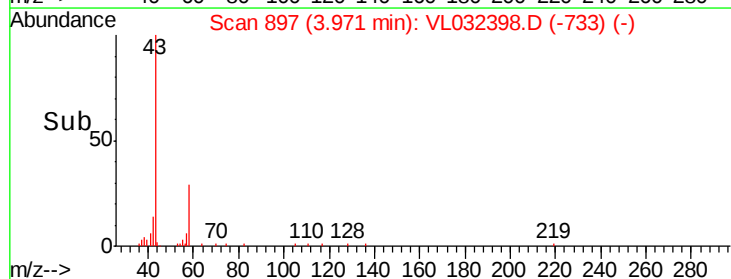
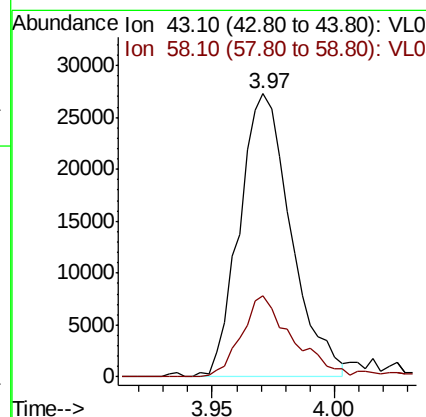
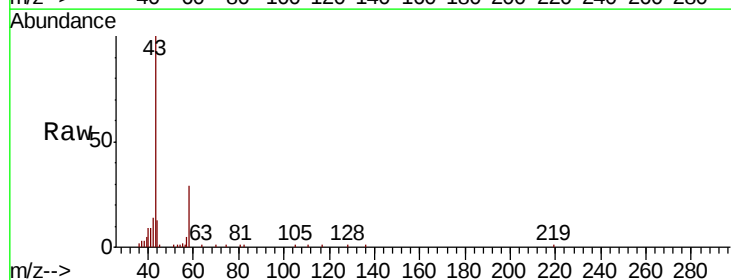
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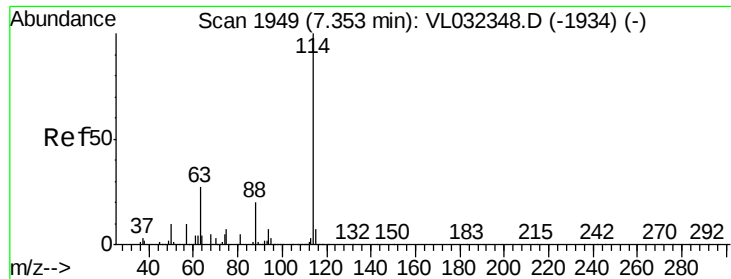
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#15
Acetone
Concen: 0.24 ppbv
RT: 3.97 min Scan# 897
Delta R.T. 0.03 min
Lab File: VL032398.D
Acq: 17 Aug 2018 5:00

