

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032942.D
 Acq On : 7 Dec 2018 19:51
 Operator : SY/AP
 Sample : J6262-06DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA4DL

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:09:19 AM

Quant Time: Dec 10 20:47:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1385070	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3425736	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3277904	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2500265	10.32	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.05	41	12493m	0.301	ppbv	
13) Ethanol	3.65	45	458072	32.076	ppbv	96
15) Acetone	3.90	43	1389923	11.691	ppbv	99
19) Isopropyl Alcohol	4.02	45	960670	12.867	ppbv	99
25) Ethyl Acetate	5.77	43	220973m	0.787	ppbv	
26) Hexane	5.78	57	64775	0.500	ppbv #	49
34) 2-Butanone	5.34	43	20185	0.135	ppbv	96
43) Methyl Methacrylate	8.14	69	737303m	7.897	ppbv	
52) Tetrachloroethene	11.37	164	17429m	0.190	ppbv	

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

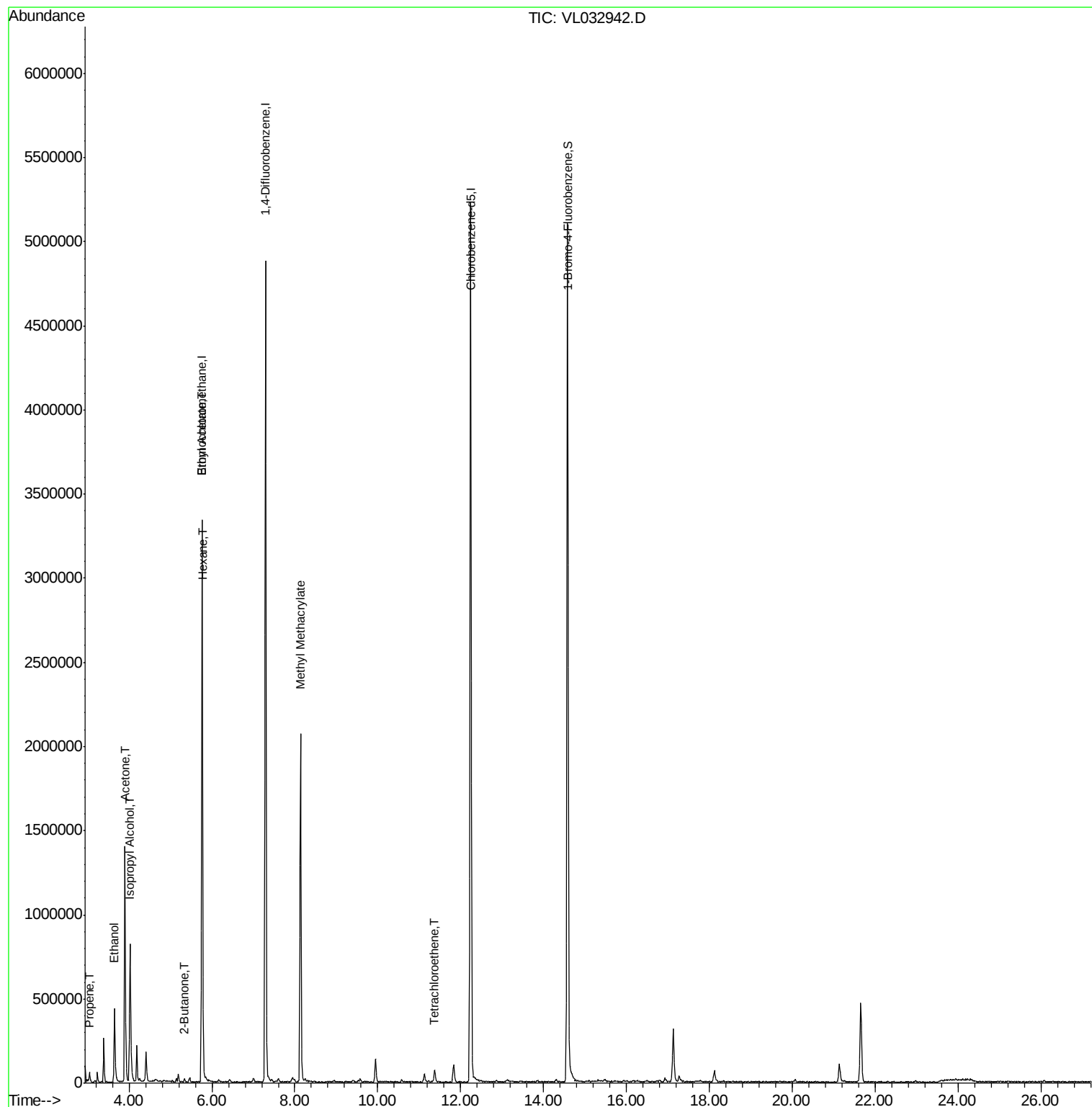
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
Data File : VL032942.D
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Quant Time: Dec 10 20:47:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.01 min

