

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
 Data File : VL031226.D
 Acq On : 14 Dec 2017 11:11
 Operator : SY/AP
 Sample : I6769-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSV-3ADL

Manual Integrations
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Quant Time: Dec 15 06:19:07 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1738605	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	4239342	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	4302030	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3252910	10.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.79	45	30474	1.09	ppbv	90
15) Acetone	4.04	43	457786	2.00	ppbv	98
20) Methylene Chloride	4.54	84	46903	0.62	ppbv	98
26) Hexane	5.93	57	81498	0.37	ppbv #	47
53) Toluene	10.12	91	64829	0.13	ppbv	99
58) Ethyl Benzene	13.03	91	396076	0.56	ppbv	100
59) m/p-Xylene	13.29	91	1707830	3.00	ppbv	99
60) o-Xylene	14.02	91	435955	0.76	ppbv	99
74) 1,2,4-Trimethylbenzene	17.09	105	63222m	0.11	ppbv	

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

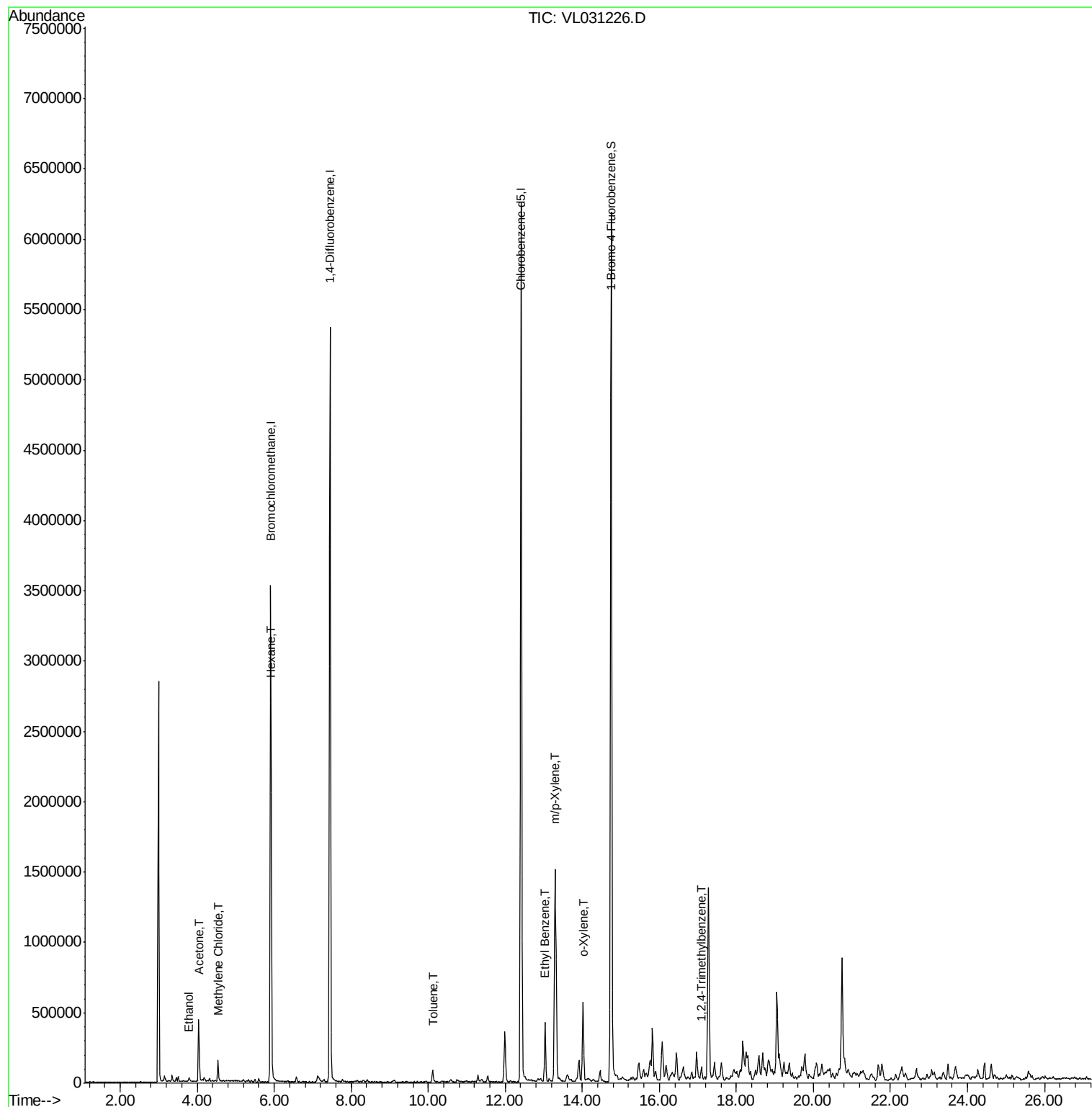
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
Data File : VL031226.D
Acq On : 14 Dec 2017 11:11
Operator : SY/AP
Sample : I6769-03DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