Tgt Ion	43	Resp	39913
Ion Ratio	100	Lower	Upper
58	30.1	22.4	33.6





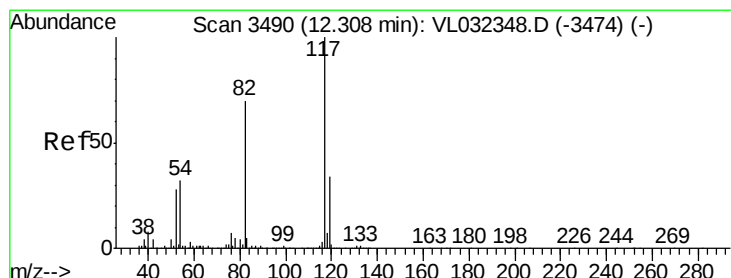
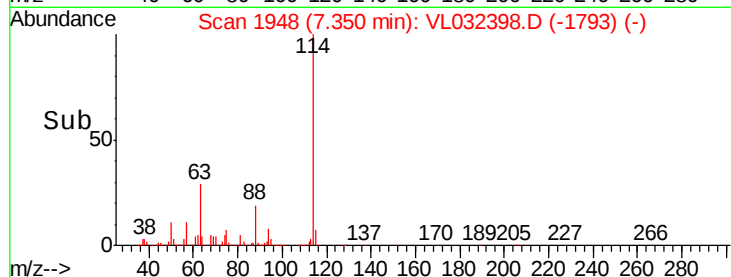
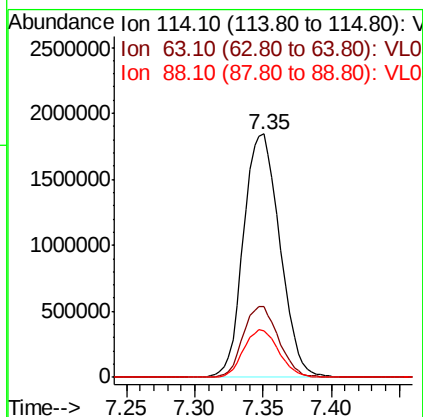
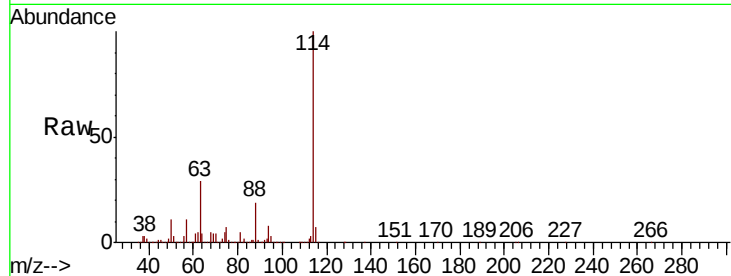
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.35 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: VL032398.D
 Acq: 17 Aug 2018 5:00

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.6	22.0	33.0
88	19.1	15.3	22.9

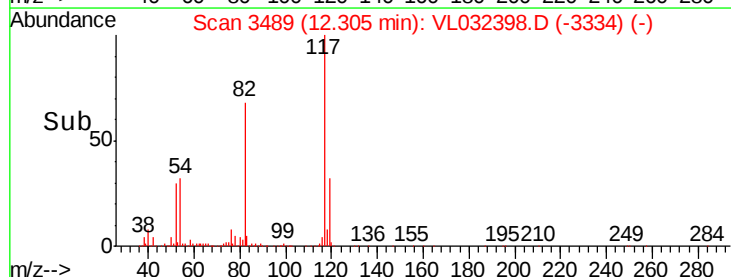
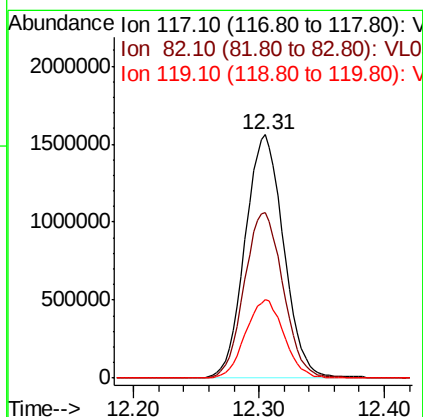
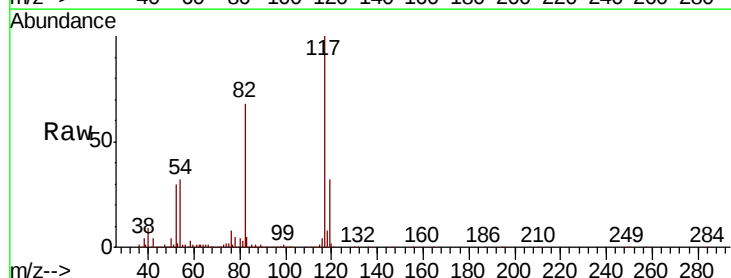
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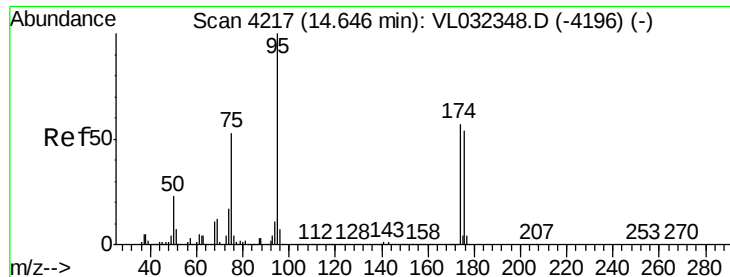
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#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.31 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VL032398.D
 Acq: 17 Aug 2018 5:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.0	55.1	82.7
119	32.4	46.0	69.0#