Lab File: VL032942.D

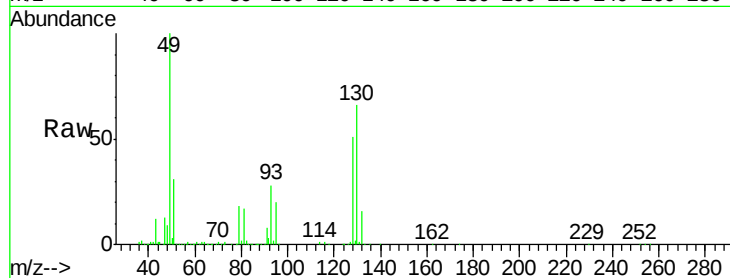
Acq: 7 Dec 2018 19:51

Instrument :

MSVOA_L

ClientSampled :

IA4DL



Tgt Ion: 49 Resp: 1385070

Ion Ratio Lower Upper

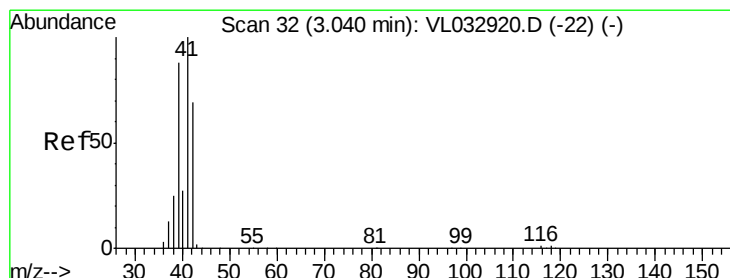
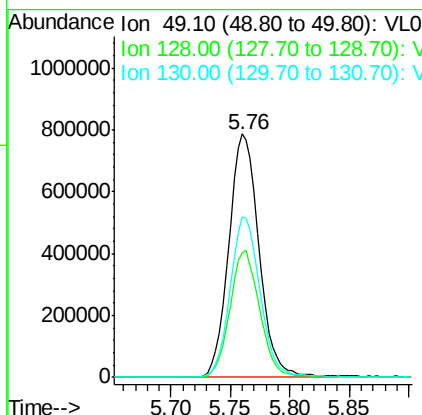
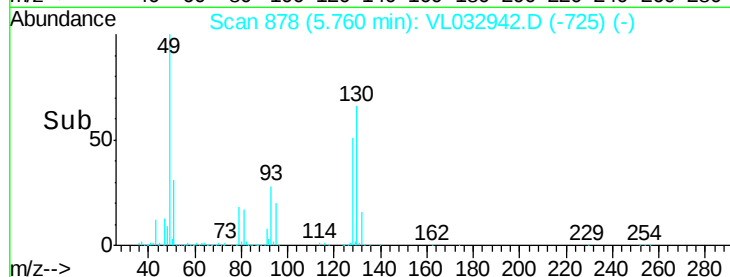
49 100

128 51.9 26.3 78.8

130 66.3 33.9 101.7

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#9

Propene

Concen: 0.301 ppbv m

RT: 3.05 min Scan# 36

Delta R.T. 0.01 min

Lab File: VL032942.D

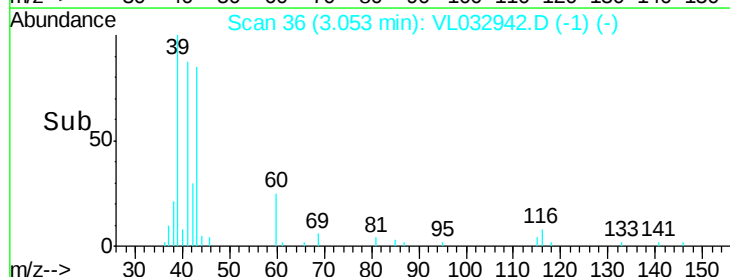
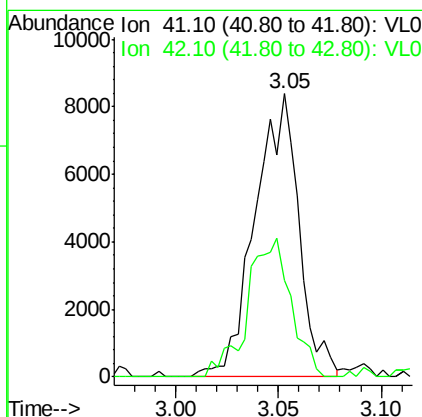
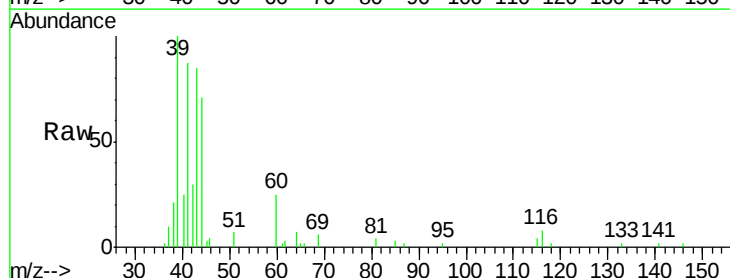
Acq: 7 Dec 2018 19:51

