

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062619\
Quantitation Report (Not Reviewed)

Data File : VL033965.D
Acq On : 26 Jun 2019 13:19
Operator : SY/AP
Sample : VL0626ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0626ABL01

Quant Time: Jun 27 01:22:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	854712	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1968792	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1976690	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1607370	9.90	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

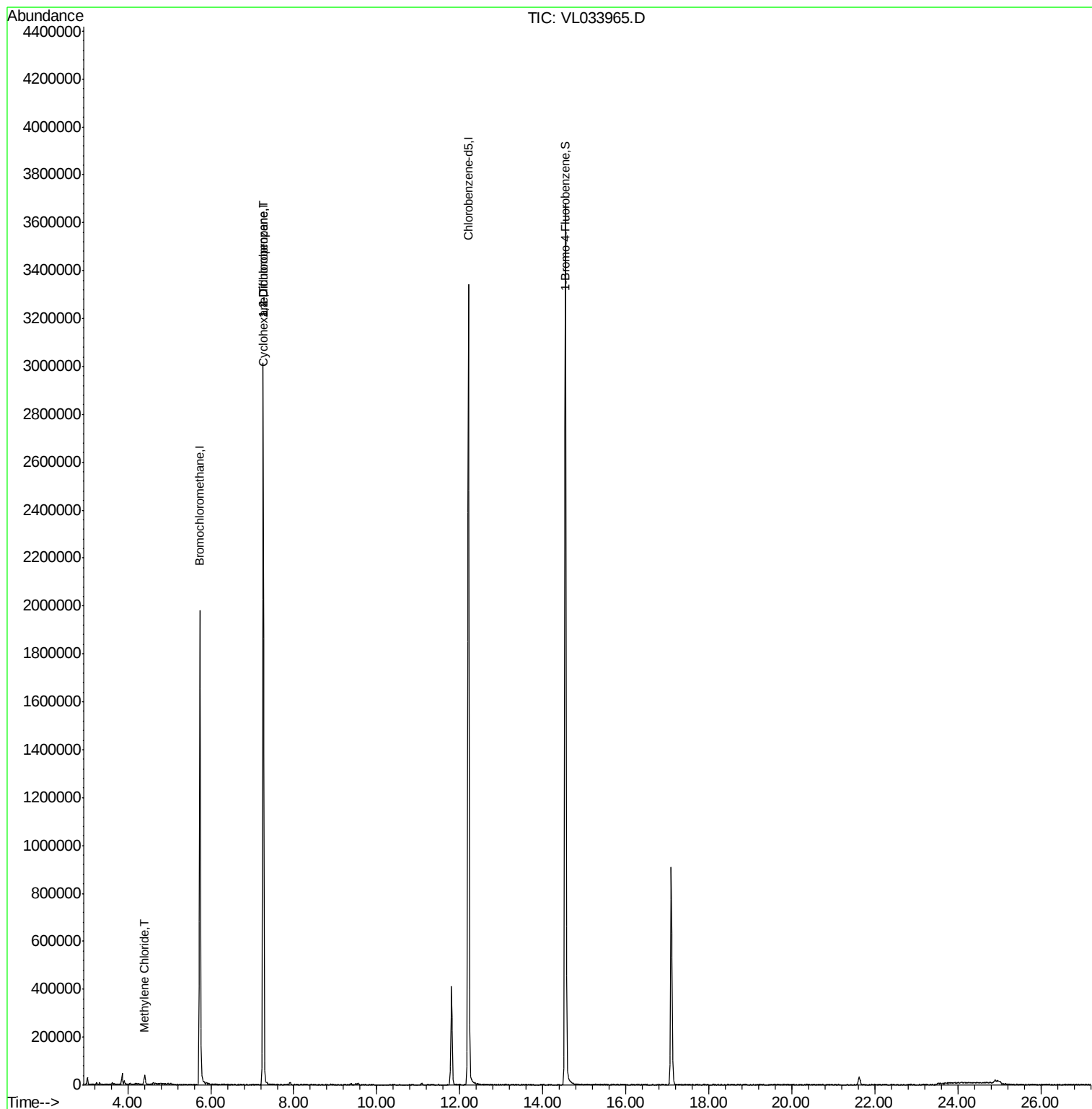
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.39	84	4794	0.099	ppbv #	76
30) Cyclohexane	7.25	84	4942	0.081	ppbv #	1
39) 1,2-Dichloropropane	7.26	63	519851	8.956	ppbv #	25

