

Data File : VL032765.D
Acq On : 14 Nov 2018 19:04
Operator : SY/AP
Sample : J5896-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Quant Time: Nov 15 04:58:00 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	1575957	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3920335	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3506593	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2679732	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	3.18	50	2909	0.042	ppbv #	80
9) Propene	3.25	41	12819	0.256	ppbv	93
13) Ethanol	3.67	45	32692	1.996	ppbv	95
15) Acetone	3.92	43	89214	0.620	ppbv #	84
20) Methylene Chloride	4.41	84	23809	0.320	ppbv #	83
25) Ethyl Acetate	5.78	43	10318	0.031	ppbv #	79
26) Hexane	5.78	57	11136	0.075	ppbv #	1
39) 1,2-Dichloropropane	7.29	63	988470	8.310	ppbv #	23
44) 2,2,4-Trimethylpentane	8.00	57	20537	0.039	ppbv #	65
53) Toluene	9.95	91	14468	0.044	ppbv #	21

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

Quantitation Report (Not Reviewed)

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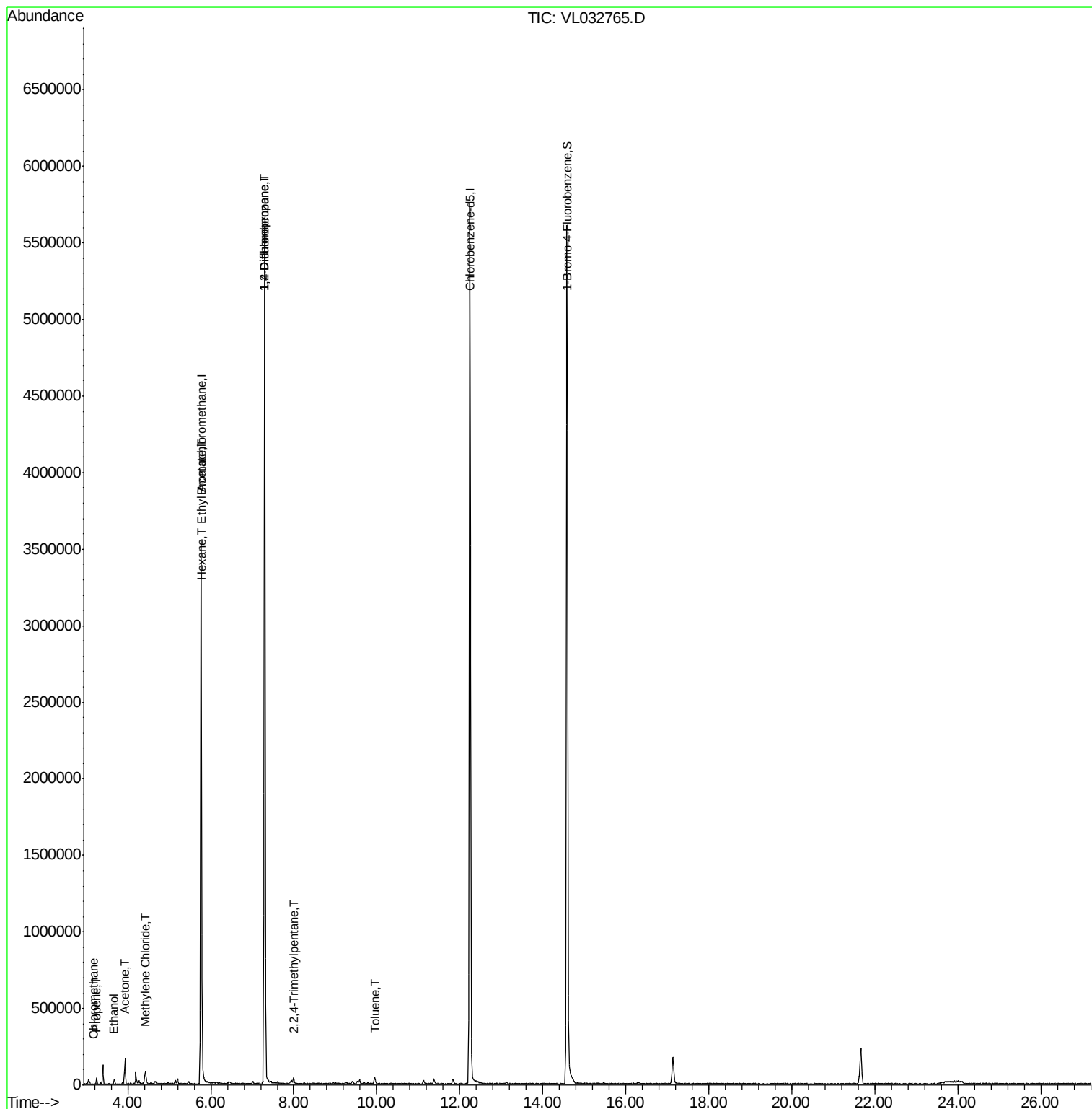
Quant Time: Nov 15 04:58:00 2018

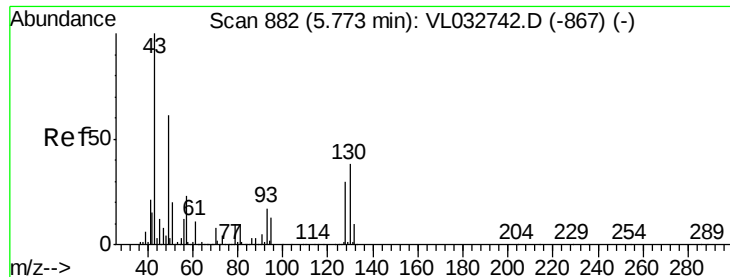
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018