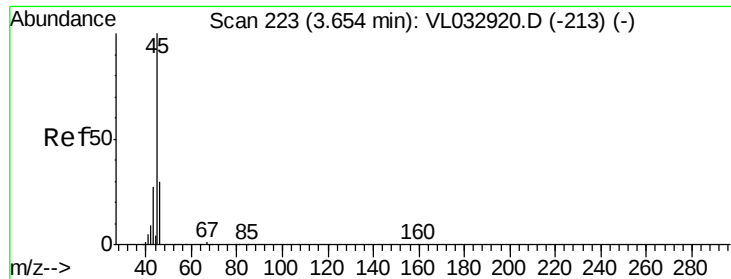
Tgt Ion: 41 Resp: 12493

Ion Ratio Lower Upper

41 100

42 89.2 56.2 84.2#





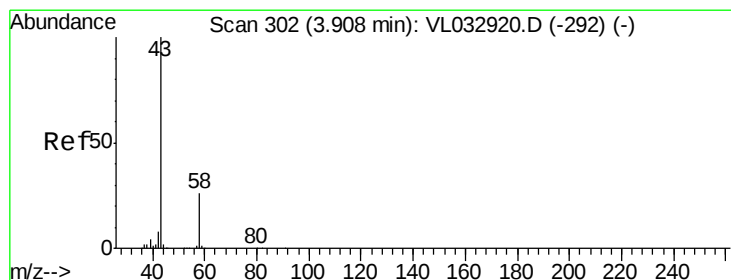
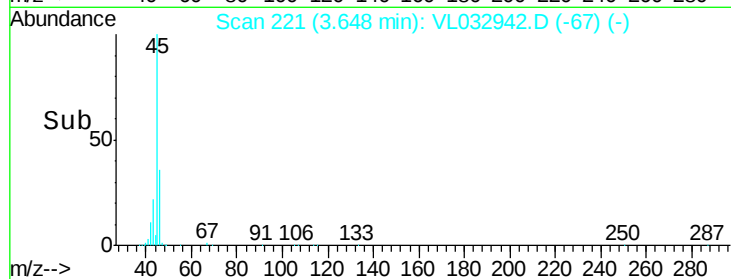
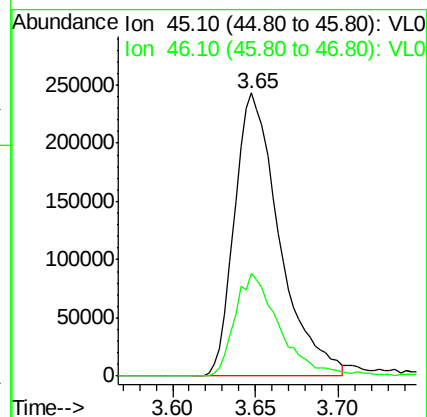
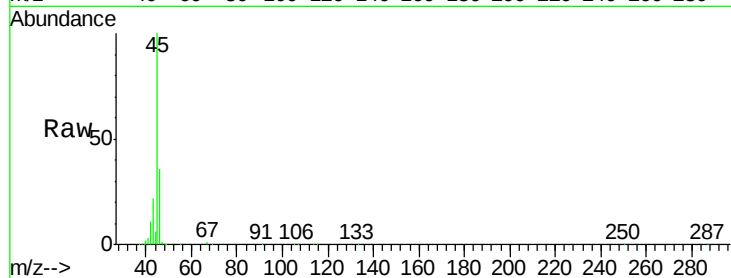
#13
Ethanol
Concen: 32.076 ppbv
RT: 3.65 min Scan# 221
Delta R.T. -0.01 min
Lab File: VL032942.D
Acq: 7 Dec 2018 19:51

Instrument :
MSVOA_L
ClientSampleId :
IA4DL

Tgt Ion: 45 Resp: 458072
Ion Ratio Lower Upper
45 100
46 37.0 13.8 55.4

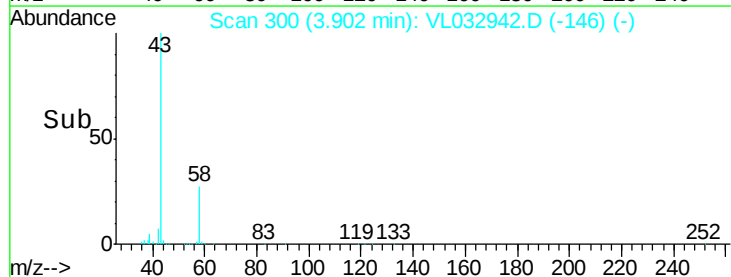
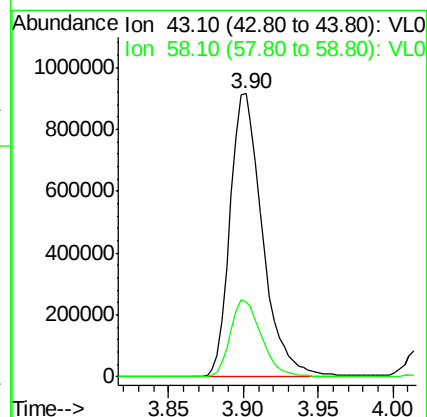
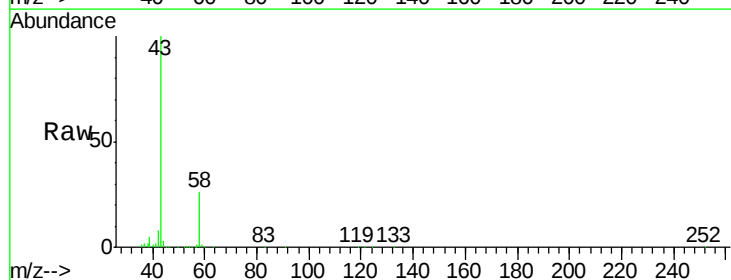
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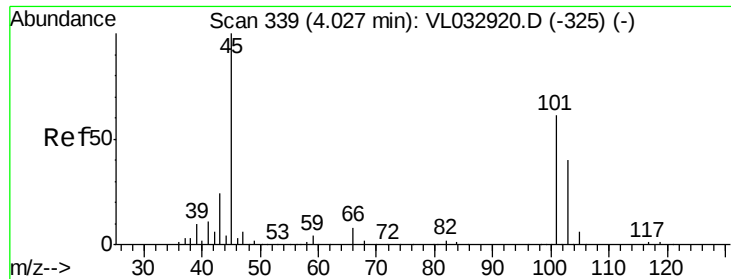
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#15
Acetone
Concen: 11.691 ppbv
RT: 3.90 min Scan# 300
Delta R.T. -0.01 min
Lab File: VL032942.D
Acq: 7 Dec 2018 19:51