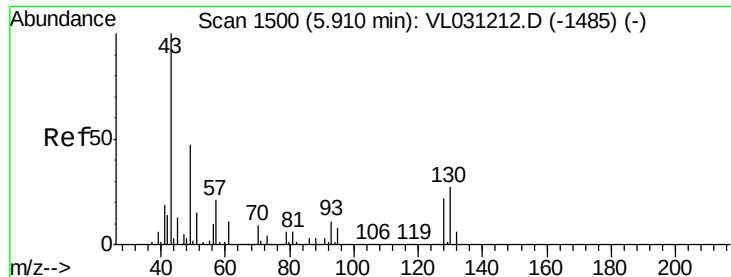
Instrument :
MSVOA_L
ClientSampleId :
SSV-3ADL

Manual Integrations
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12/15/2017 4:07:05 PM

Quant Time: Dec 15 06:19:07 2017
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VL031226.D

Acq: 14 Dec 2017 11:11

Instrument :

MSVOA_L

ClientSampleId :

SSV-3ADL

Tot Ion: 49 Resp: 1738605

Ion Ratio Lower Upper

49 100

128 49.0 23.2 69.5

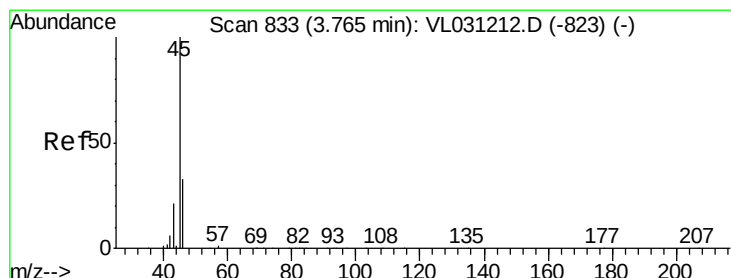
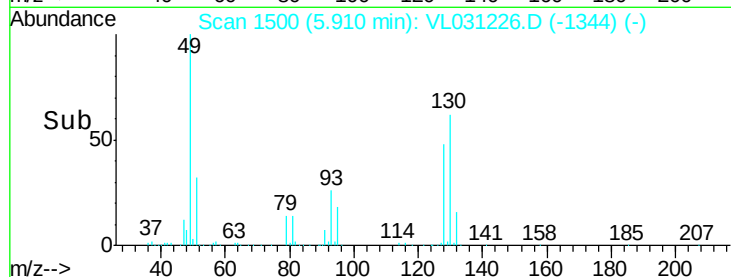
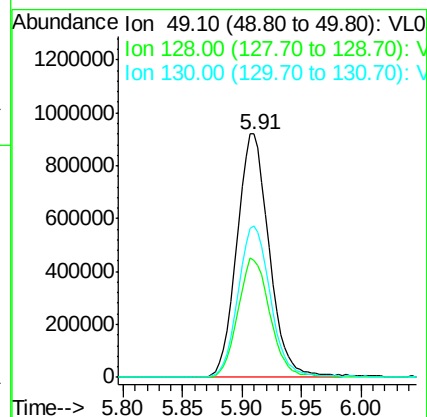
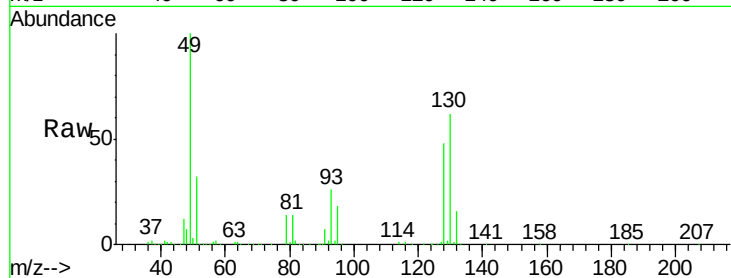
130 63.4 29.6 88.8

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#13

Ethanol

Concen: 1.09 ppbv

RT: 3.79 min Scan# 840

Delta R.T. 0.02 min

Lab File: VL031226.D

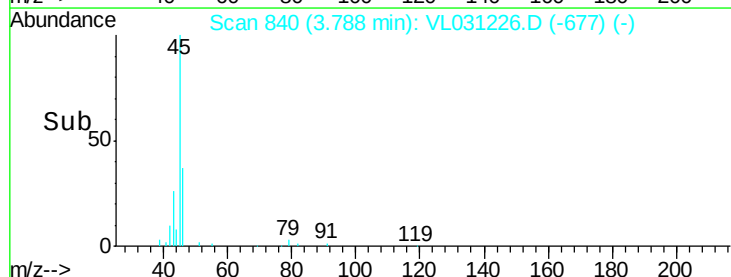
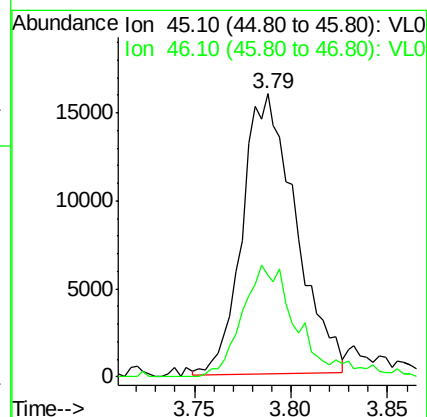
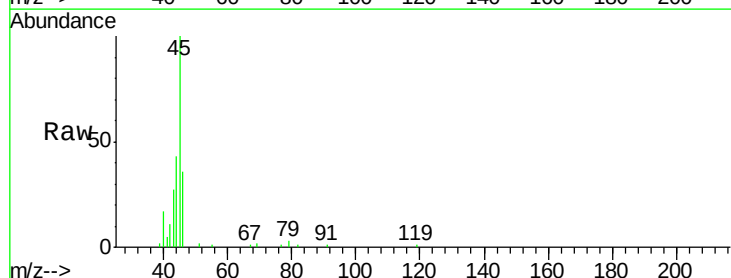
Acq: 14 Dec 2017 11:11