QLast Update : Wed Nov 14 07:00:23 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032765.D

Acq: 14 Nov 2018 19:04

Instrument :

MSVOA_L

ClientSampleId :

QA1DL

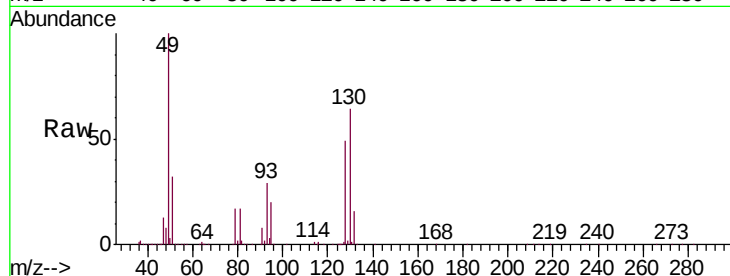
Tgt Ion: 49 Resp: 1575957

Ion Ratio Lower Upper

49 100

128 50.5 24.9 74.6

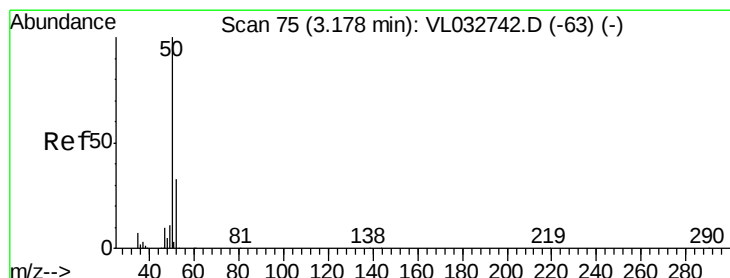
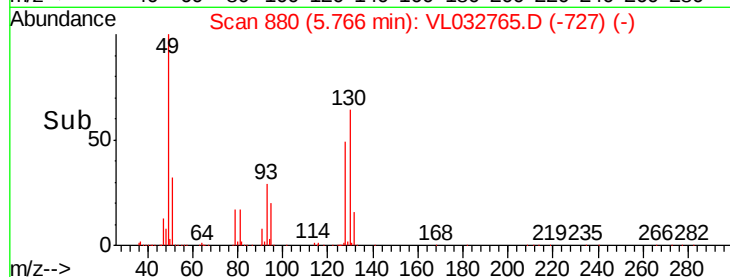
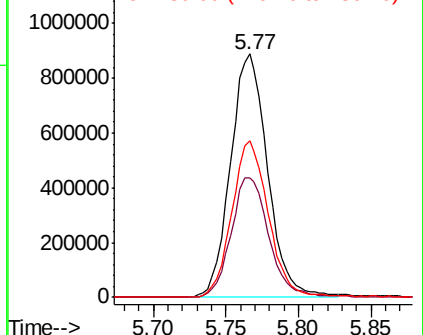
130 64.6 31.4 94.2



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



#4

Chloromethane

Concen: 0.042 ppbv

RT: 3.18 min Scan# 76

Delta R.T. 0.00 min

Lab File: VL032765.D

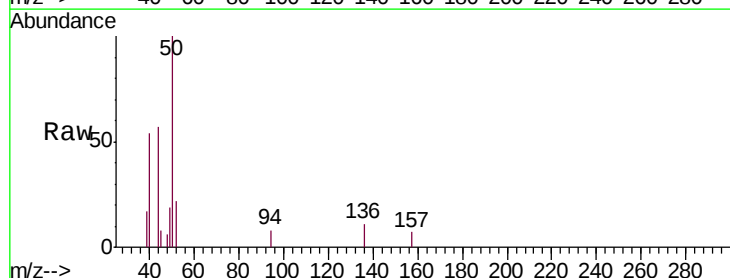
Acq: 14 Nov 2018 19:04

Tgt Ion: 50 Resp: 2909

Ion Ratio Lower Upper

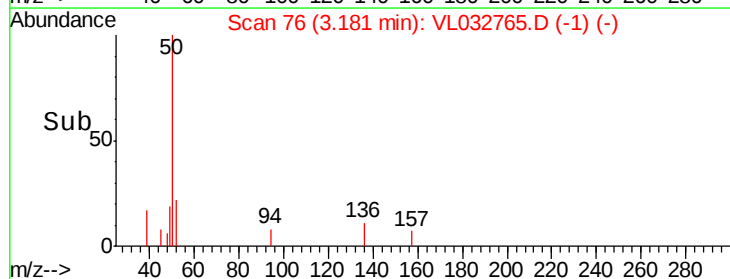
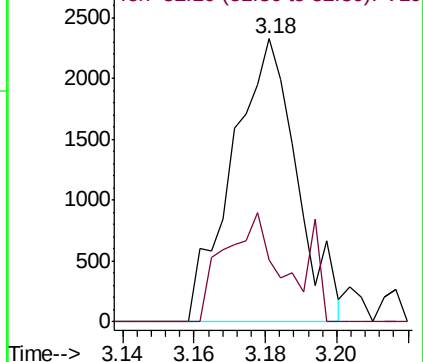
50 100

