

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090518\
 Data File : VL032456.D
 Acq On : 5 Sep 2018 14:03
 Operator : SY/AP
 Sample : QC082018 CAN 10271
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC082018 CAN 10271

Quant Time: Sep 06 04:59:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
 QLast Update : Fri Aug 31 21:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1637340	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.33	114	3237525	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.29	117	3046207	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2317637	10.25	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

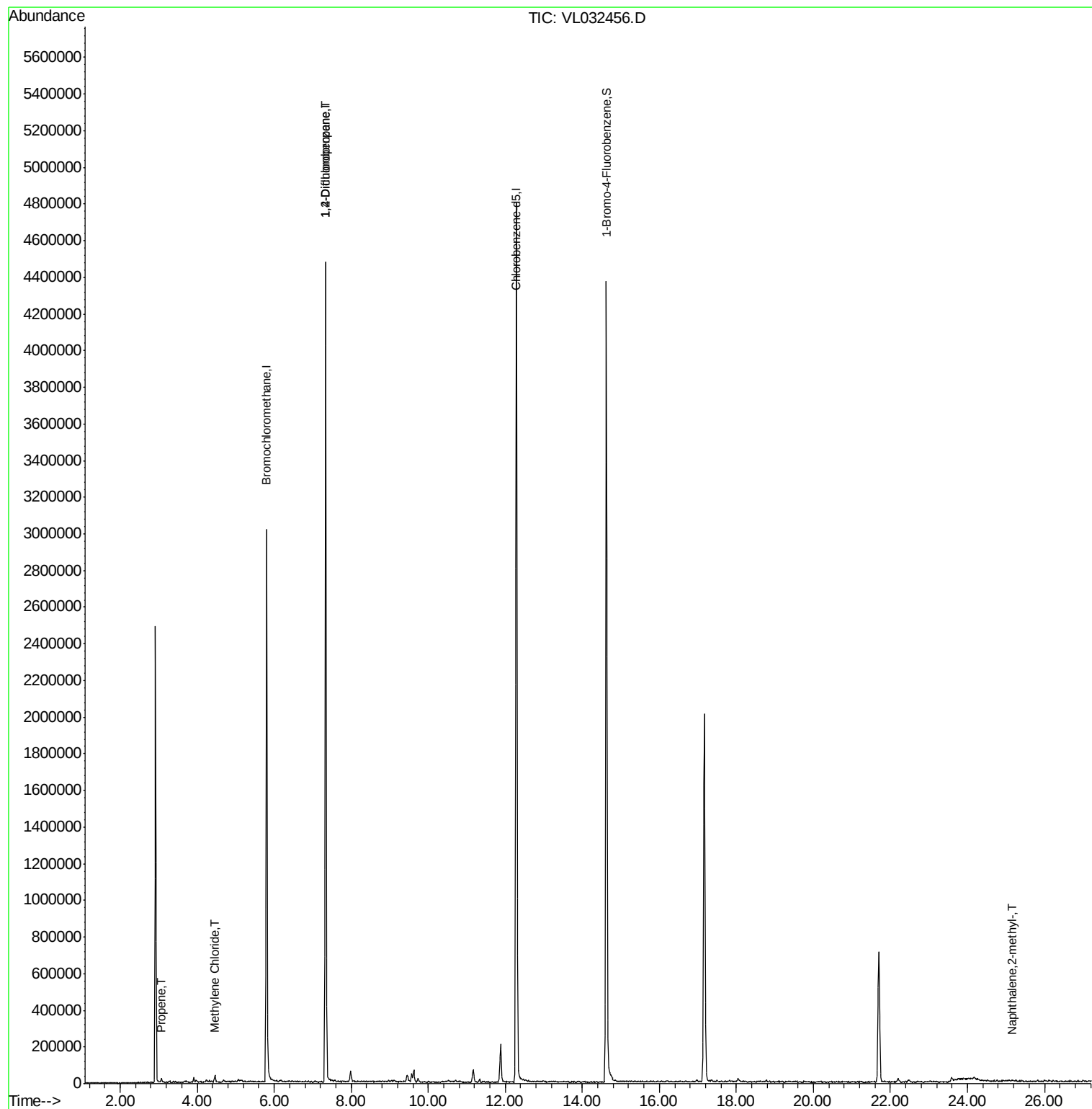
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.08	41	2617	0.044	ppbv	85
20) Methylene Chloride	4.44	84	4940	0.088	ppbv #	74
39) 1,2-Dichloropropane	7.33	63	875468	7.427	ppbv #	25
80) Naphthalene,2-methyl-	25.17	142	4380	0.053	ppbv #	90