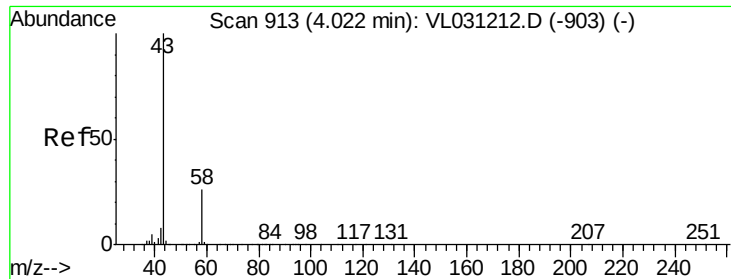
Tgt Ion: 45 Resp: 30474

Ion Ratio Lower Upper

45 100

46 42.4 14.6 58.4





#15

Acetone

Concen: 2.00 ppbv

RT: 4.04 min Scan# 917

Delta R.T. 0.01 min

Lab File: VL031226.D

Acq: 14 Dec 2017 11:11

Instrument :

MSVOA_L

ClientSampleId :

SSV-3ADL

Tot Ion: 43 Resp: 457786

Ion Ratio Lower Upper

43 100

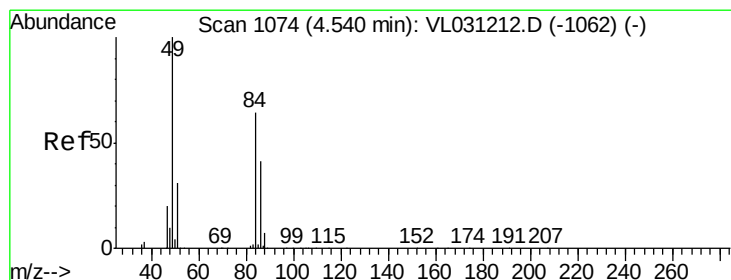
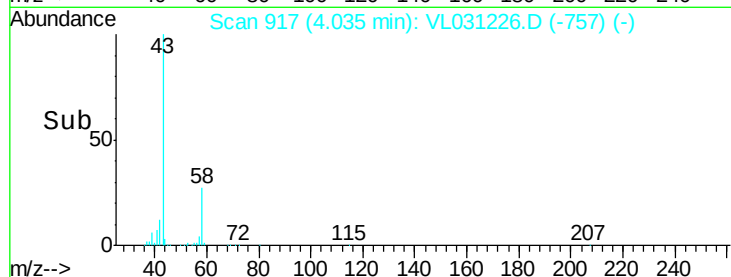
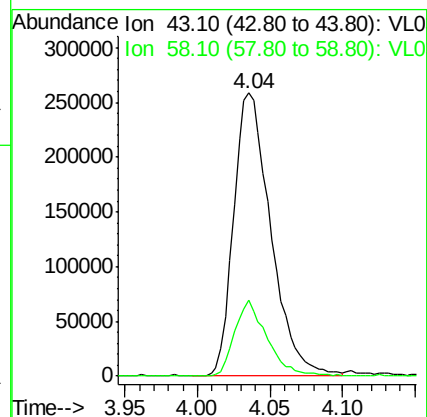
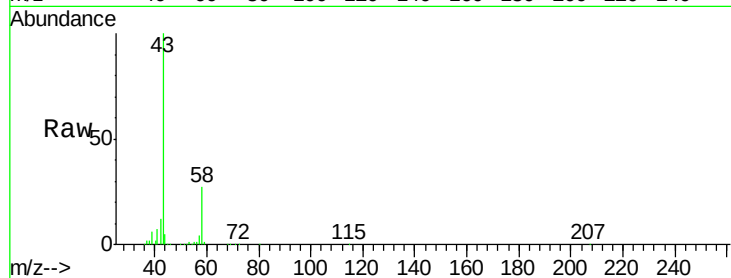
58 24.2 20.3 30.5