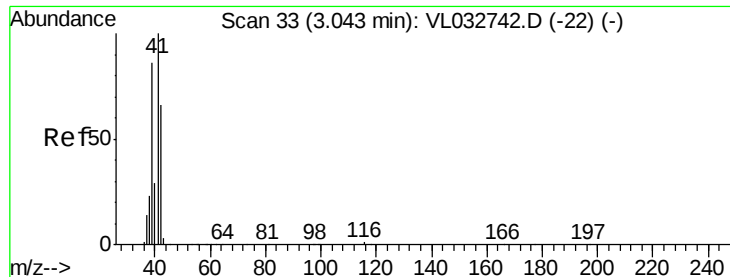
52 21.9 26.6 40.0#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.256 ppbv

RT: 3.25 min Scan# 96

Delta R.T. 0.20 min

Lab File: VL032765.D

Acq: 14 Nov 2018 19:04

Instrument :

MSVOA_L

ClientSampleId :

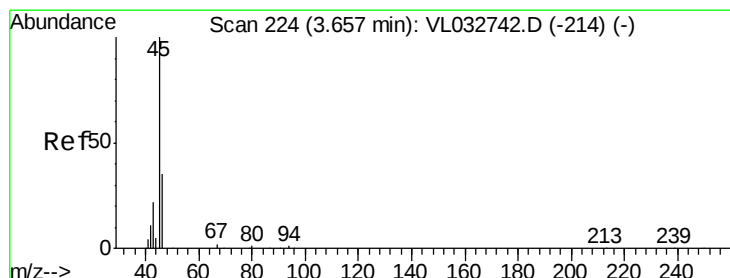
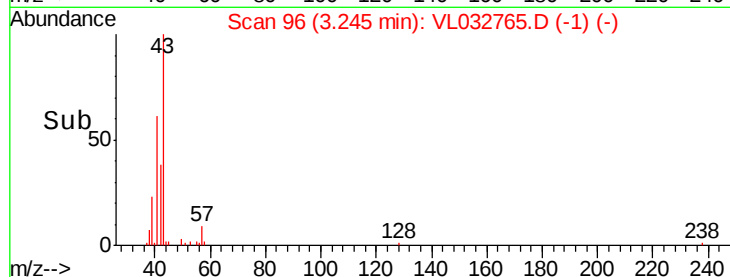
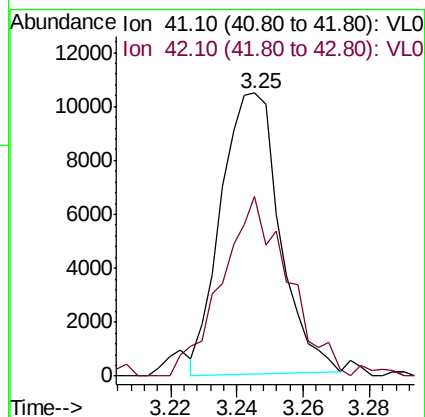
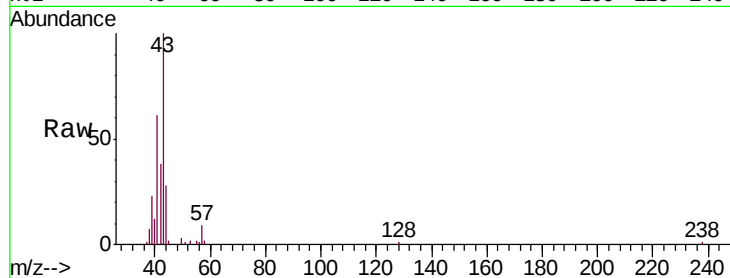
QA1DL

Tgt Ion: 41 Resp: 12819

Ion Ratio Lower Upper

41 100

42 74.3 55.0 82.6



#13

Ethanol

Concen: 1.996 ppbv

RT: 3.67 min Scan# 228

Delta R.T. 0.01 min

Lab File: VL032765.D

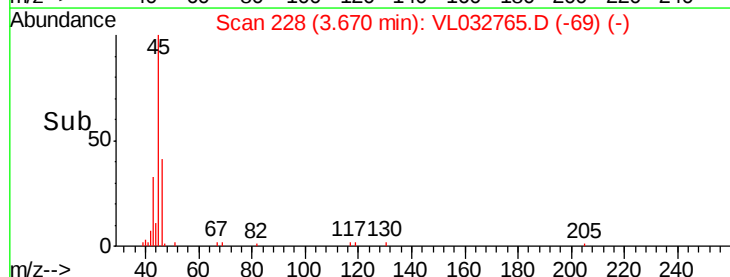
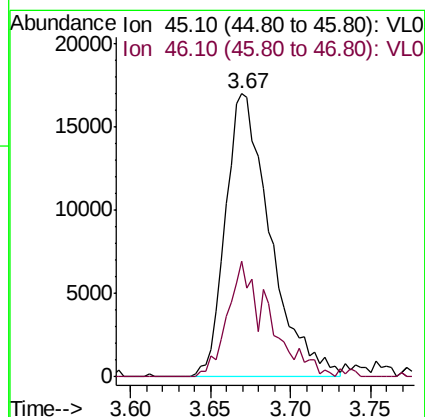
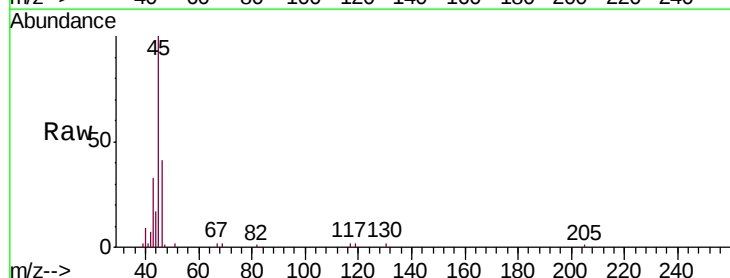
Acq: 14 Nov 2018 19:04

