

Data File : VL032864.D
Acq On : 1 Dec 2018 00:53
Operator : SY/AP
Sample : J6132-05DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DSV-04DL

Quant Time: Dec 01 02:28:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1453331	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3597724	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3354641	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2481230	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

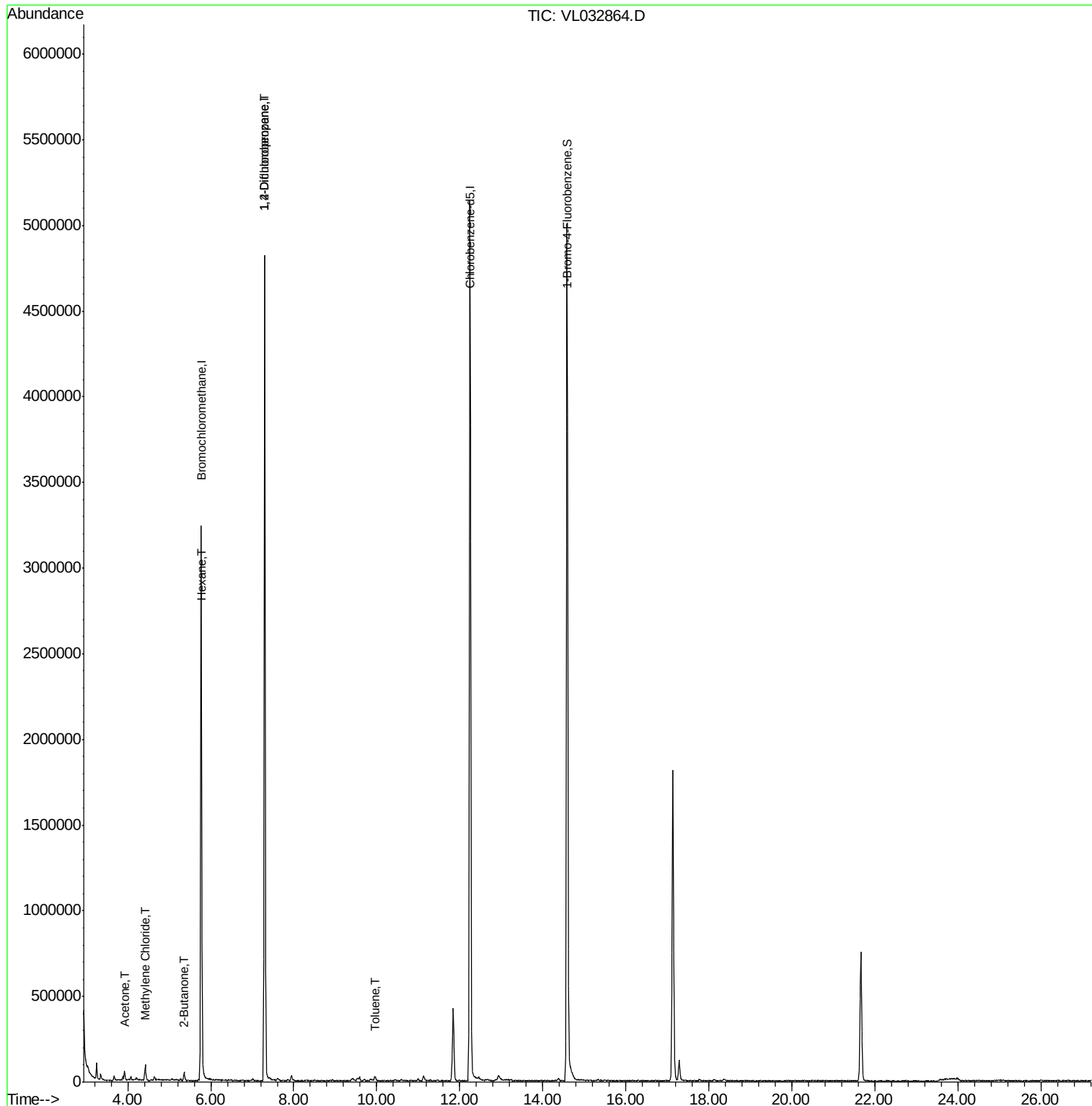
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.92	43	52611	0.396	ppbv #	75
20) Methylene Chloride	4.42	84	15787	0.230	ppbv #	82
26) Hexane	5.79	57	48507	0.352	ppbv #	45
34) 2-Butanone	5.35	43	51819	0.278	ppbv	94
39) 1,2-Dichloropropane	7.30	63	838345	7.680	ppbv #	22
53) Toluene	9.95	91	11811	0.040	ppbv #	55