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
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QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.80 min Scan# 1466

Delta R.T. -0.01 min

Lab File: VL032456.D

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Instrument :

MSVOA_L

ClientSampleId :

QC082018 CAN 10271

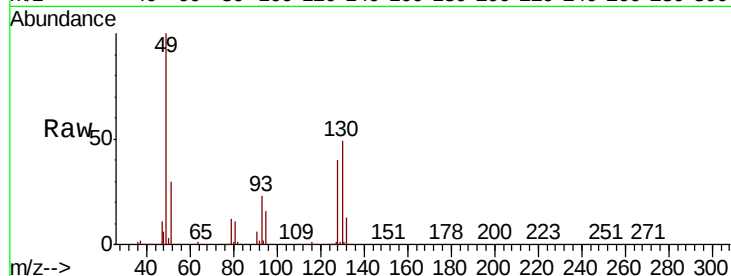
Tgt Ion: 49 Resp: 1637340

Ion Ratio Lower Upper

49 100

128 41.5 20.7 62.1

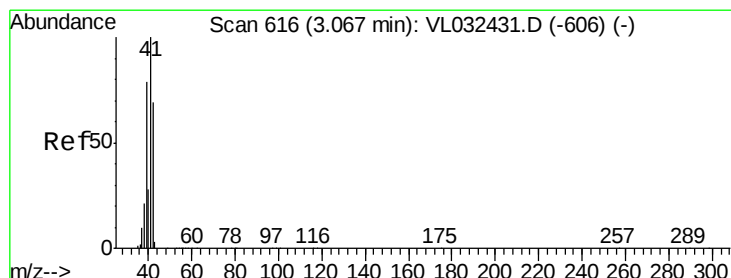
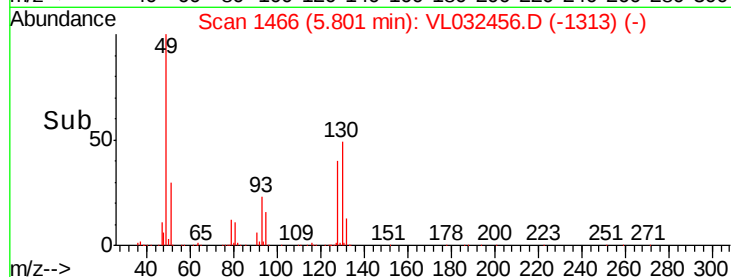
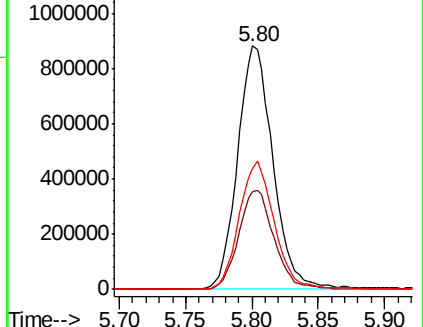
130 52.8 26.6 79.7