Tgt Ion: 43 Resp: 1389923
Ion Ratio Lower Upper
43 100
58 26.2 20.6 30.8





#19

Isopropyl Alcohol

Concen: 12.867 ppbv

RT: 4.02 min Scan# 338

Delta R.T. -0.00 min

Lab File: VL032942.D

Acq: 7 Dec 2018 19:51

Instrument :

MSVOA_L

ClientSampleId :

IA4DL

Tgt Ion: 45 Resp: 960670

Ion Ratio Lower Upper

45 100

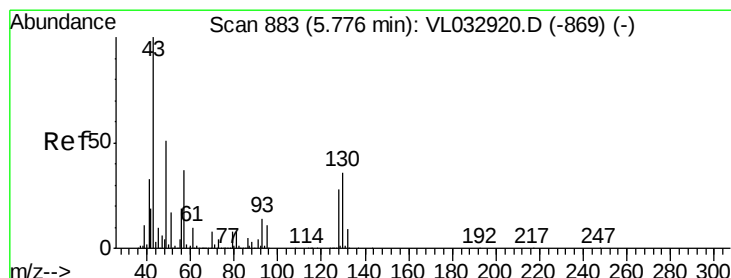
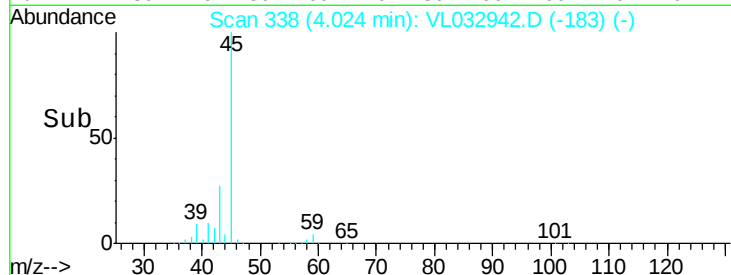
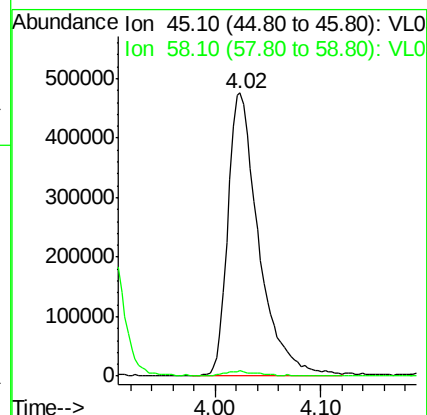
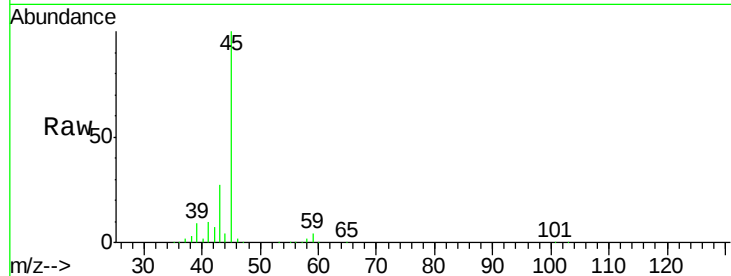
58 2.0 1.4 2.2