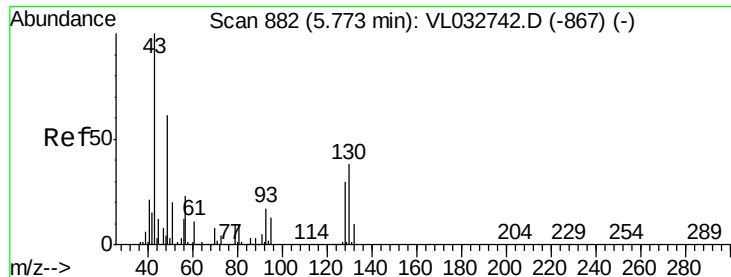
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032864.D

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ClientSampleId :

DSV-04DL

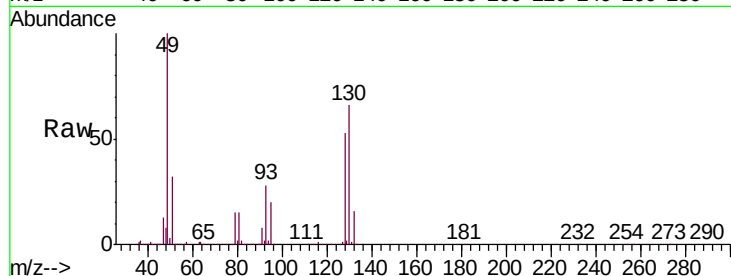
Tgt Ion: 49 Resp: 1453331

Ion Ratio Lower Upper

49 100

128 53.0 24.9 74.6

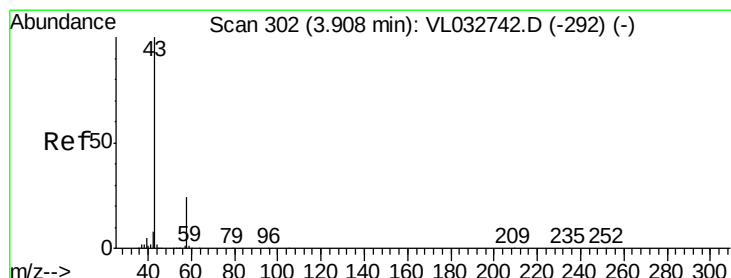
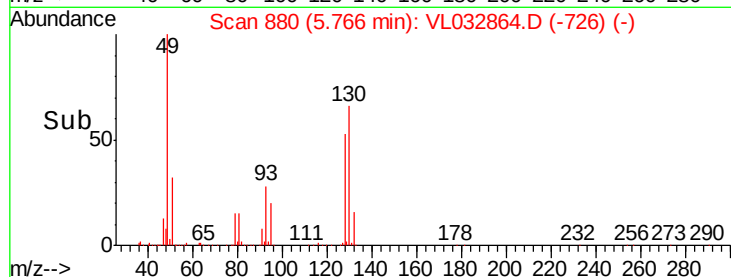
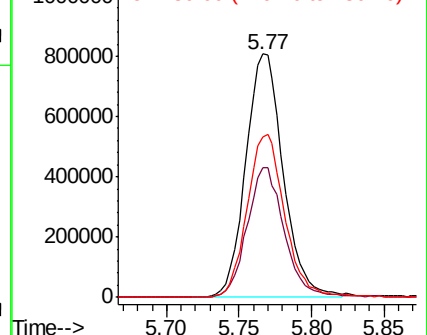
130 67.4 31.4 94.2