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



#9

Propene

Concen: 0.044 ppbv

RT: 3.08 min Scan# 619

Delta R.T. 0.01 min

Lab File: VL032456.D

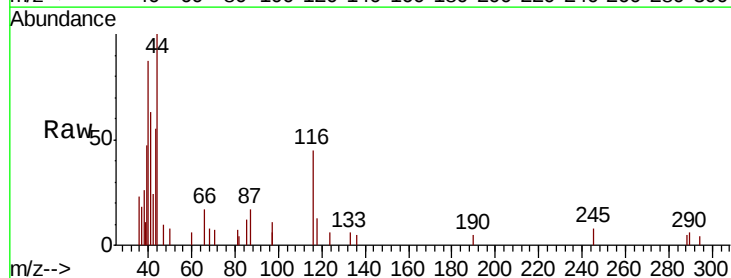
Acq: 5 Sep 2018 14:03

Tgt Ion: 41 Resp: 2617

Ion Ratio Lower Upper

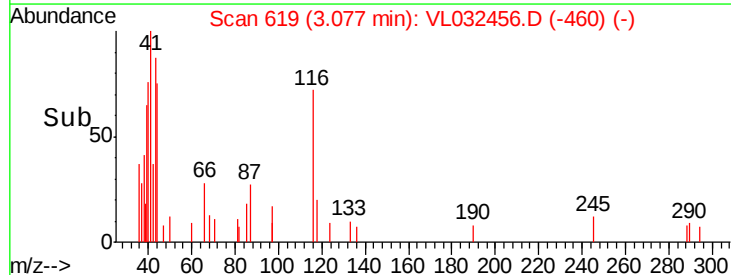
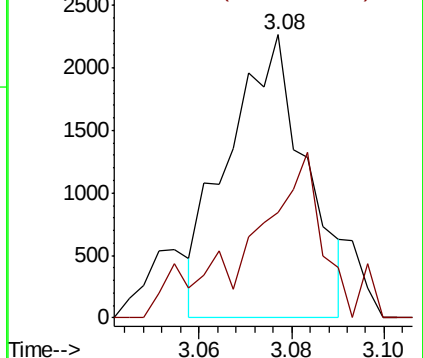
41 100

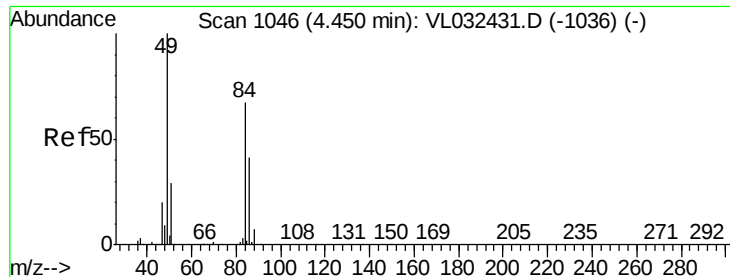
42 58.3 56.6 84.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

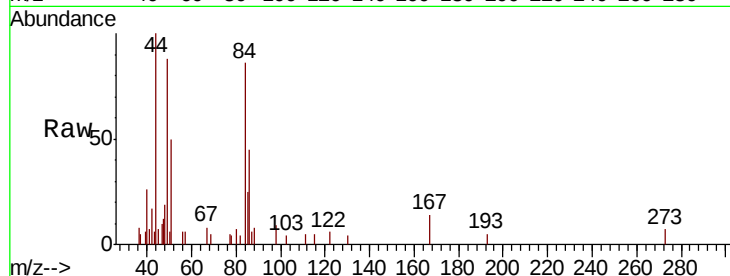




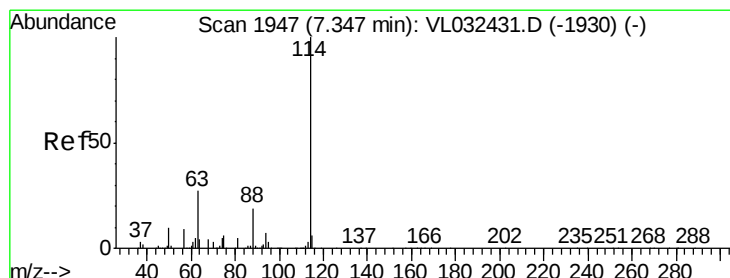
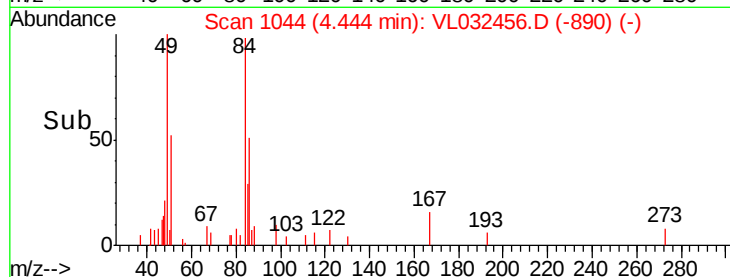
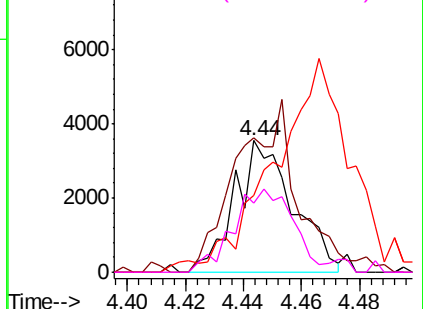
#20
Methylene Chloride
Concen: 0.088 ppbv
RT: 4.44 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VL032456.D
Acq: 5 Sep 2018 14:03