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#20

Methylene Chloride

Concen: 0.62 ppbv

RT: 4.54 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VL031226.D

Acq: 14 Dec 2017 11:11

Tgt Ion: 84 Resp: 46903

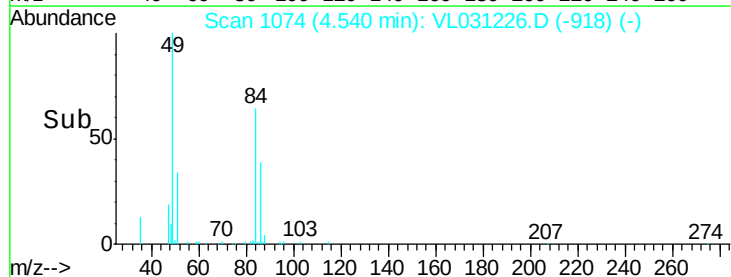
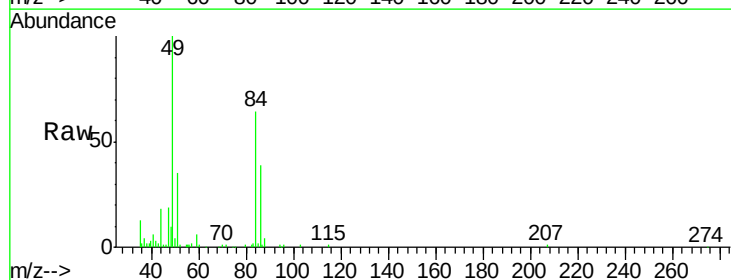
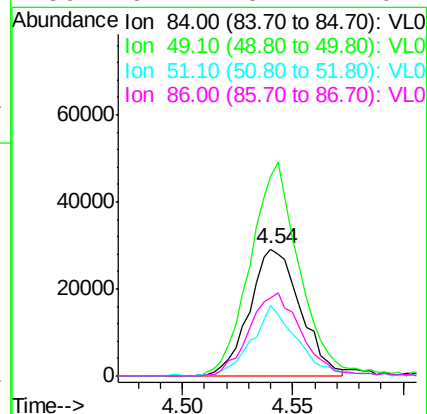
Ion Ratio Lower Upper

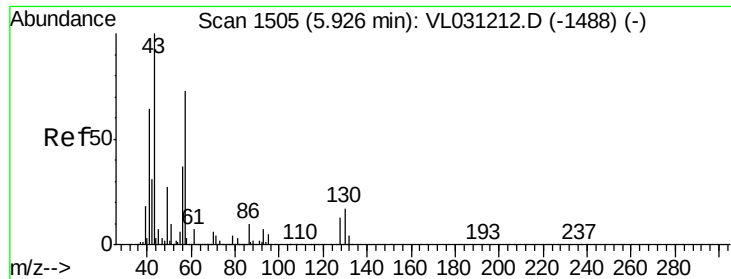
84 100

49 157.2 125.8 188.6

51 55.1 39.3 58.9

86 61.1 51.1 76.7





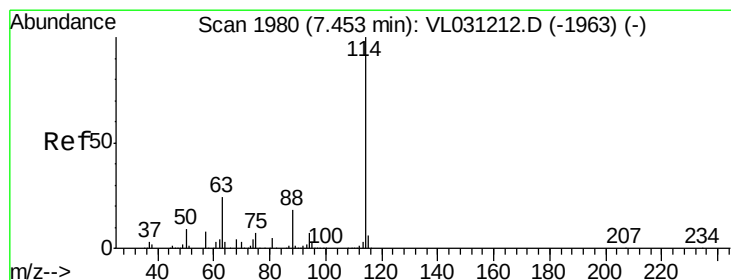
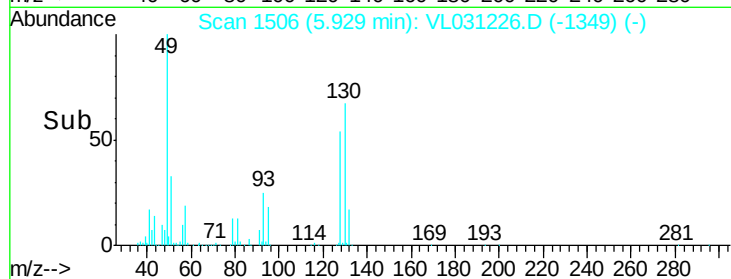
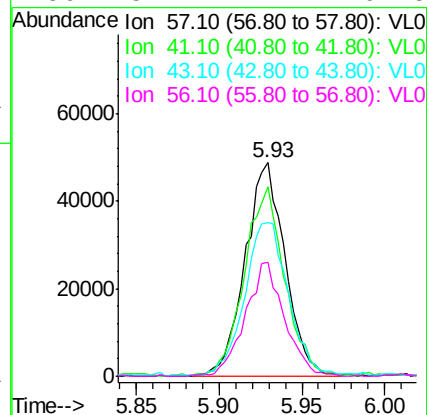
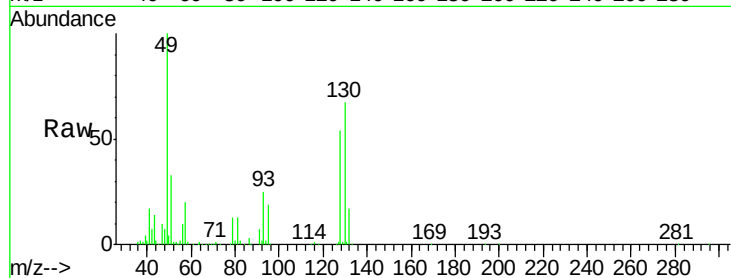
#26
Hexane
Concen: 0.37 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument :
MSVOA_L
ClientSampleId :
SSV-3ADL

Tot Ion	Ratio	Lower	Upper
57	100		
41	90.3	70.3	105.5
43	80.1	173.8	260.8#
56	52.4	41.7	62.5