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



#15

Acetone

Concen: 0.396 ppbv

RT: 3.92 min Scan# 306

Delta R.T. 0.01 min

Lab File: VL032864.D

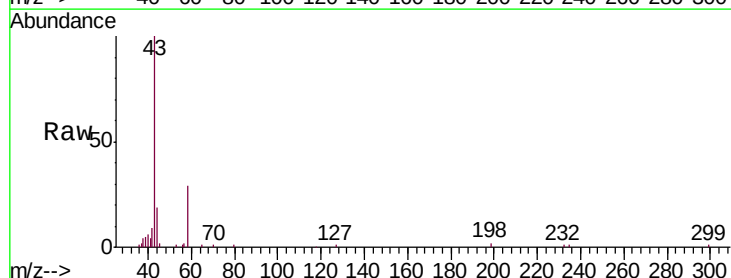
Acq: 1 Dec 2018 00:53

Tgt Ion: 43 Resp: 52611

Ion Ratio Lower Upper

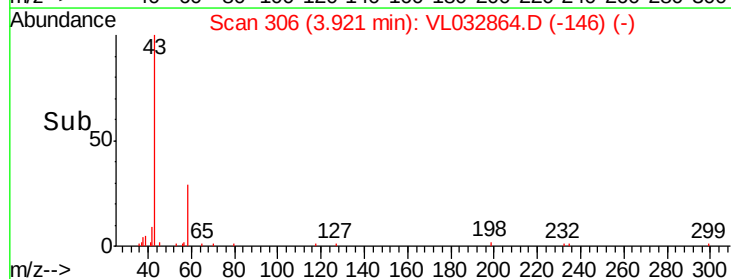
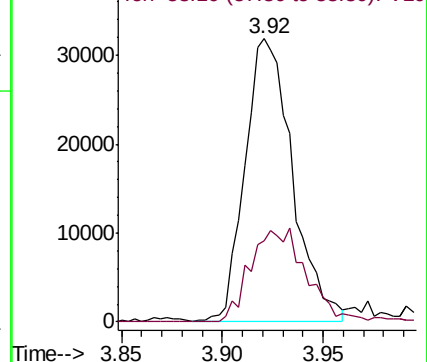
43 100

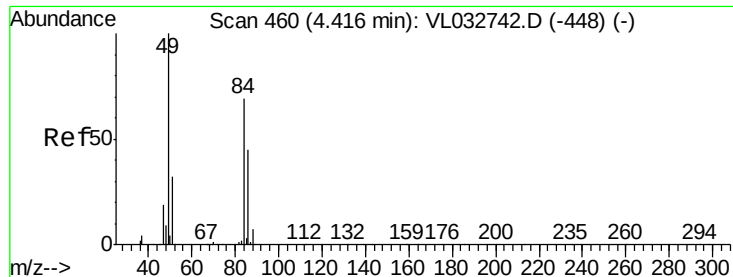
58 39.2 21.1 31.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