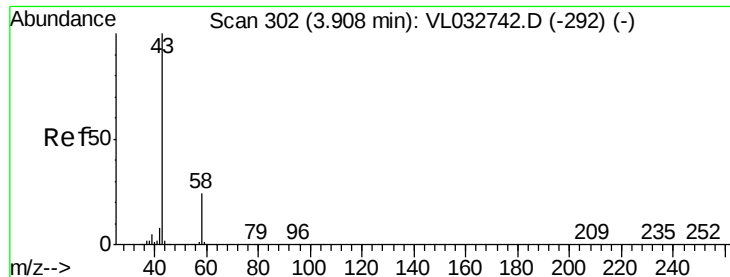
Tgt Ion: 45 Resp: 32692

Ion Ratio Lower Upper

45 100

46 38.9 14.5 57.9





#15

Acetone

Concen: 0.620 ppbv

RT: 3.92 min Scan# 307

Delta R.T. 0.02 min

Lab File: VL032765.D

Acq: 14 Nov 2018 19:04

Instrument :

MSVOA_L

ClientSampleId :

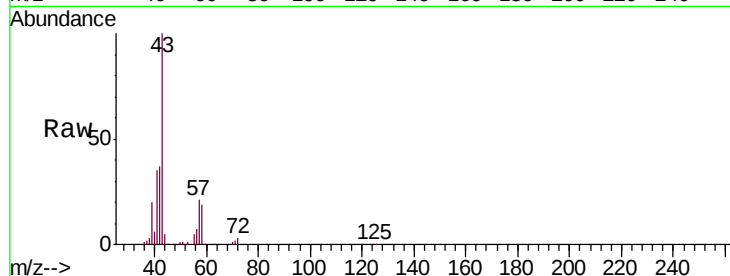
QA1DL

Tgt Ion: 43 Resp: 89214

Ion Ratio Lower Upper

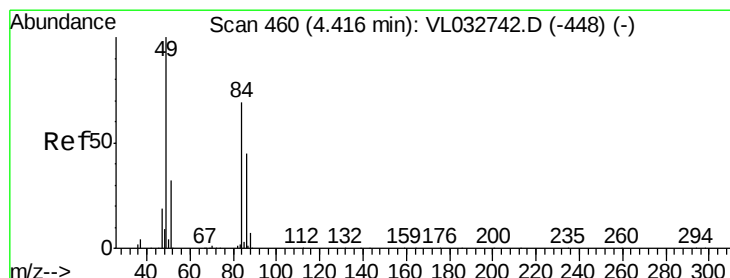
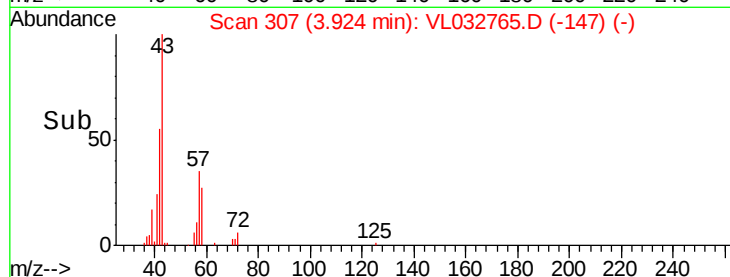
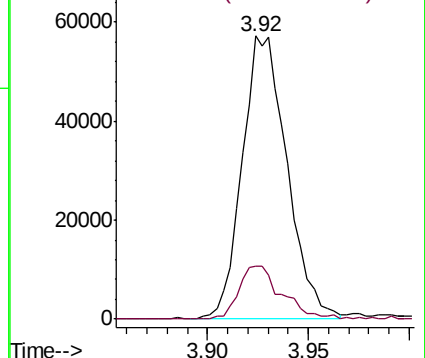
43 100

58 18.2 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: 0.320 ppbv

RT: 4.41 min Scan# 459

Delta R.T. -0.00 min

Lab File: VL032765.D

Acq: 14 Nov 2018 19:04

Tgt Ion: 84 Resp: 23809

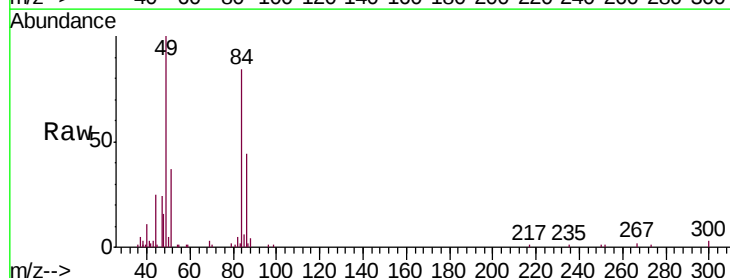
Ion Ratio Lower Upper

84 100

49 118.7 115.8 173.6

51 44.0 36.9 55.3

86 51.8 52.4 78.6#

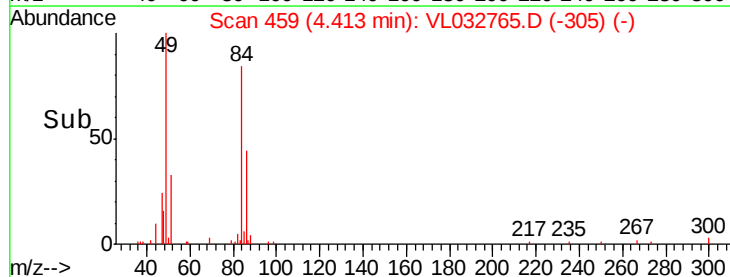
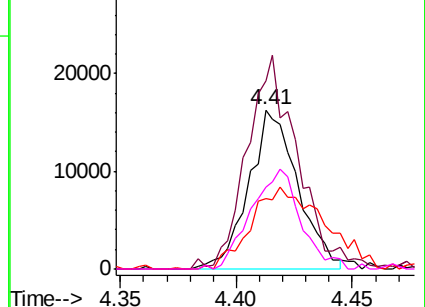