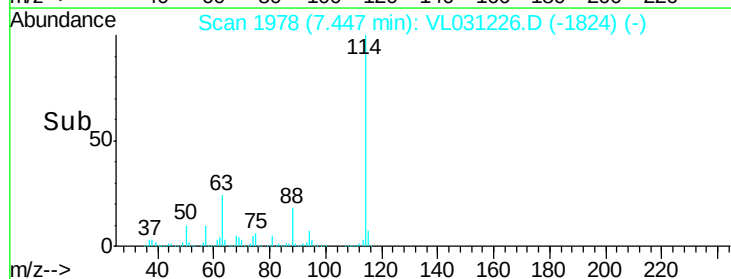
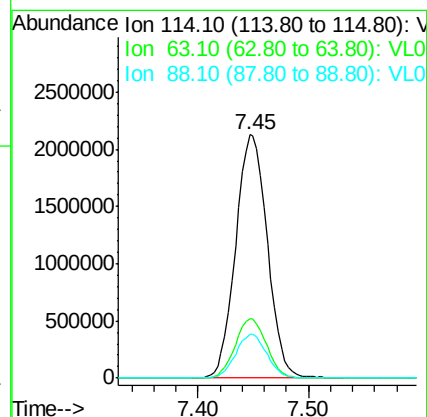
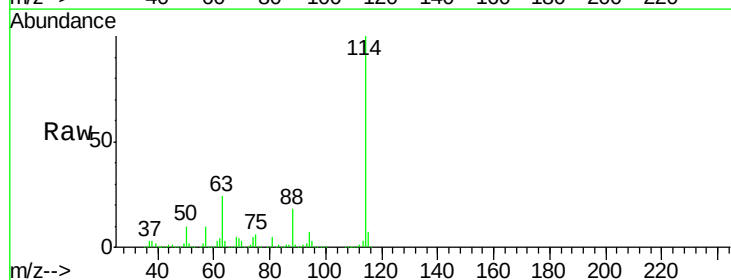
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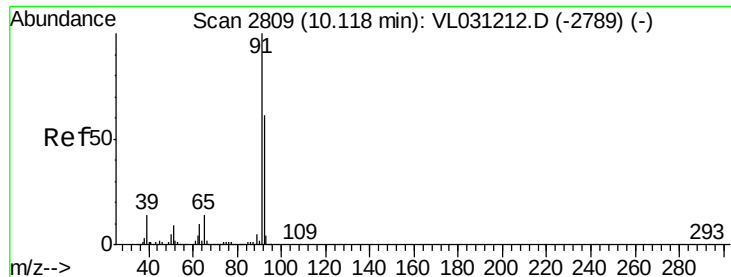
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.45 min Scan# 1978
Delta R.T. -0.01 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.8	29.8
88	17.7	14.2	21.4





#53

Toluene

Concen: 0.13 ppbv

RT: 10.12 min Scan# 2808

Delta R.T. -0.00 min

Lab File: VL031226.D

Acq: 14 Dec 2017 11:11

Instrument :

MSVOA_L

ClientSampleId :

SSV-3ADL

Tot Ion: 91 Resp: 64829

Ion Ratio Lower Upper

91 100

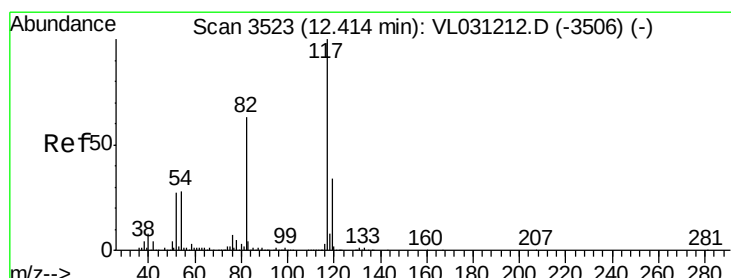
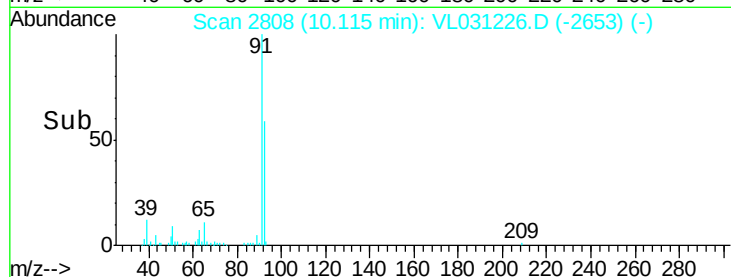
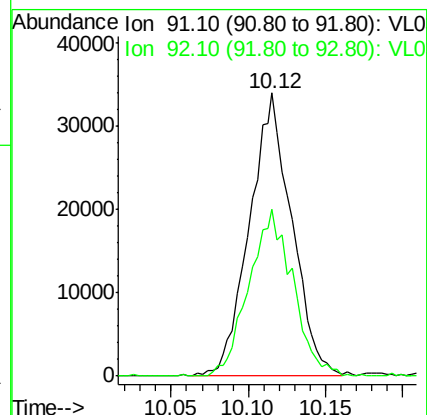
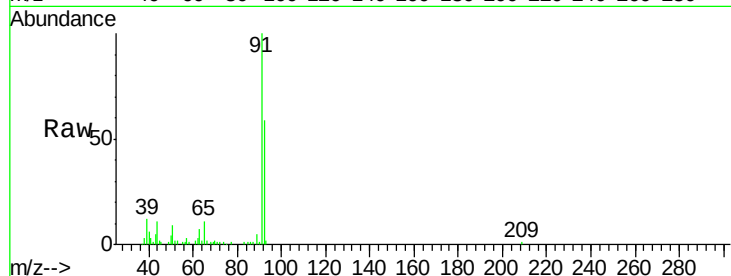
92 60.6 49.1 73.7