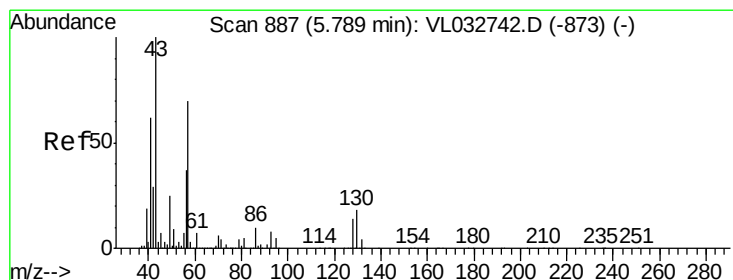
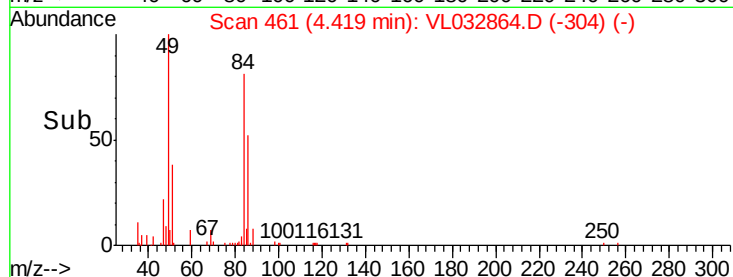
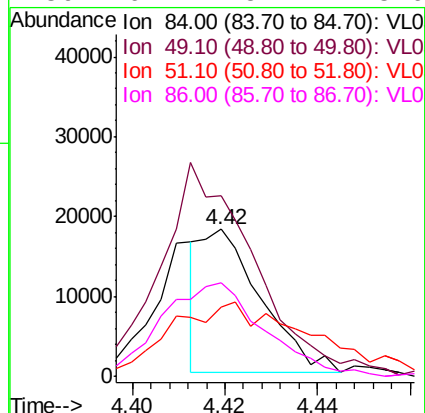
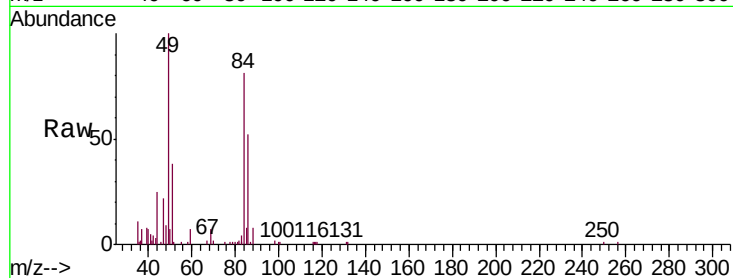




#20
Methylene Chloride
Concen: 0.230 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032864.D
Acq: 1 Dec 2018 00:53

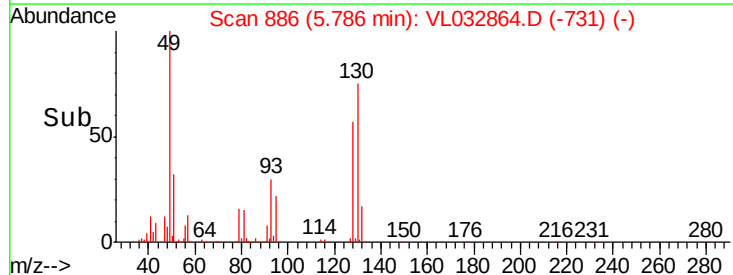
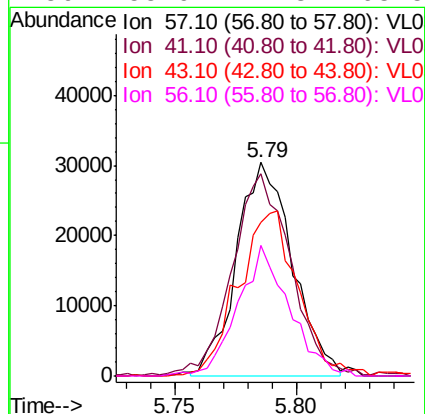
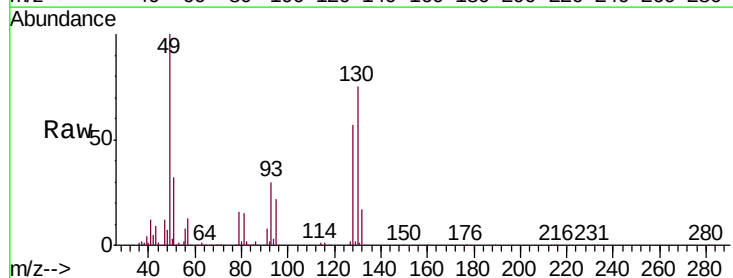
Instrument :
MSVOA_L
ClientSampleId :
DSV-04DL