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#25

Ethyl Acetate

Concen: 0.787 ppbv m

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032942.D

Acq: 7 Dec 2018 19:51

Tgt Ion: 43 Resp: 220973

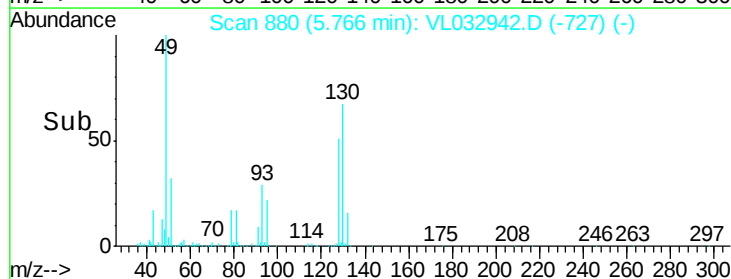
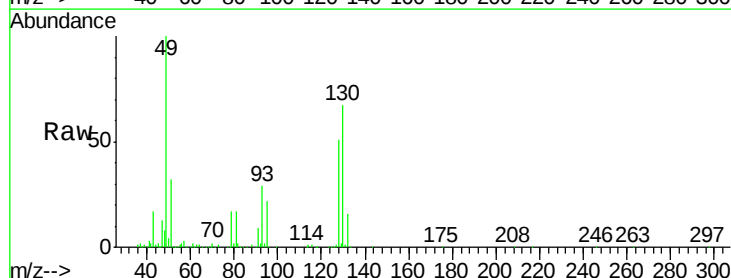
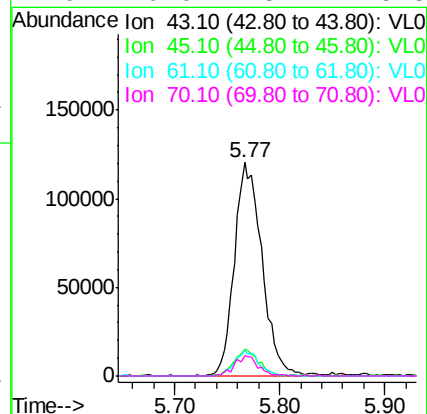
Ion Ratio Lower Upper

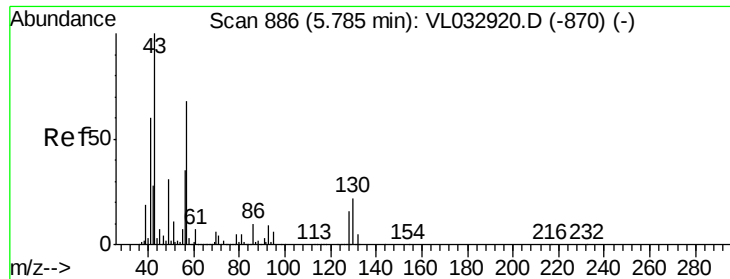
43 100

45 0.0 7.8 11.6#

61 0.0 7.4 11.2#

70 0.0 5.7 8.5#





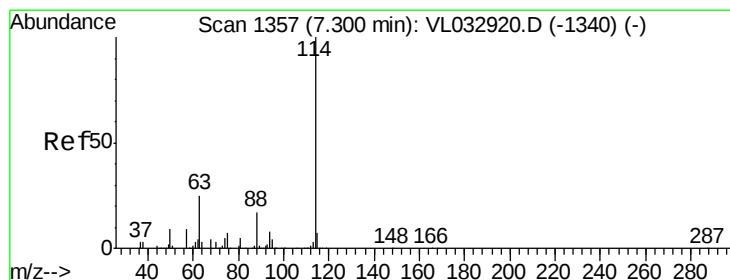
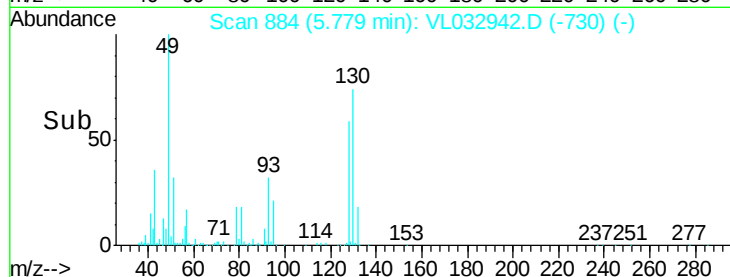
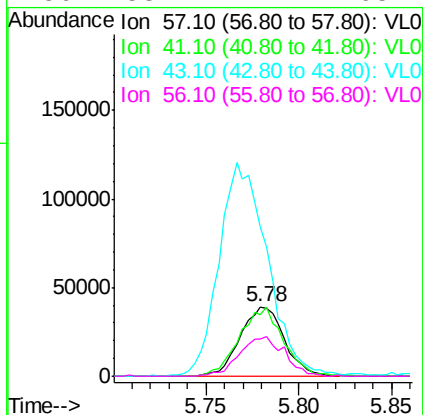
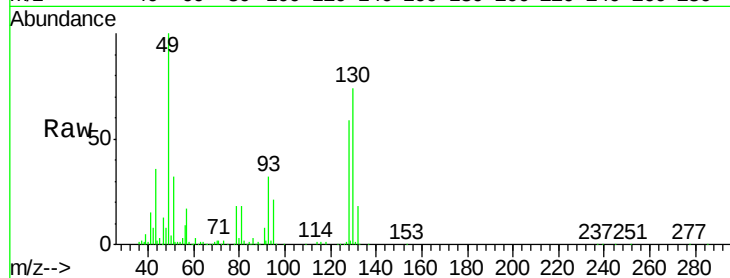
#26
Hexane
Concen: 0.500 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.01 min
Lab File: VL032942.D
Acq: 7 Dec 2018 19:51

Instrument :
MSVOA_L
ClientSampled :
IA4DL

Tgt Ion: 57 Resp: 64775
Ion Ratio Lower Upper
57 100
41 100.0 72.2 108.2
43 339.6 171.9 257.9#
56 58.4 42.2 63.2