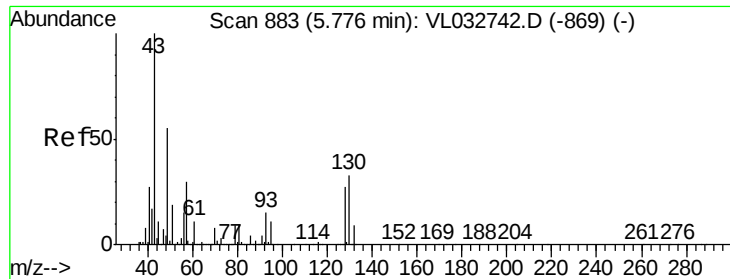
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

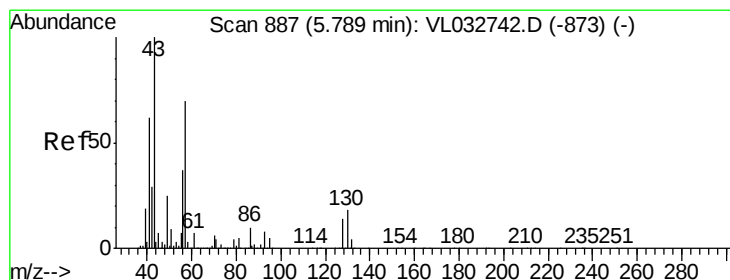
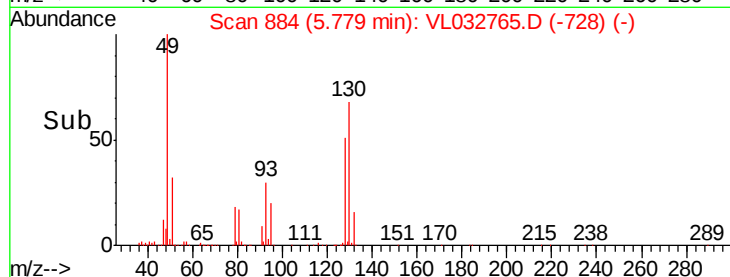
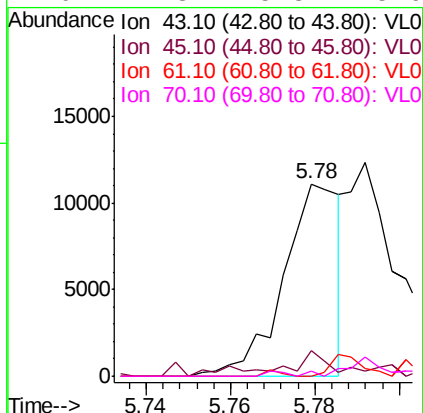
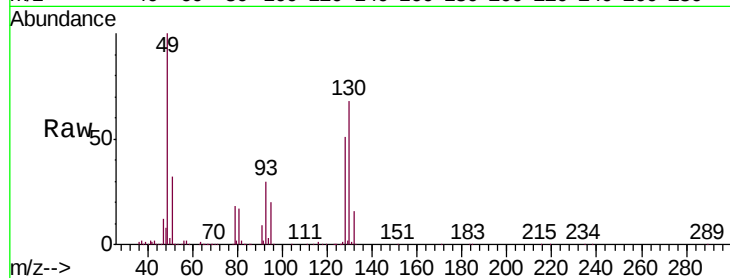




#25
Ethyl Acetate
Concen: 0.031 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL032765.D
Acq: 14 Nov 2018 19:04

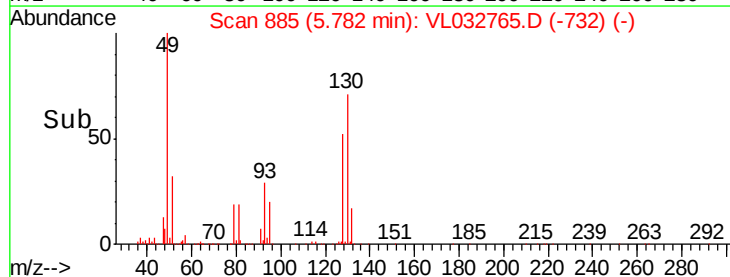
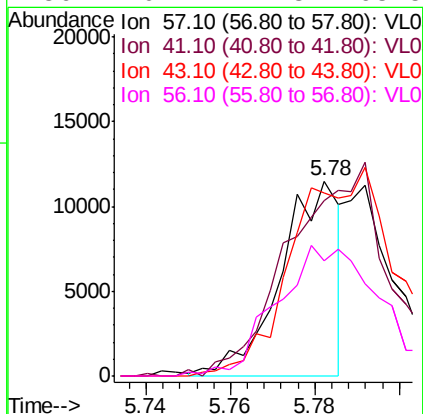
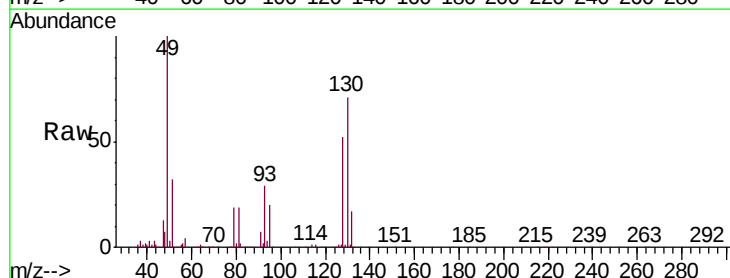
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