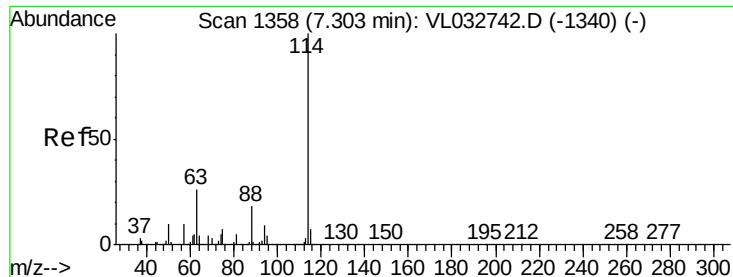
Tgt Ion: 84 Resp: 15787
Ion Ratio Lower Upper
84 100
49 118.0 115.8 173.6
51 29.8 36.9 55.3#
86 61.7 52.4 78.6



#26
Hexane
Concen: 0.352 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032864.D
Acq: 1 Dec 2018 00:53

Tgt Ion: 57 Resp: 48507
Ion Ratio Lower Upper
57 100
41 100.8 70.3 105.5
43 84.5 174.0 261.0#
56 55.9 42.3 63.5

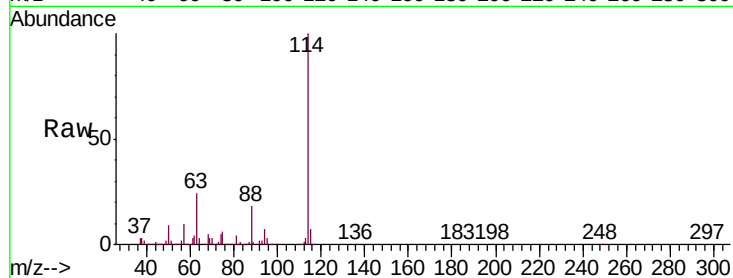




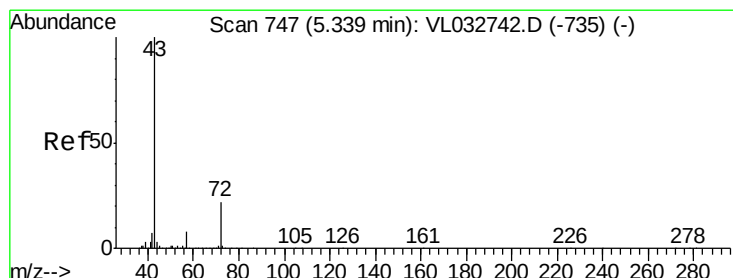
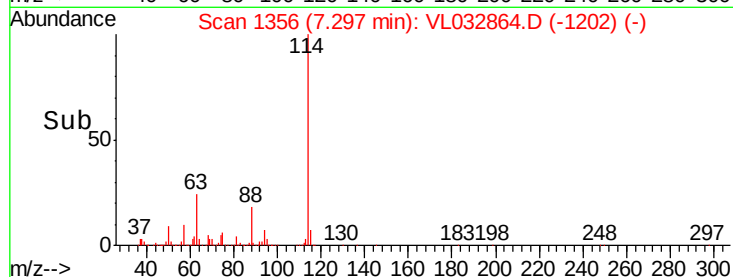
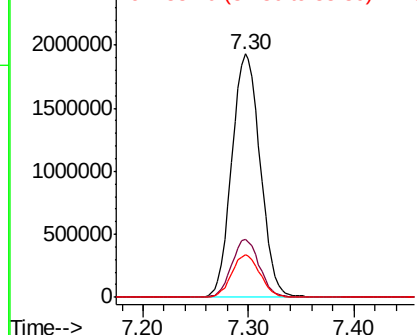
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: VL032864.D
 Acq: 1 Dec 2018 00:53

Instrument :
 MSVOA_L
 ClientSampleId :
 DSV-04DL

Tgt Ion:114 Resp: 3597724
 Ion Ratio Lower Upper
 114 100
 63 23.5 20.9 31.3
 88 17.3 14.4 21.6