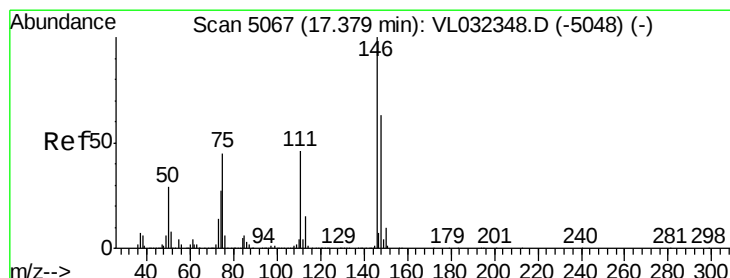
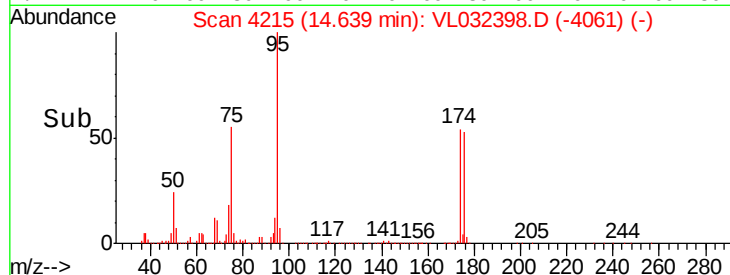
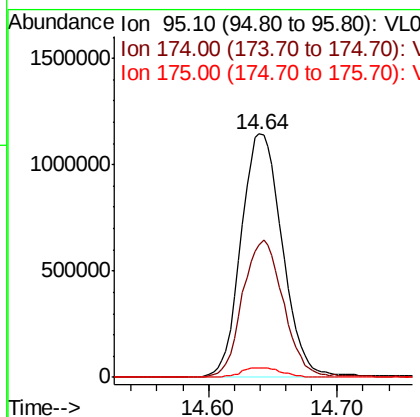
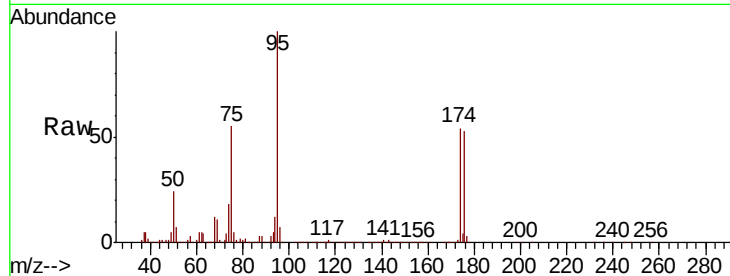
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.01 ppbv
 RT: 14.64 min Scan# 4215
 Delta R.T. -0.01 min
 Lab File: VL032398.D
 Acq: 17 Aug 2018 5:00

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL2

Tot Ion: 95 Resp: 2540181
 Ion Ratio Lower Upper
 95 100
 174 57.0 46.2 69.4
 175 4.0 3.4 5.0

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#76
 1,4-Dichlorobenzene
 Concen: 0.65 ppbv
 RT: 17.37 min Scan# 5065
 Delta R.T. -0.01 min
 Lab File: VL032398.D
 Acq: 17 Aug 2018 5:00

Tgt Ion: 146 Resp: 141785
 Ion Ratio Lower Upper
 146 100
 111 49.4 23.8 71.4
 148 67.9 32.2 96.6