Instrument :
MSVOA_L
ClientSampleId :
QC082018 CAN 10271

Tgt Ion: 84 Resp: 4940
Ion Ratio Lower Upper
84 100
49 102.4 119.1 178.7#
51 50.3 35.2 52.8
86 52.6 49.4 74.2

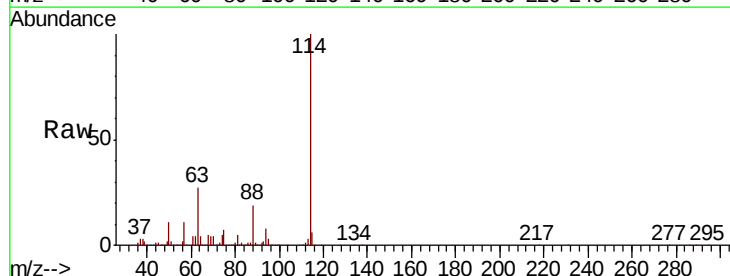


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

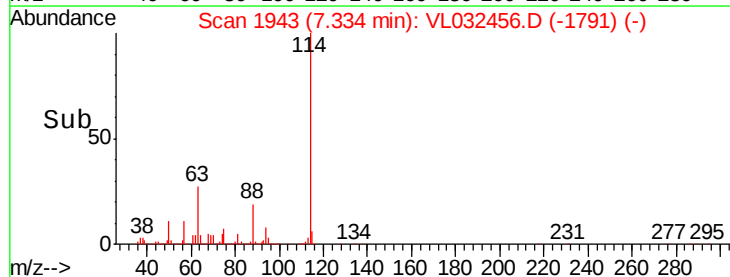
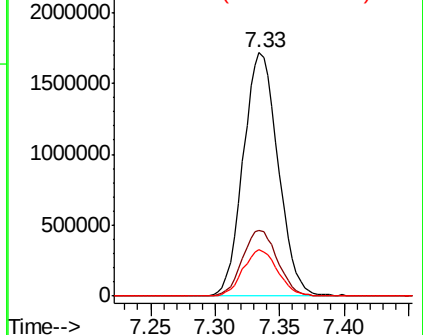


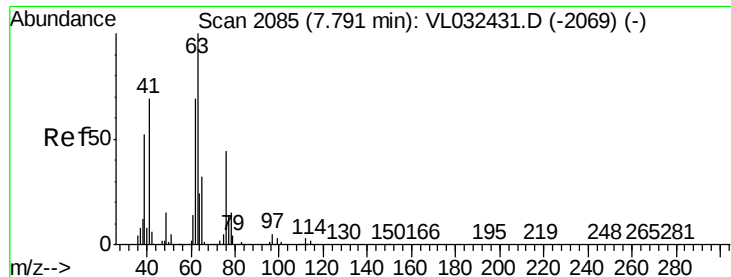
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.33 min Scan# 1943
Delta R.T. -0.01 min
Lab File: VL032456.D
Acq: 5 Sep 2018 14:03

Tgt Ion: 114 Resp: 3237525
Ion Ratio Lower Upper
114 100
63 27.2 22.2 33.4
88 18.9 15.0 22.4



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





#39

1,2-Dichloropropane

Concen: 7.427 ppbv

RT: 7.33 min Scan# 1943

Delta R.T. -0.46 min

Lab File: VL032456.D

Acq: 5 Sep 2018 14:03

Instrument :

MSVOA_L

ClientSampleId :