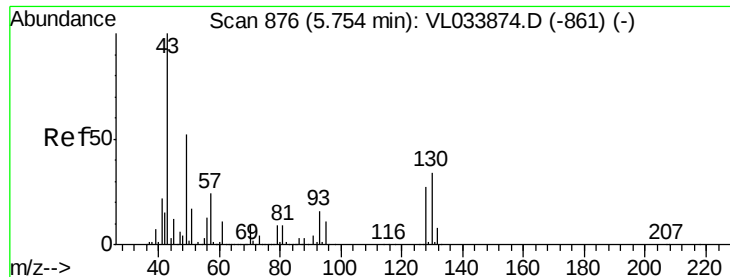
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.74 min Scan# 871

Delta R.T. -0.02 min

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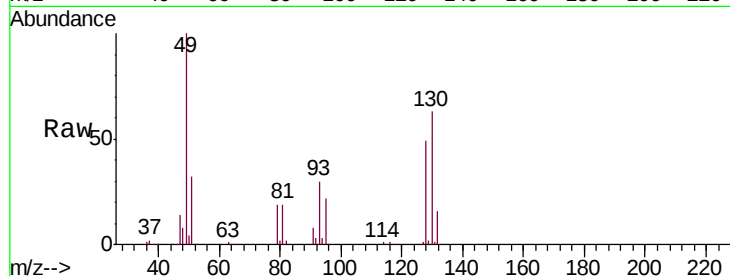
Tgt Ion: 49 Resp: 854712

Ion Ratio Lower Upper

49 100

128 50.3 25.5 76.5

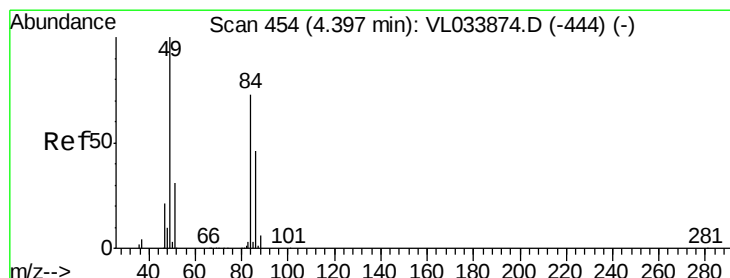
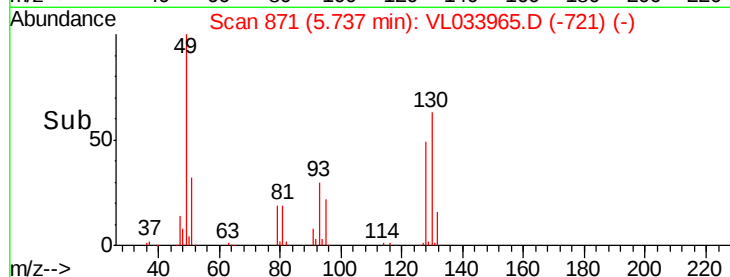
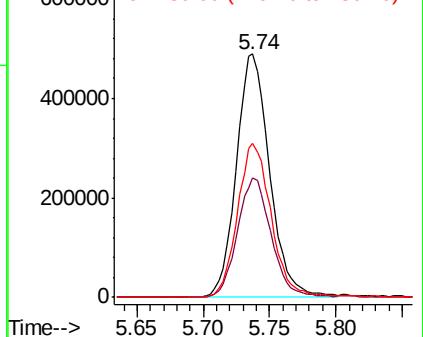
130 65.0 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.099 ppbv