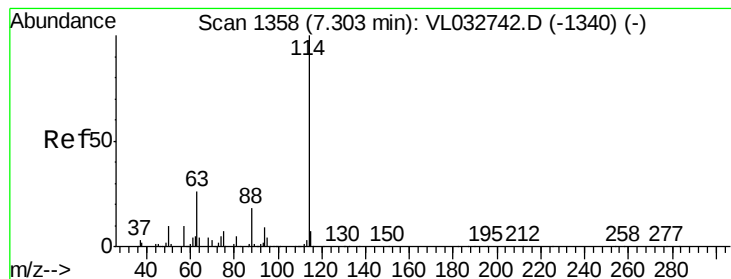
Tgt Ion:	43	Resp:	10318
Ion	Ratio	Lower	Upper
43	100		
45	16.6	7.9	11.9#
61	0.0	7.8	11.6#
70	1.3	5.8	8.6#



#26
Hexane
Concen: 0.075 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.01 min
Lab File: VL032765.D
Acq: 14 Nov 2018 19:04

Tgt Ion:	57	Resp:	11136
Ion	Ratio	Lower	Upper
57	100		
41	0.0	70.3	105.5#
43	0.0	174.0	261.0#
56	120.1	42.3	63.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VL032765.D

Acq: 14 Nov 2018 19:04

Instrument :

MSVOA_L

ClientSampleId :

QA1DL

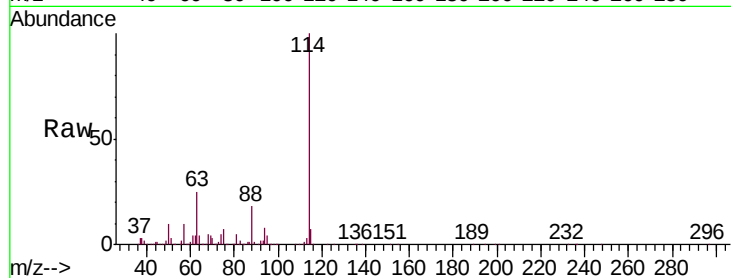
Tgt Ion:114 Resp: 3920335

Ion Ratio Lower Upper

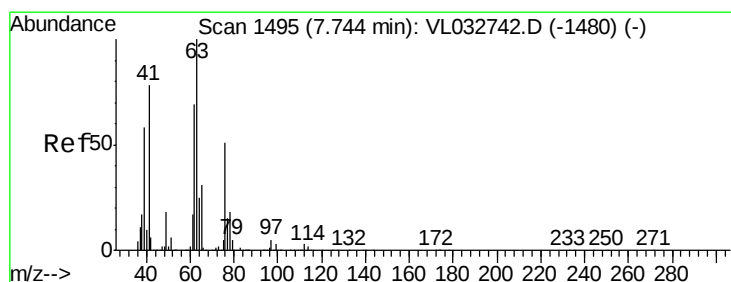
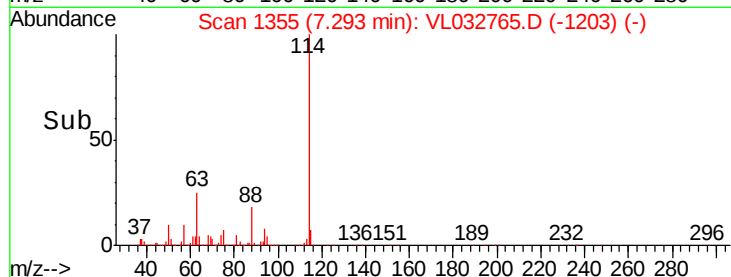
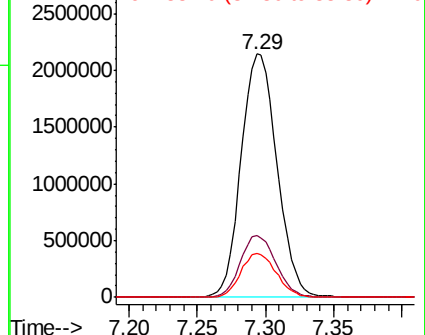
114 100