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#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.41 min Scan# 3522

Delta R.T. -0.00 min

Lab File: VL031226.D

Acq: 14 Dec 2017 11:11

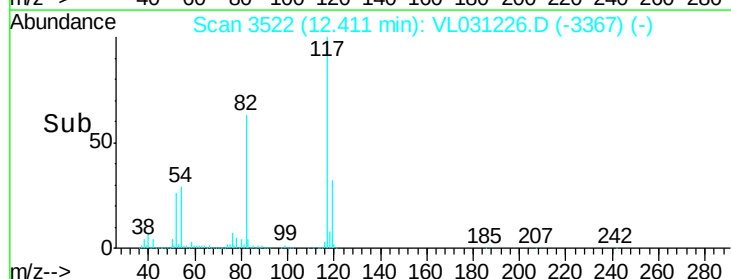
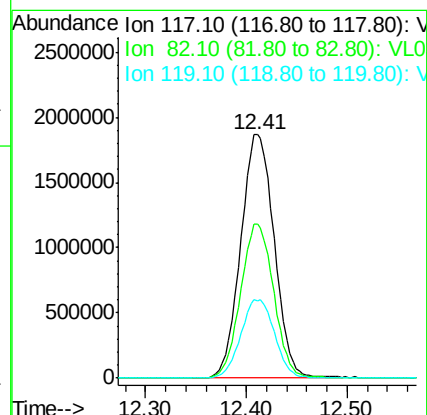
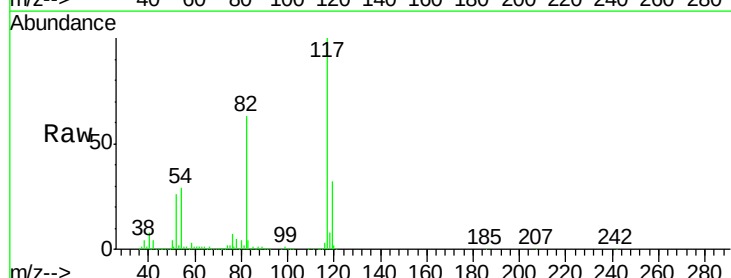
Tgt Ion: 117 Resp: 4302030

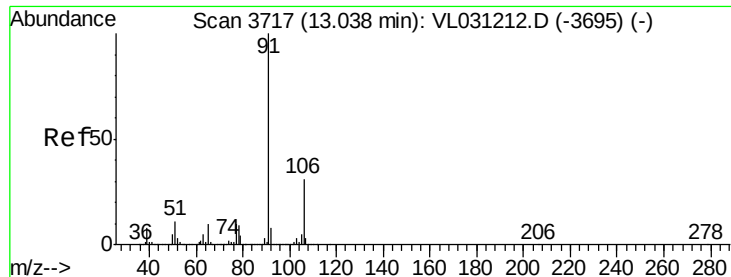
Ion Ratio Lower Upper

117 100

82 63.0 48.1 72.1

119 32.7 23.1 34.7





#58

Ethyl Benzene

Concen: 0.56 ppbv

RT: 13.03 min Scan# 3716

Delta R.T. -0.00 min

Lab File: VL031226.D

Acq: 14 Dec 2017 11:11

Instrument :

MSVOA_L

ClientSampleId :

SSV-3ADL

Tot Ion: 91 Resp: 396076

Ion Ratio Lower Upper

91 100

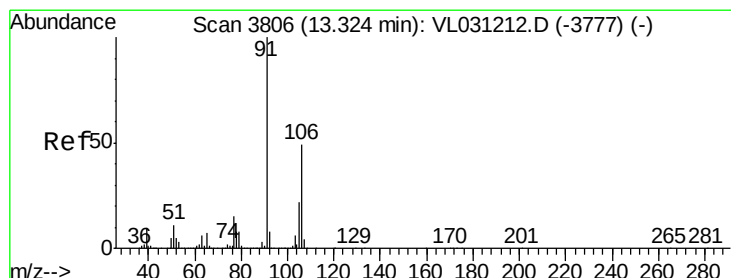
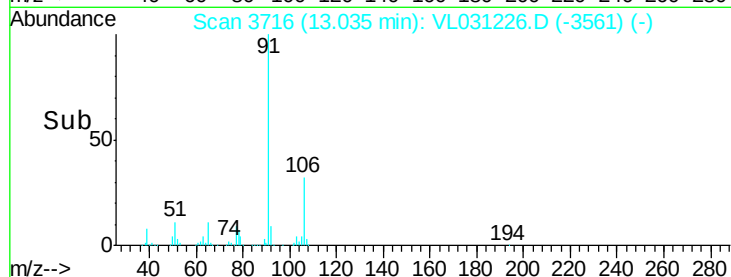
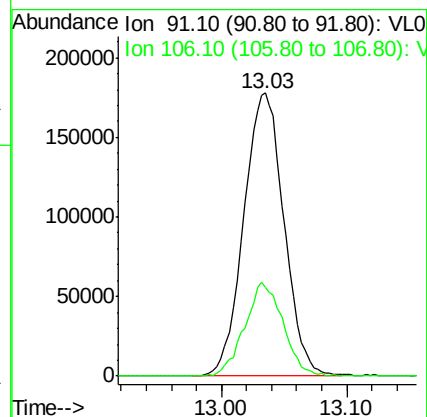
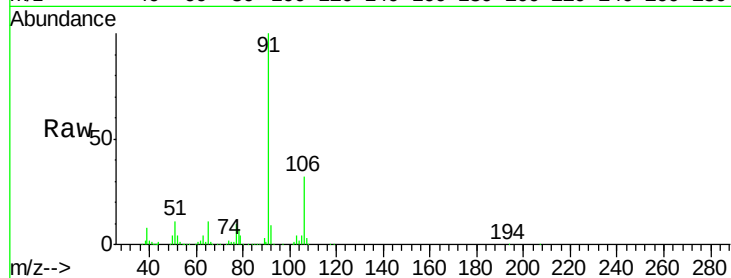
106 31.6 25.1 37.7