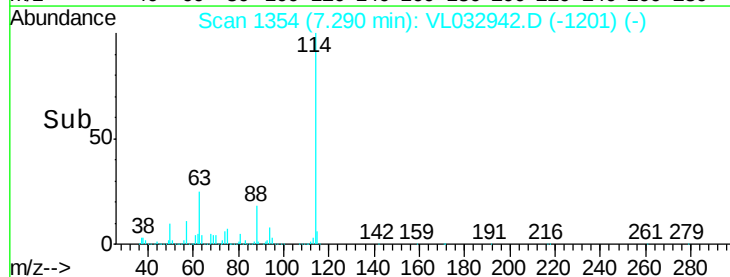
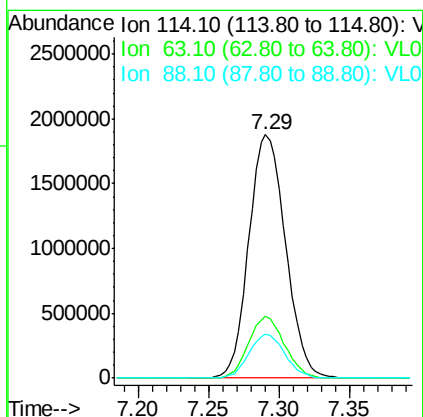
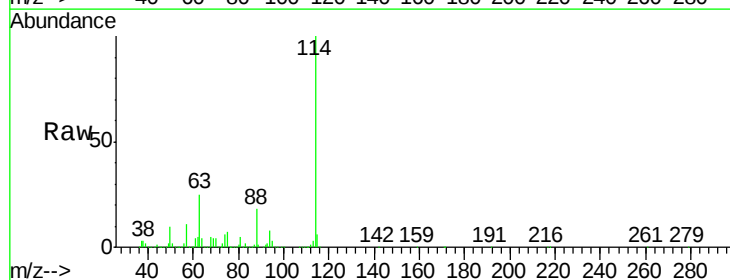
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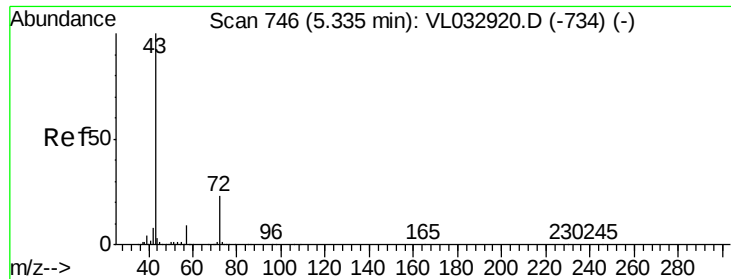
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL032942.D
Acq: 7 Dec 2018 19:51

Tgt Ion: 114 Resp: 3425736
Ion Ratio Lower Upper
114 100
63 25.0 20.1 30.1
88 17.7 14.2 21.4





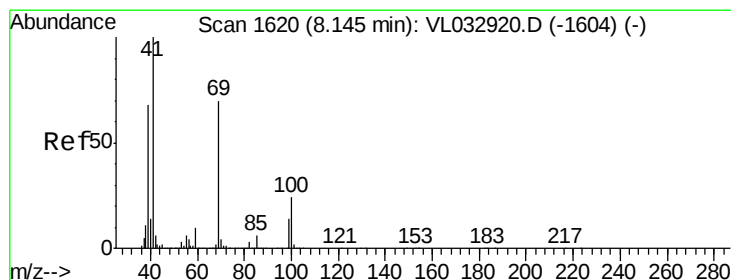
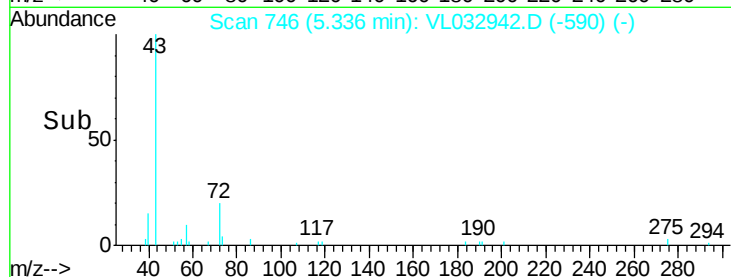
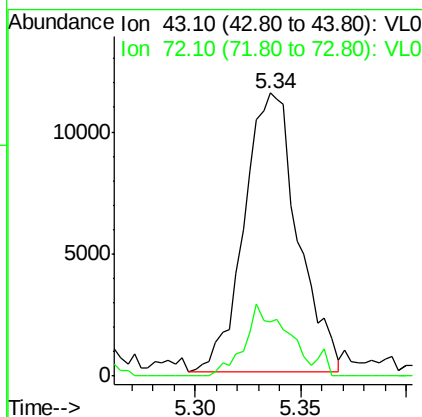
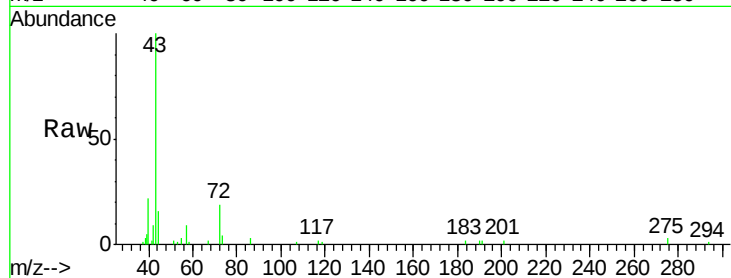
#34
2-Butanone
Concen: 0.135 ppbv
RT: 5.34 min Scan# 746
Delta R.T. 0.00 min
Lab File: VL032942.D
Acq: 7 Dec 2018 19:51