63 25.4 20.9 31.3

88 17.9 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



#39

1,2-Dichloropropane

Concen: 8.310 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. -0.45 min

Lab File: VL032765.D

Acq: 14 Nov 2018 19:04

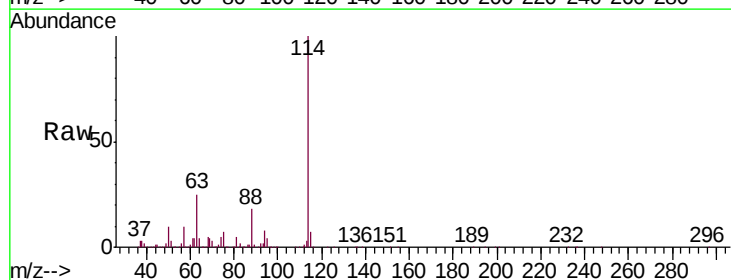
Tgt Ion: 63 Resp: 988470

Ion Ratio Lower Upper

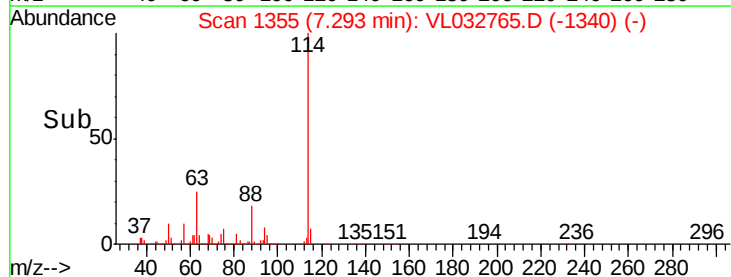
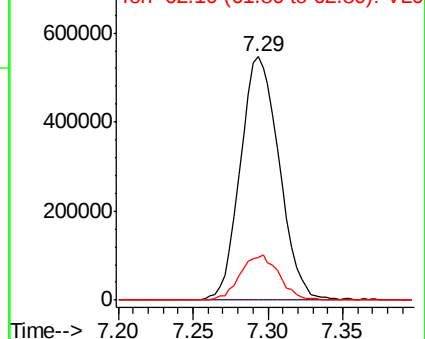
63 100

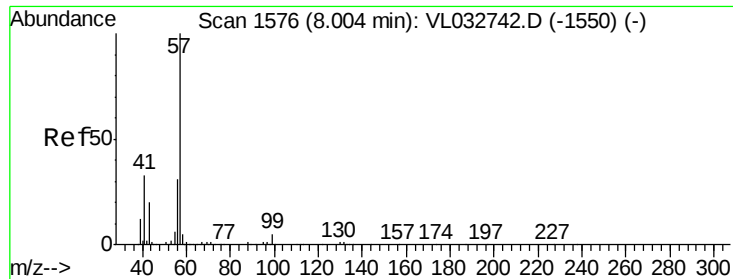
41 0.0 62.0 93.0#

62 17.6 55.4 83.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0

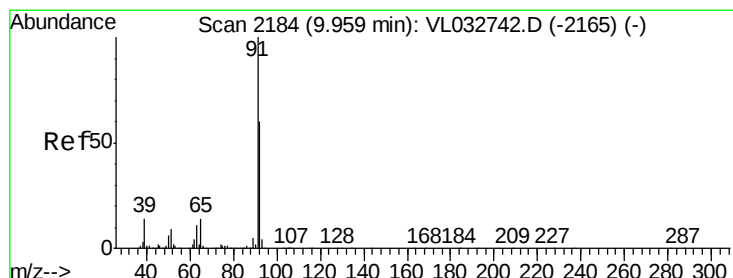
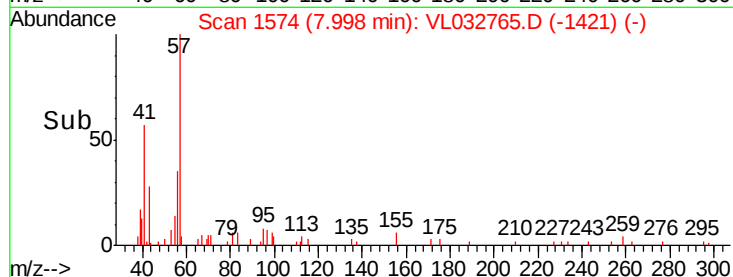
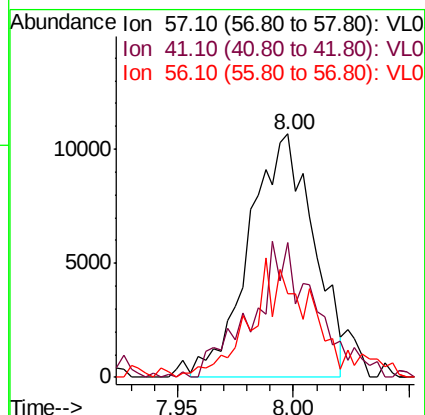
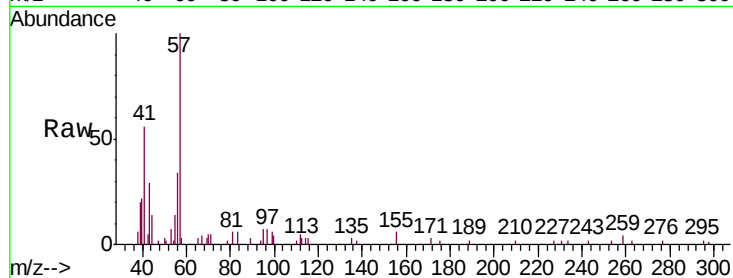




#44
 2,2,4-Trimethylpentane
 Concen: 0.039 ppbv
 RT: 8.00 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: VL032765.D
 Acq: 14 Nov 2018 19:04