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#59

m/p-Xylene

Concen: 3.00 ppbv

RT: 13.29 min Scan# 3795

Delta R.T. -0.04 min

Lab File: VL031226.D

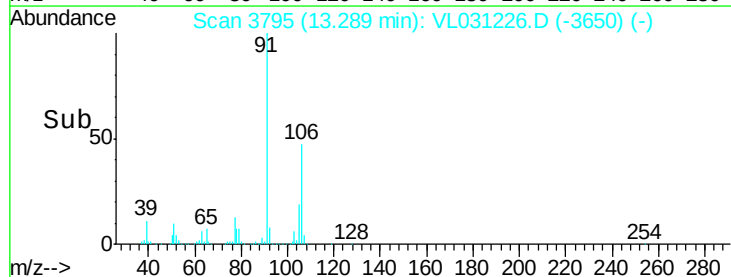
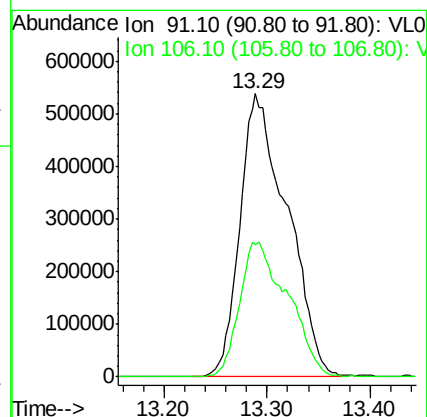
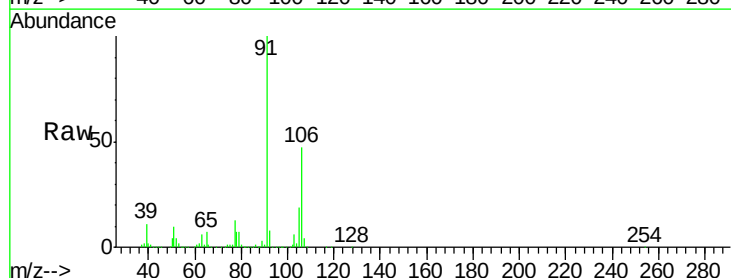
Acq: 14 Dec 2017 11:11