RT: 4.39 min Scan# 452

Delta R.T. -0.01 min

Lab File: VL033965.D

Acq: 26 Jun 2019 13:19

Tgt Ion: 84 Resp: 4794

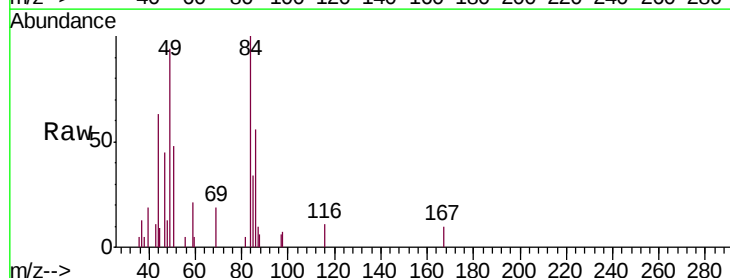
Ion Ratio Lower Upper

84 100

49 94.0 110.0 165.0#

51 48.2 34.6 51.8

86 56.3 50.6 75.8

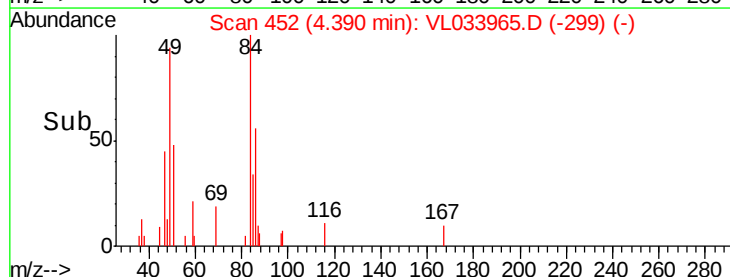
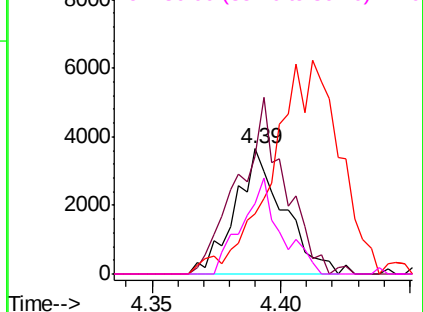


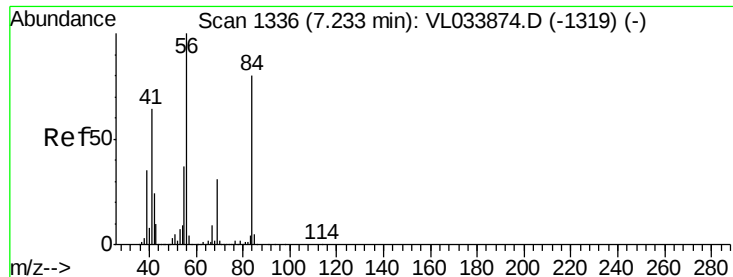
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

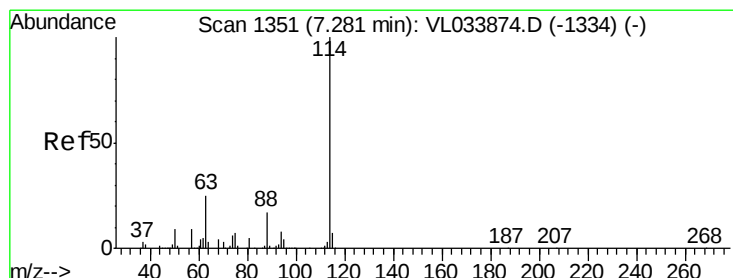
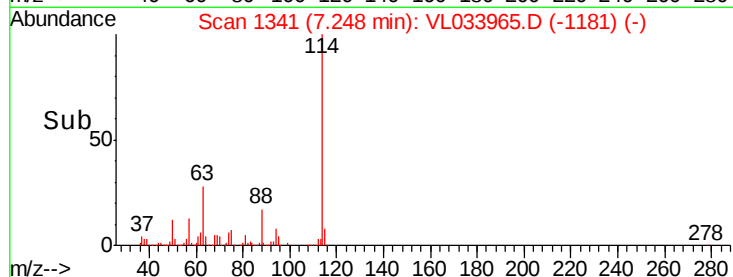
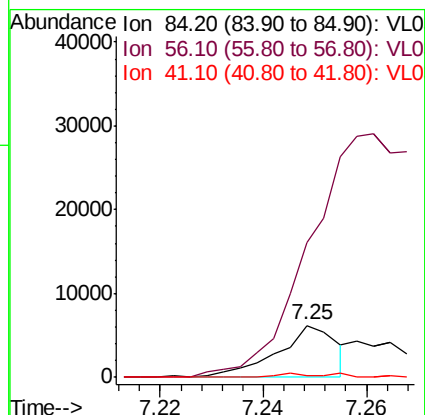
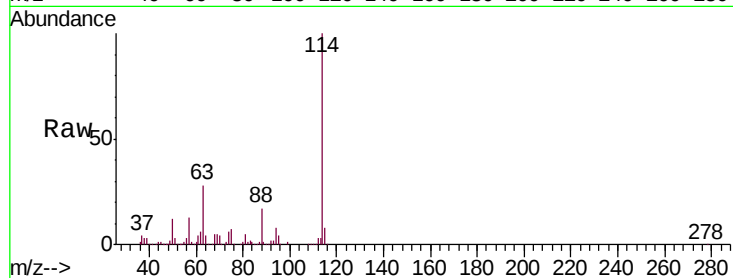




#30
Cyclohexane
Concen: 0.081 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. 0.02 min
Lab File: VL033965.D
Acq: 26 Jun 2019 13:19