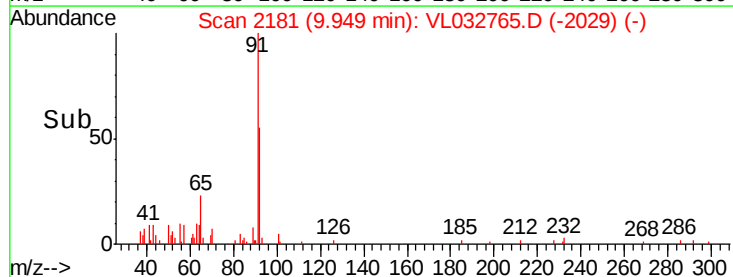
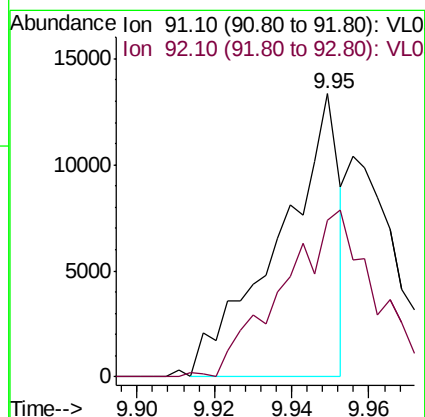
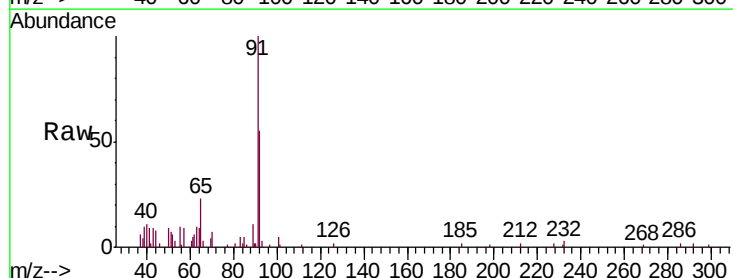
Instrument :
 MSVOA_L
 ClientSampleID :
 OA1DL

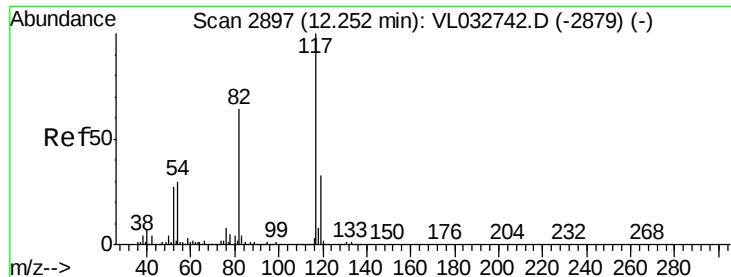
Tgt Ion: 57 Resp: 20537
 Ion Ratio Lower Upper
 57 100
 41 55.1 26.6 39.8#
 56 48.6 24.8 37.2#



#53
 Toluene
 Concen: 0.044 ppbv
 RT: 9.95 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: VL032765.D
 Acq: 14 Nov 2018 19:04

Tgt Ion: 91 Resp: 14468
 Ion Ratio Lower Upper
 91 100
 92 0.0 47.9 71.9#

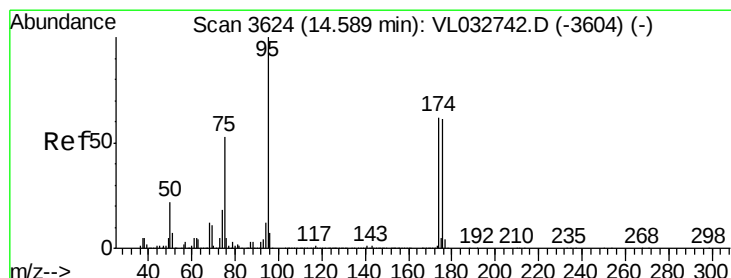
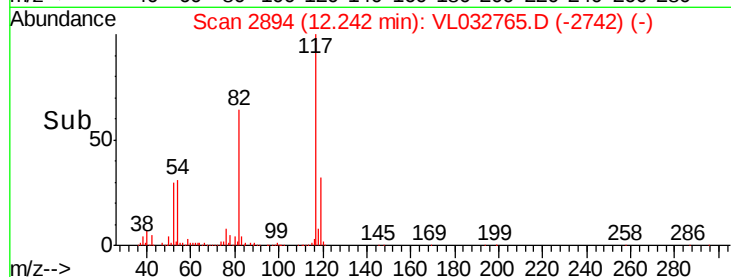
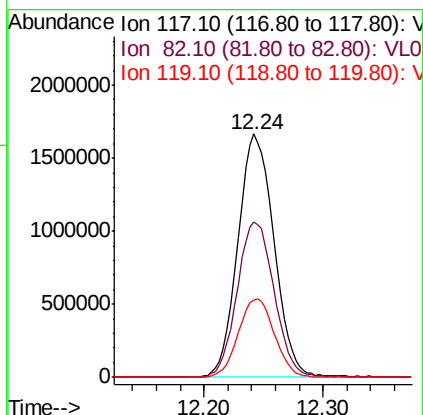
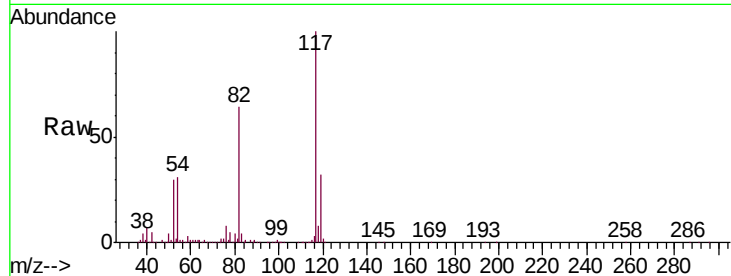




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032765.D
Acq: 14 Nov 2018 19:04

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 117 Resp: 3506593
Ion Ratio Lower Upper
117 100
82 66.0 51.0 76.6
119 32.5 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.217 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032765.D
Acq: 14 Nov 2018 19:04

Tgt Ion: 95 Resp: 2679732
Ion Ratio Lower Upper
95 100
174 63.3 50.7 76.1
175 4.7 3.8 5.6