Instrument :
MSVOA_L
ClientSampled :
IA4DL

Tgt Ion: 43 Resp: 20185
Ion Ratio Lower Upper
43 100
72 21.8 18.8 28.2

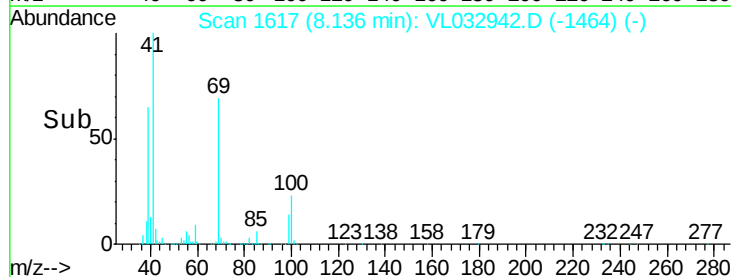
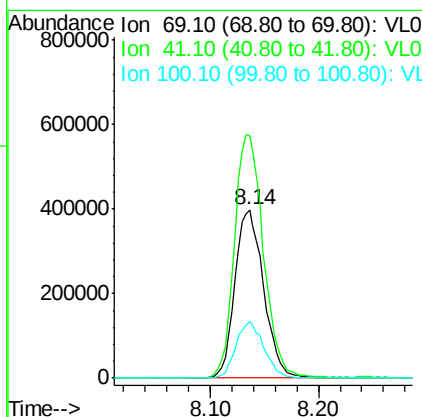
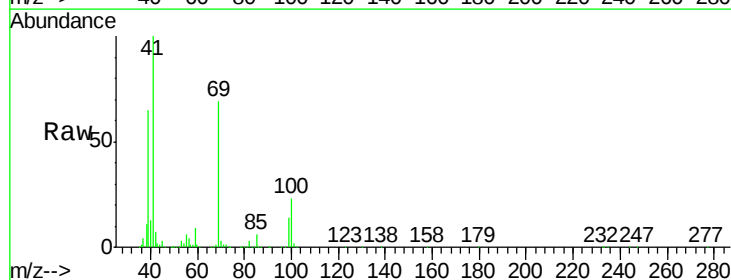
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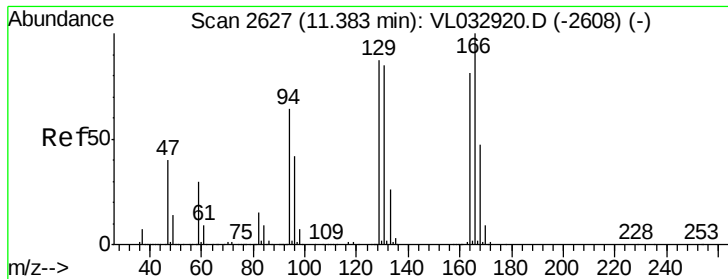
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#43
Methyl Methacrylate
Concen: 7.897 ppbv m
RT: 8.14 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VL032942.D
Acq: 7 Dec 2018 19:51

Tgt Ion: 69 Resp: 737303
Ion Ratio Lower Upper
69 100
41 0.0 116.6 175.0#
100 0.0 26.5 39.7#





#52

Tetrachloroethene

Concen: 0.190 ppbv m

RT: 11.37 min Scan# 2622

Delta R.T. -0.02 min

Lab File: VL032942.D

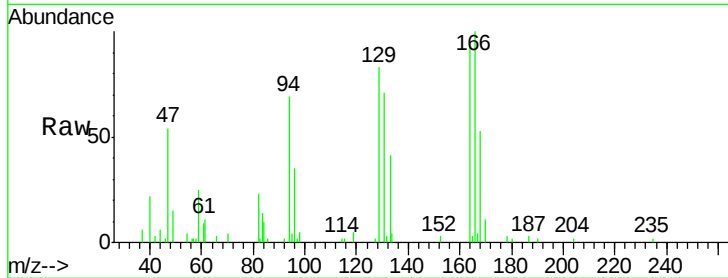
Acq: 7 Dec 2018 19:51

Instrument :

MSVOA_L

ClientSampleId :