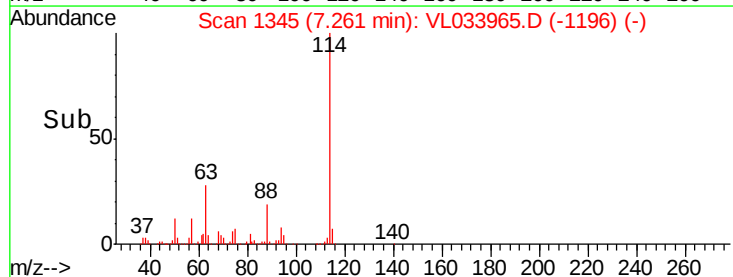
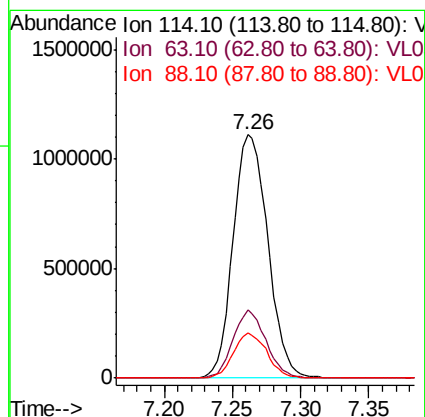
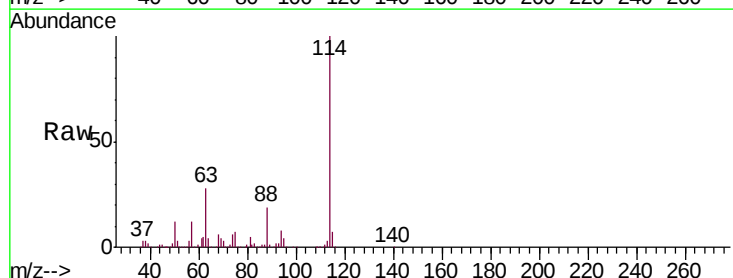
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABL01

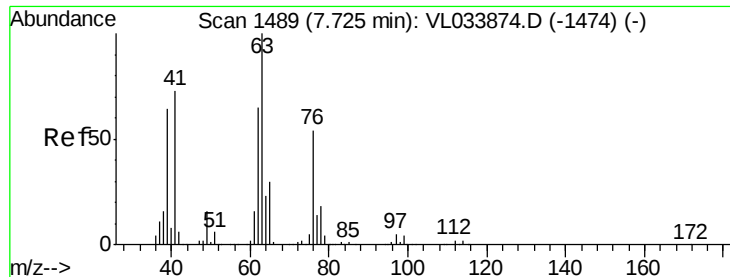
Tgt Ion: 84 Resp: 4942
Ion Ratio Lower Upper
84 100
56 0.0 105.8 158.8#
41 0.0 65.7 98.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL033965.D
Acq: 26 Jun 2019 13:19

Tgt Ion: 114 Resp: 1968792
Ion Ratio Lower Upper
114 100
63 26.5 21.1 31.7
88 18.0 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.956 ppbv

RT: 7.26 min Scan# 1345

Delta R.T. -0.46 min

Lab File: VL033965.D

Acq: 26 Jun 2019 13:19

Instrument :

MSVOA_L

ClientSampleId :