QC082018 CAN 10271

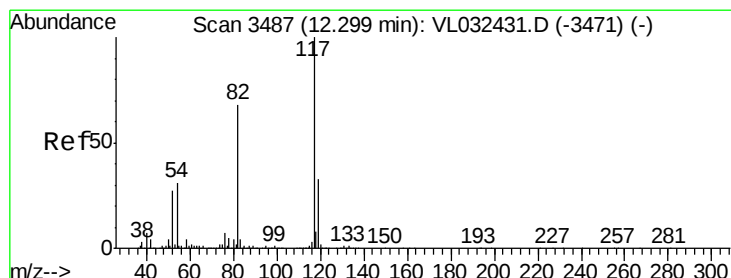
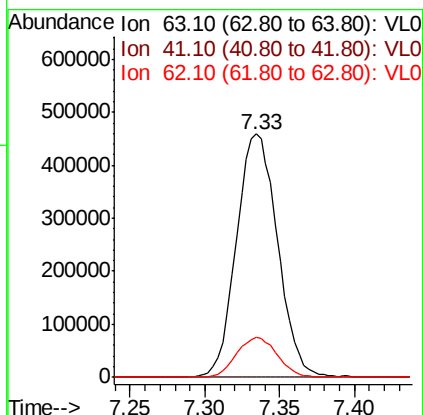
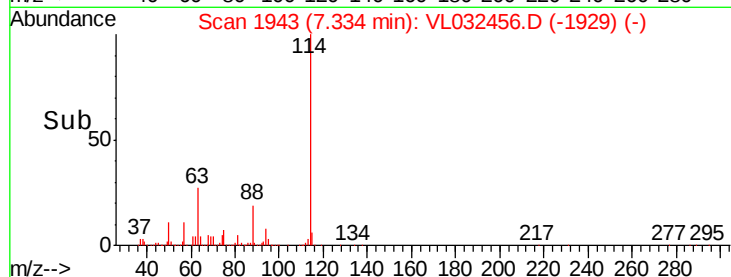
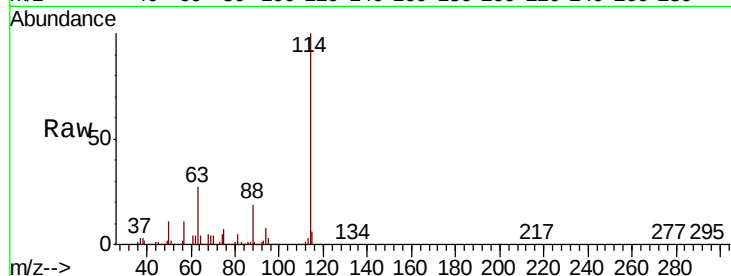
Tgt Ion: 63 Resp: 875468

Ion Ratio Lower Upper

63 100

41 0.1 55.4 83.0#

62 16.4 55.4 83.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.29 min Scan# 3484

Delta R.T. -0.01 min

Lab File: VL032456.D

Acq: 5 Sep 2018 14:03

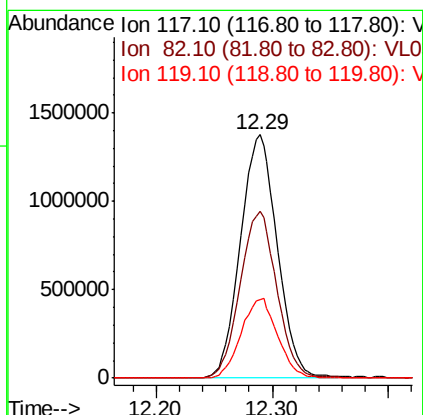
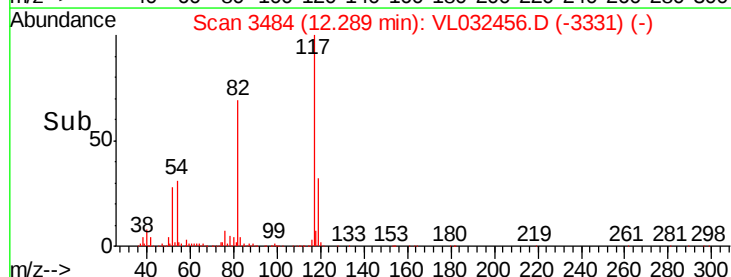
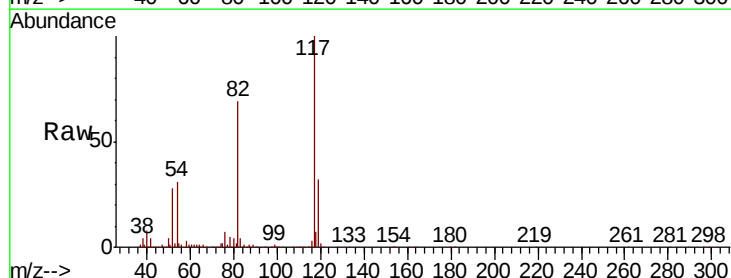
Tgt Ion: 117 Resp: 3046207