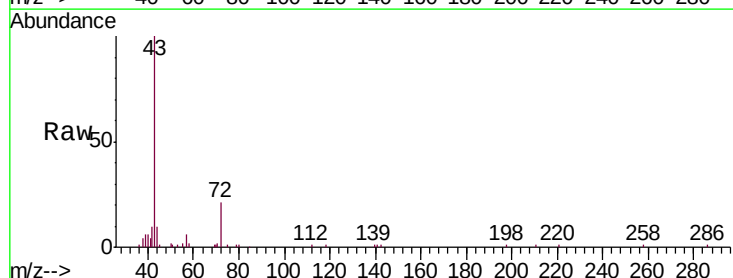


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

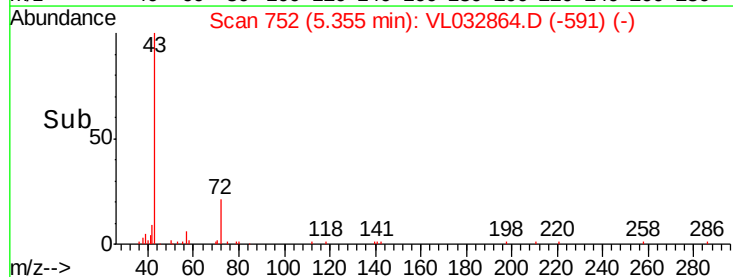
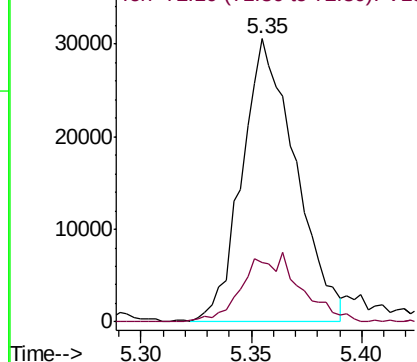


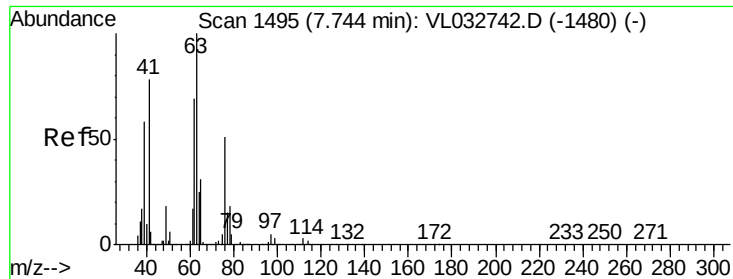
#34
 2-Butanone
 Concen: 0.278 ppbv
 RT: 5.35 min Scan# 752
 Delta R.T. 0.02 min
 Lab File: VL032864.D
 Acq: 1 Dec 2018 00:53

Tgt Ion: 43 Resp: 51819
 Ion Ratio Lower Upper
 43 100
 72 25.9 18.4 27.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#39

1,2-Dichloropropane

Concen: 7.680 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.45 min

Lab File: VL032864.D

Acq: 1 Dec 2018 00:53

Instrument :

MSVOA_L

ClientSampleId :