VL0626ABL01

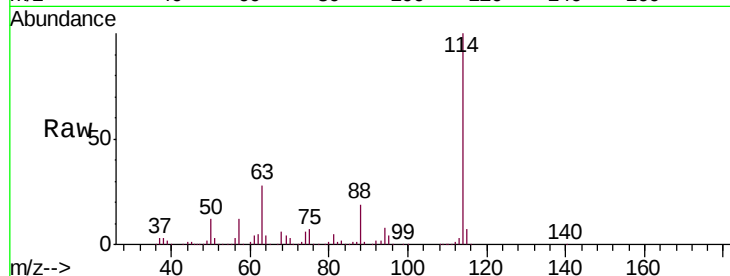
Tgt Ion: 63 Resp: 519851

Ion Ratio Lower Upper

63 100

41 0.0 58.7 88.1#

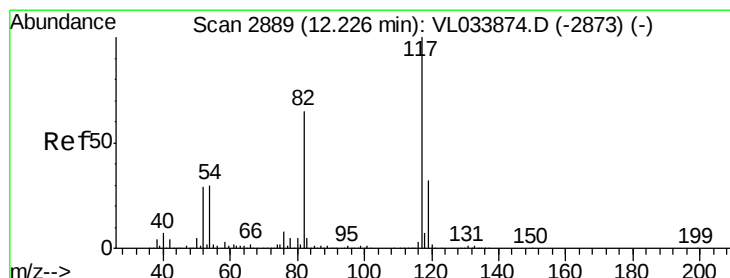
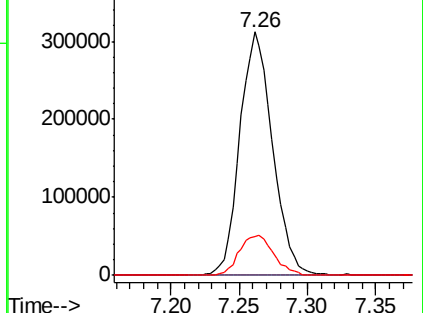
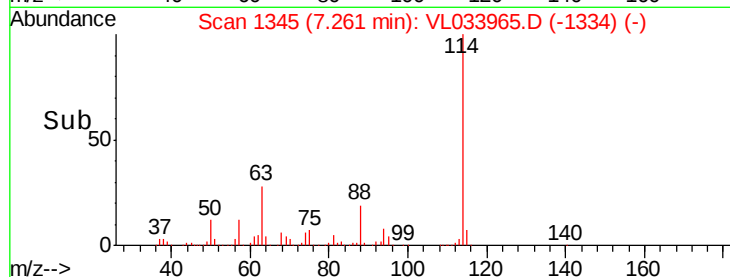
62 16.1 51.9 77.9#



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



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.21 min Scan# 2883

Delta R.T. -0.02 min

Lab File: VL033965.D

Acq: 26 Jun 2019 13:19

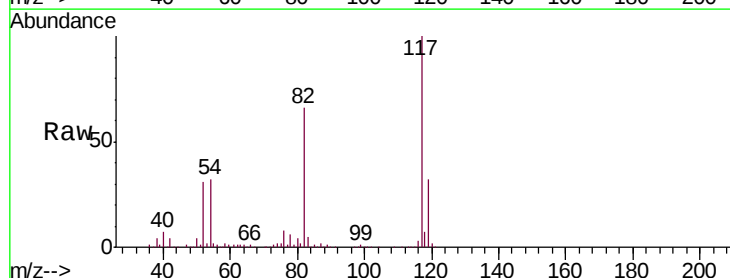
Tgt Ion: 117 Resp: 1976690

Ion Ratio Lower Upper

117 100

82 67.3 50.2 75.2

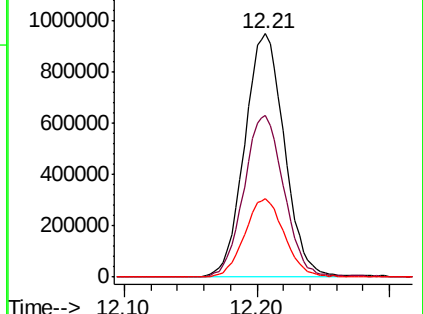
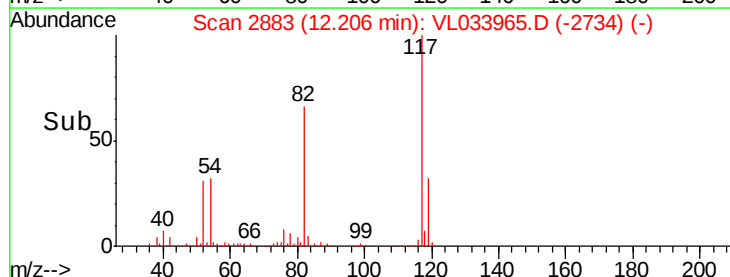
119 32.2 24.8 37.2

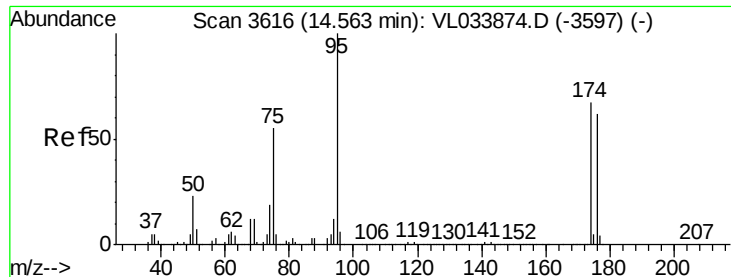


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.900 ppbv
 RT: 14.54 min Scan# 3610
 Delta R.T. -0.02 min
 Lab File: VL033965.D
 Acq: 26 Jun 2019 13:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0626ABL01

Tgt Ion: 95 Resp: 1607370
 Ion Ratio Lower Upper
 95 100
 174 65.8 54.0 81.0
 175 4.7 3.8 5.8