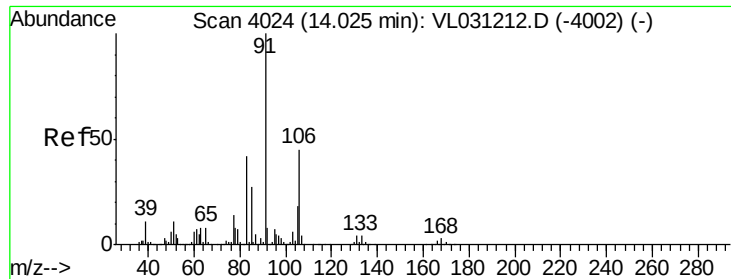
Tgt Ion: 91 Resp: 1707830

Ion Ratio Lower Upper

91 100

106 49.0 38.5 57.7





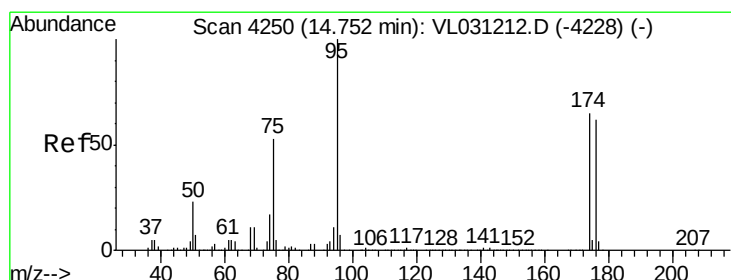
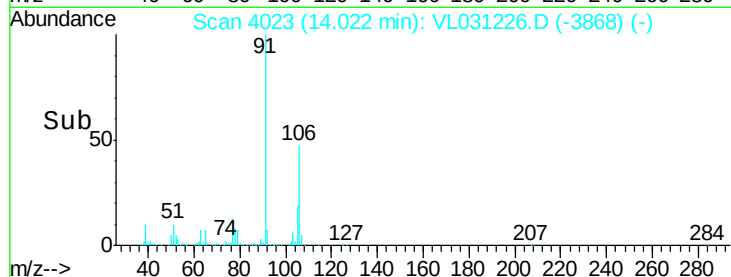
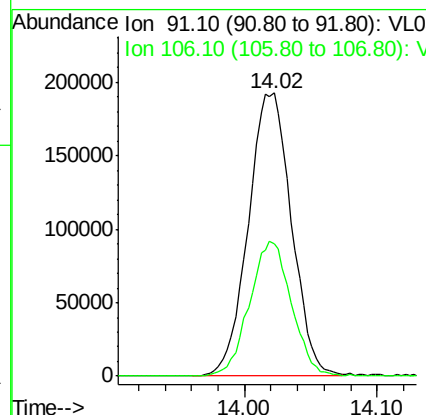
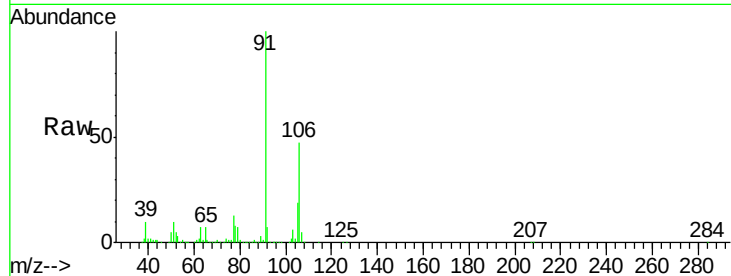
#60
o-Xylene
Concen: 0.76 ppbv
RT: 14.02 min Scan# 4023
Delta R.T. -0.00 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument :
MSVOA_L
ClientSampleId :
SSV-3ADL

Tot Ion: 91 Resp: 435955
Ion Ratio Lower Upper
91 100
106 46.3 22.7 68.1

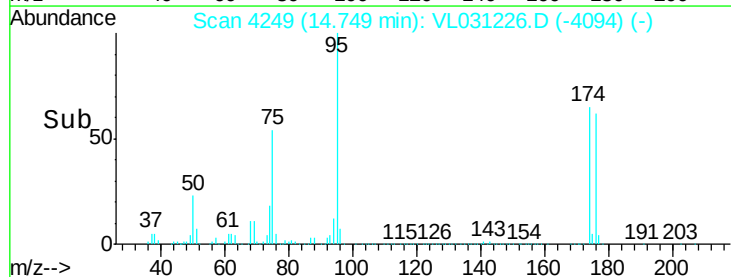
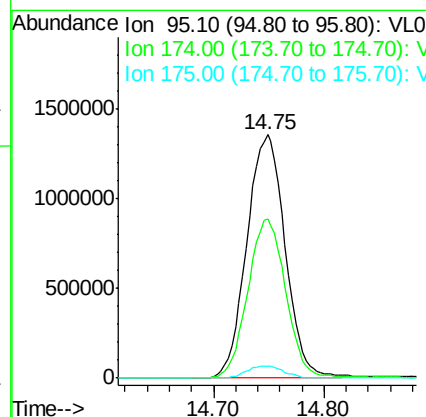
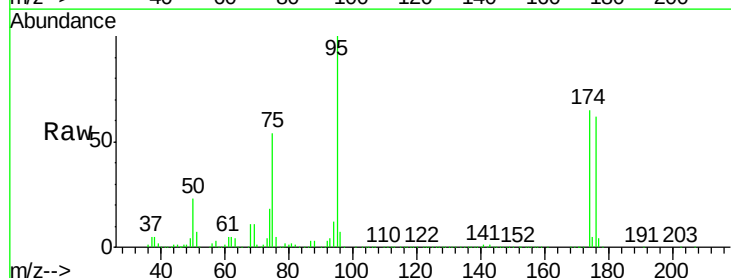
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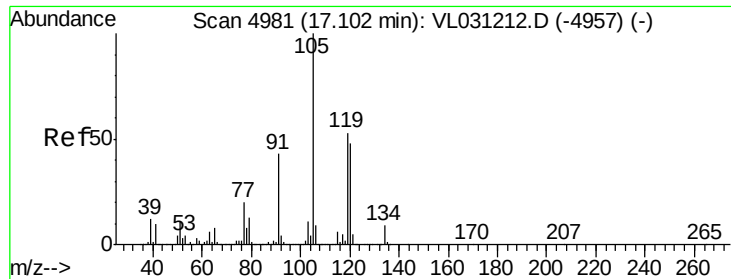
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.63 ppbv
RT: 14.75 min Scan# 4249
Delta R.T. -0.00 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion: 95 Resp: 3252910
Ion Ratio Lower Upper
95 100
174 65.6 52.5 78.7
175 4.9 4.1 6.1





#74
 1,2,4-Trimethylbenzene
 Concen: 0.11 ppbv m
 RT: 17.09 min Scan# 4978
 Delta R.T. -0.01 min
 Lab File: VL031226.D
 Acq: 14 Dec 2017 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 SSV-3ADL

Tot Ion:	105	Resp:	63222
Ion Ratio		Lower	Upper
105	100		
120	41.4	38.6	58.0
91	10.9	34.2	51.4#
77	14.6	16.1	24.1#

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