DSV-04DL

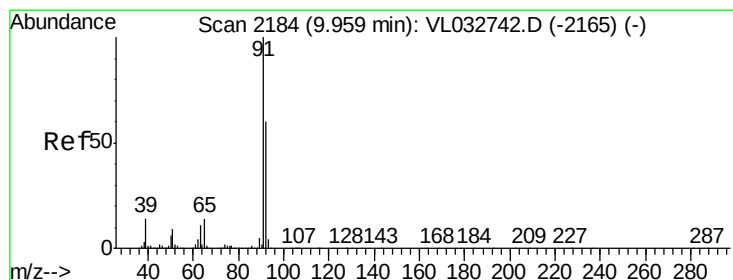
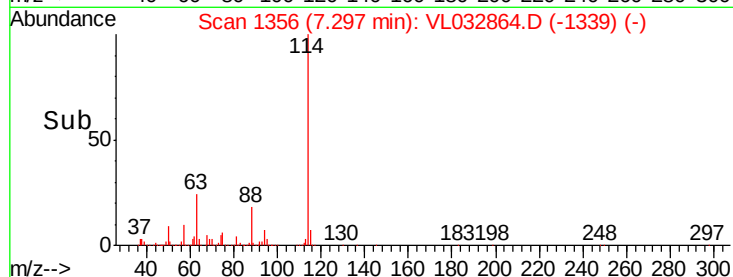
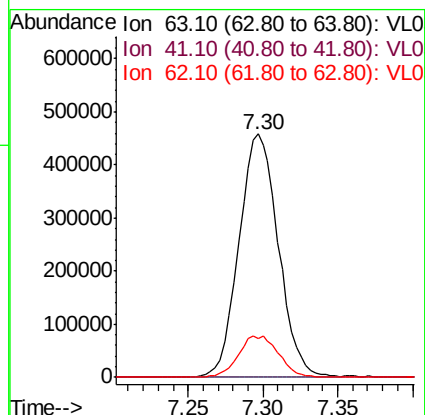
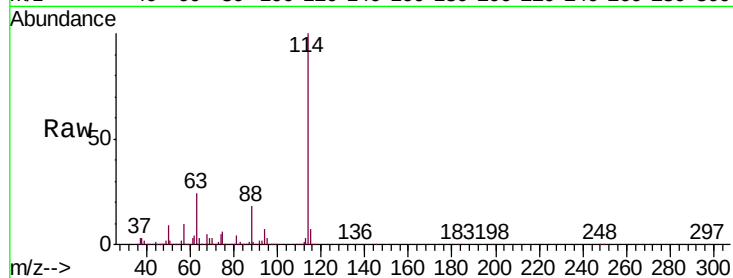
Tgt Ion: 63 Resp: 838345

Ion Ratio Lower Upper

63 100

41 0.1 62.0 93.0#

62 16.2 55.4 83.2#



#53

Toluene

Concen: 0.040 ppbv

RT: 9.95 min Scan# 2181

Delta R.T. -0.01 min

Lab File: VL032864.D

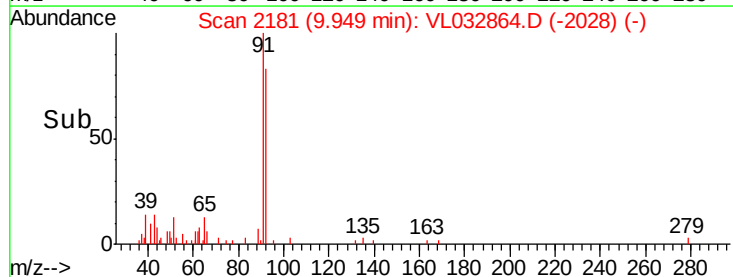
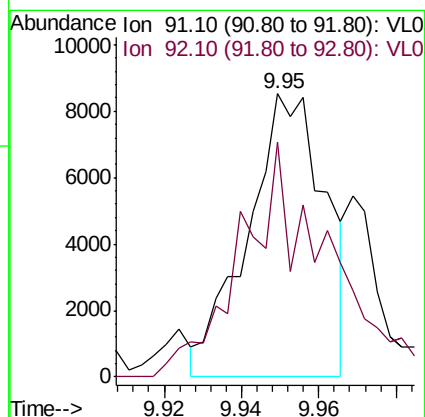
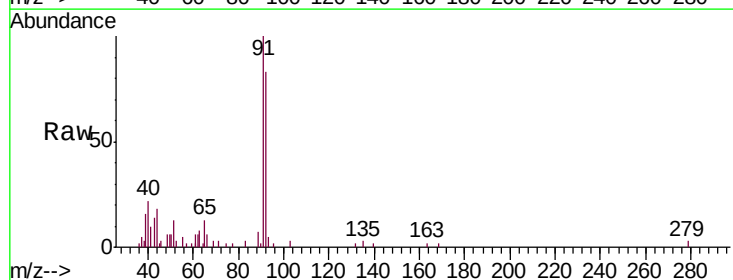
Acq: 1 Dec 2018 00:53