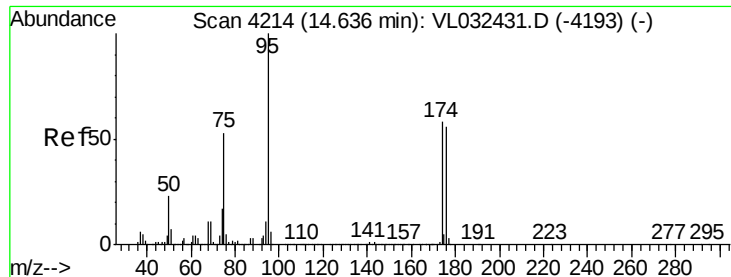
Ion Ratio Lower Upper

117 100

82 68.6 53.0 79.6

119 32.6 45.9 68.9#

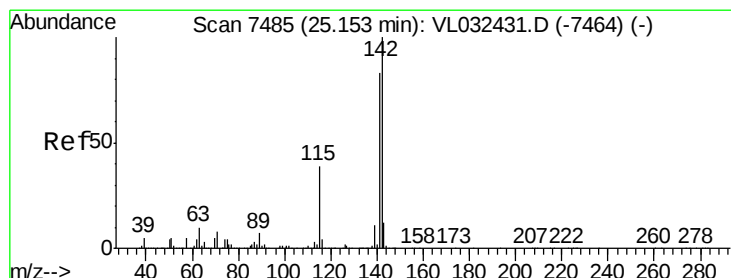
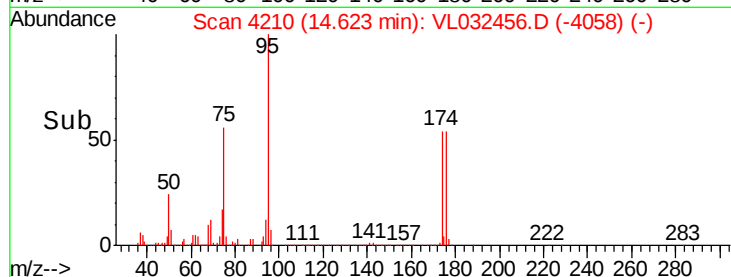
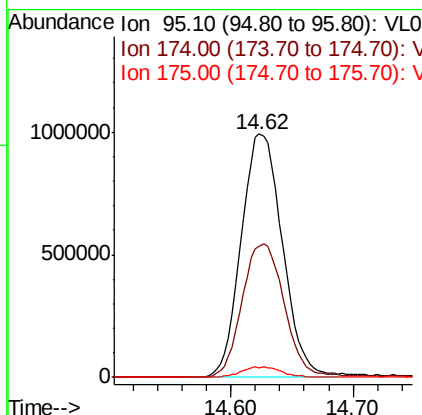
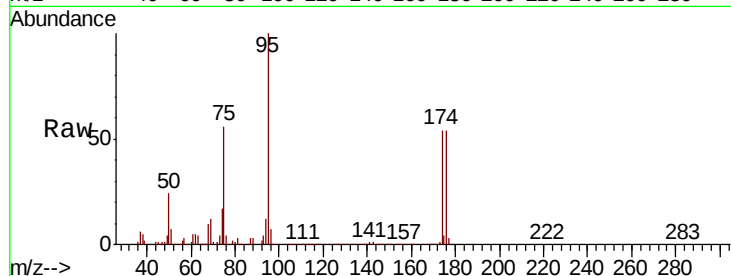




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.248 ppbv
 RT: 14.62 min Scan# 4210
 Delta R.T. -0.01 min
 Lab File: VL032456.D
 Acq: 5 Sep 2018 14:03

Instrument :
 MSVOA_L
 ClientSampleId :
 QC082018 CAN 10271

Tgt Ion: 95 Resp: 2317637
 Ion Ratio Lower Upper
 95 100
 174 57.3 46.3 69.5
 175 4.1 3.4 5.0



#80
 Naphthalene, 2-methyl-
 Concen: 0.053 ppbv
 RT: 25.17 min Scan# 7489
 Delta R.T. 0.01 min
 Lab File: VL032456.D
 Acq: 5 Sep 2018 14:03

Tgt Ion: 142 Resp: 4380
 Ion Ratio Lower Upper
 142 100
 141 91.5 67.0 100.6
 115 47.0 31.3 46.9#