IA4DL



Tgt Ion:164 Resp: 17429

Ion Ratio Lower Upper

164 100

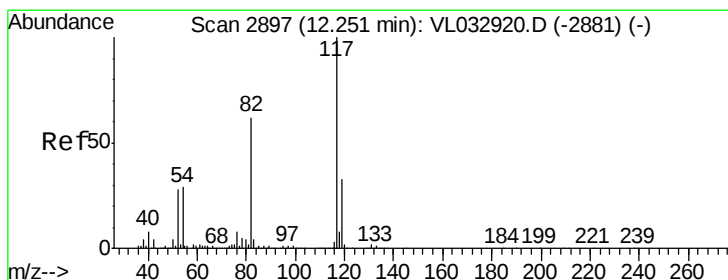
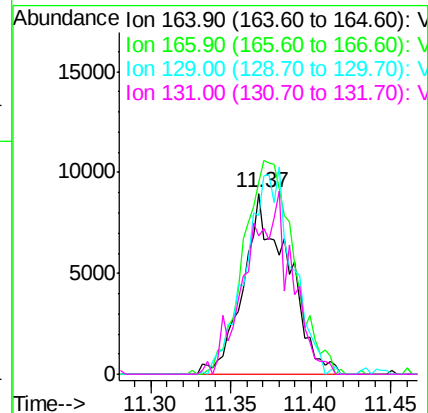
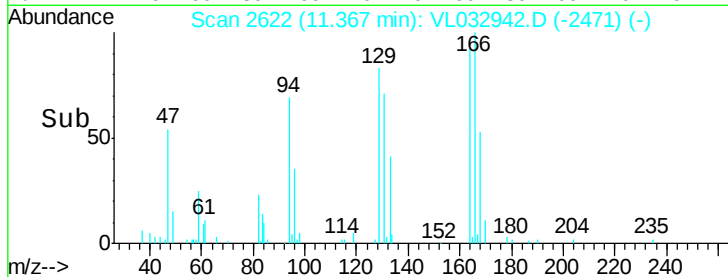
166 106.5 98.8 148.2

129 88.1 85.5 128.3

131 76.1 84.4 126.6#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL032942.D

Acq: 7 Dec 2018 19:51

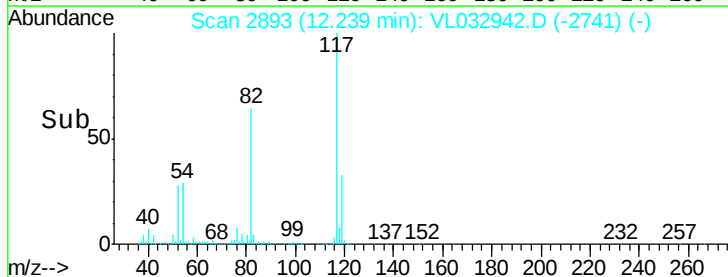
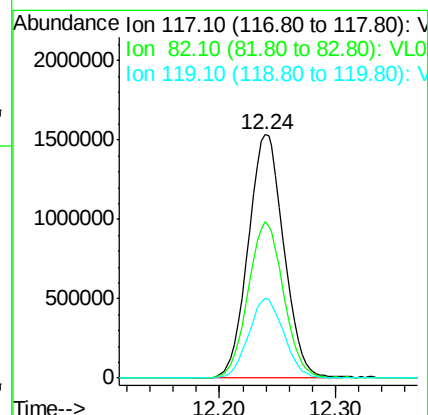
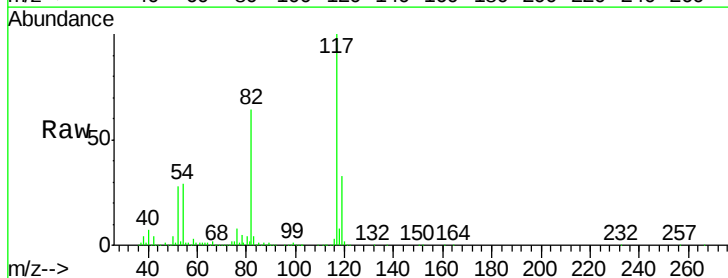
Tgt Ion:117 Resp: 3277904

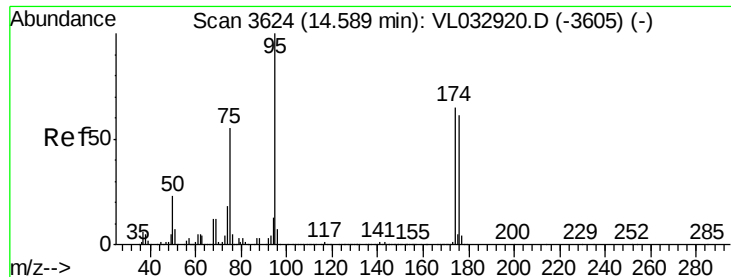
Ion Ratio Lower Upper

117 100

82 64.0 47.8 71.8

119 32.6 43.1 64.7#





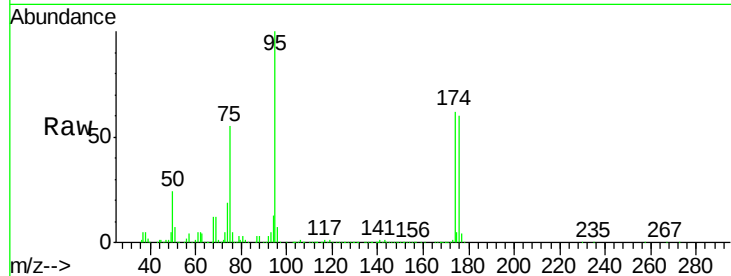
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.325 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.01 min
 Lab File: VL032942.D
 Acq: 7 Dec 2018 19:51

Instrument :
 MSVOA_L
 ClientSampleId :
 IA4DL

Tgt Ion: 95 Resp: 2500265
 Ion Ratio Lower Upper
 95 100
 174 64.7 51.4 77.0
 175 4.8 3.8 5.6

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Abundance Ion 95.10 (94.80 to 95.80): VL0
 1500000
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