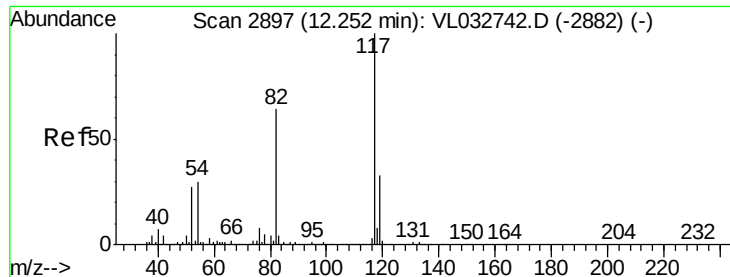
Tgt Ion: 91 Resp: 11811

Ion Ratio Lower Upper

91 100

92 93.7 47.9 71.9#

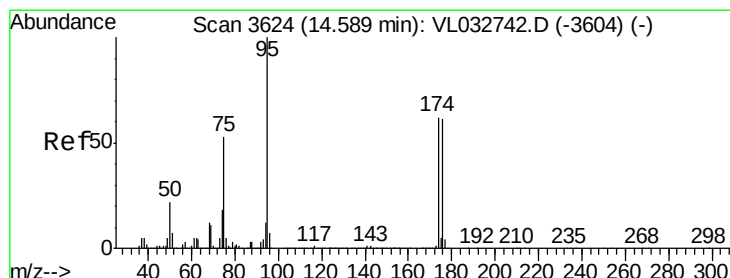
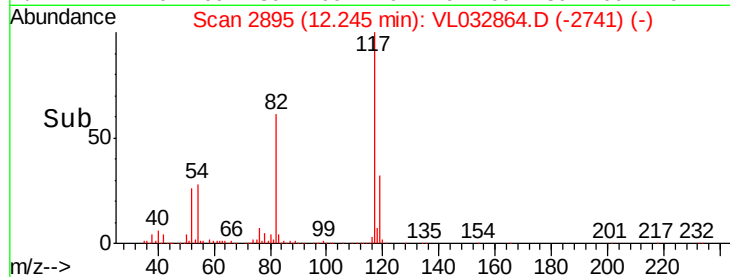
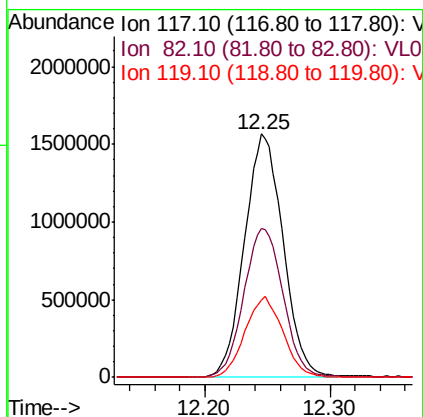
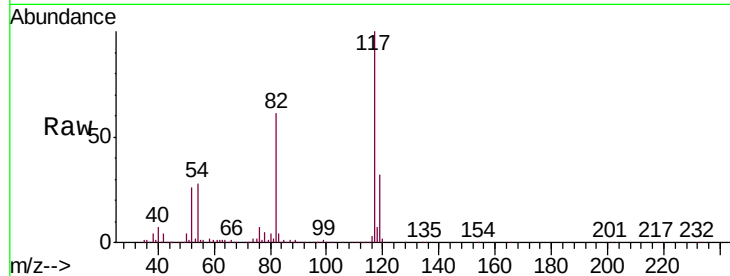




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032864.D
Acq: 1 Dec 2018 00:53

Instrument :
MSVOA_L
ClientSampleId :
DSV-04DL

Tgt Ion: 117 Resp: 3354641
Ion Ratio Lower Upper
117 100
82 62.8 51.0 76.6
119 32.9 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.889 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032864.D
Acq: 1 Dec 2018 00:53

Tgt Ion: 95 Resp: 2481230
Ion Ratio Lower Upper
95 100
174 66.8 50.7 76.1
175 5.0 3.8 5.6

