

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070518\
 Data File : VL032214.D
 Acq On : 5 Jul 2018 22:04
 Operator : SY/AP
 Sample : QC062818 CAN 10197
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062818 CAN 10197

Quant Time: Jul 06 04:30:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1414969	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3712405	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.33	117	3732203	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2904045	10.18	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

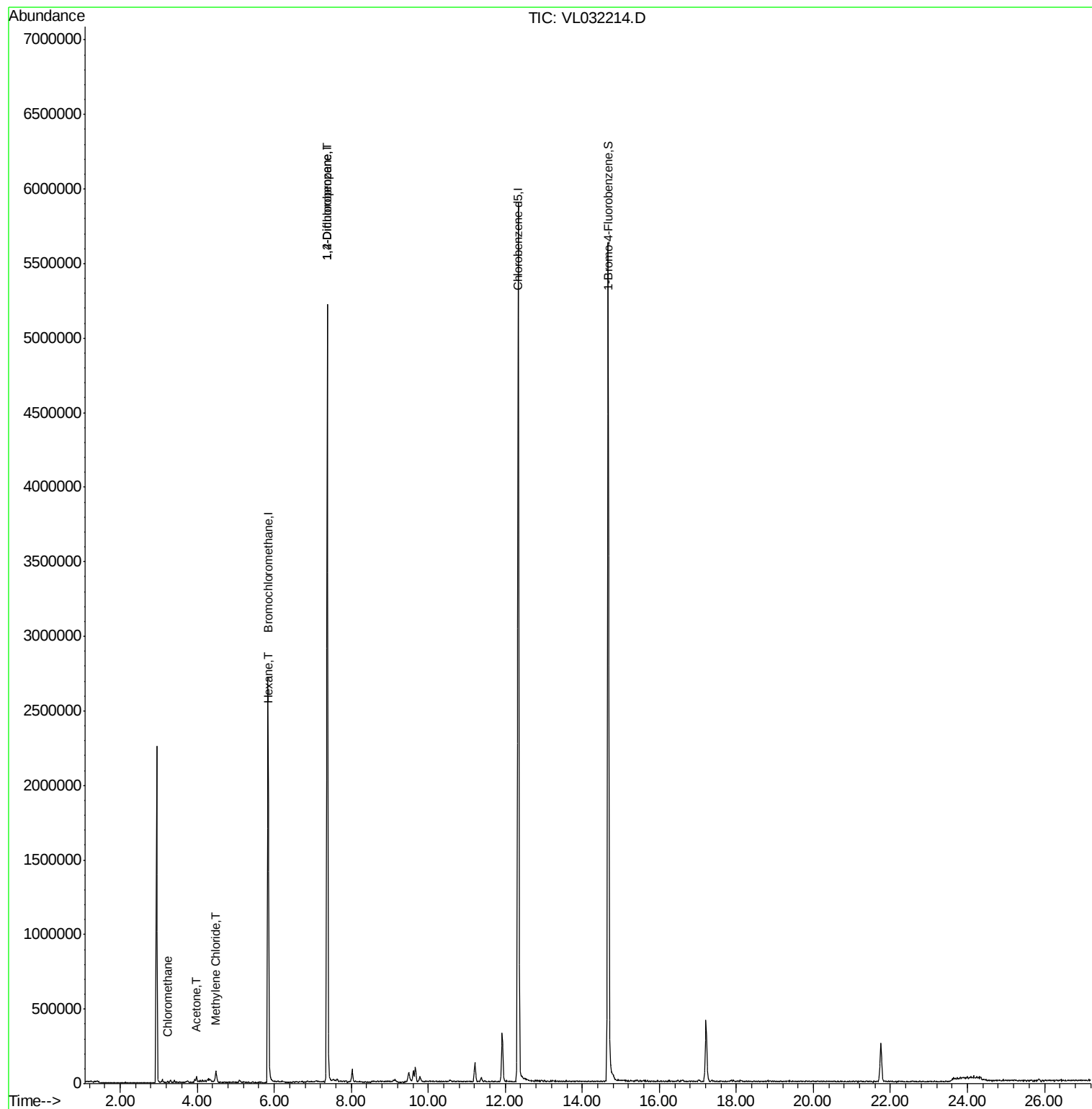
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	3.23	50	3119	0.034	ppbv	90
15) Acetone	3.98	43	40743	0.246	ppbv	96
20) Methylene Chloride	4.47	84	5228	0.086	ppbv #	56
26) Hexane	5.86	57	8175	0.052	ppbv #	41
39) 1,2-Dichloropropane	7.38	63	1039074	7.332	ppbv #	26

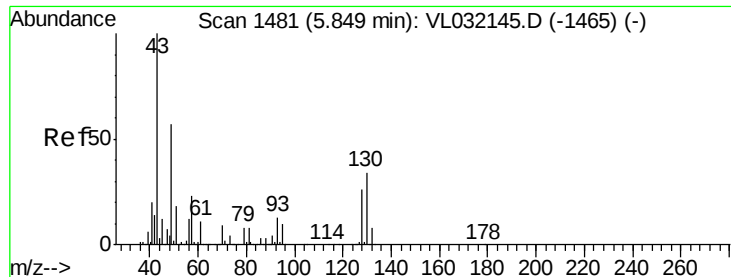
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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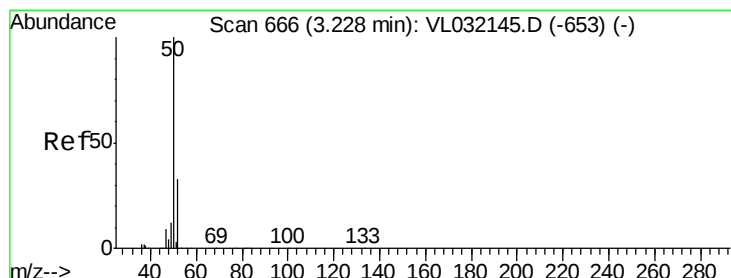
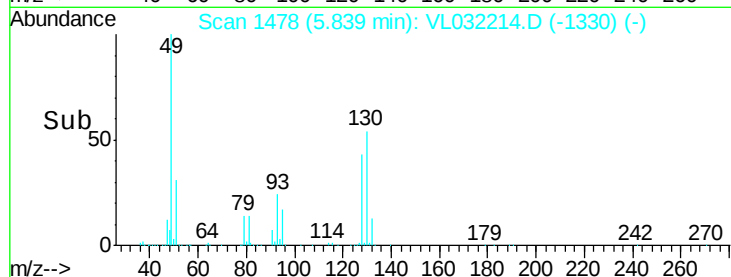
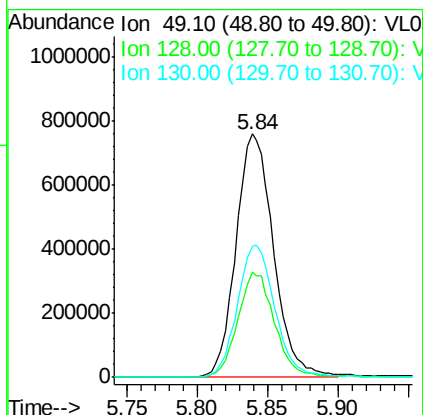
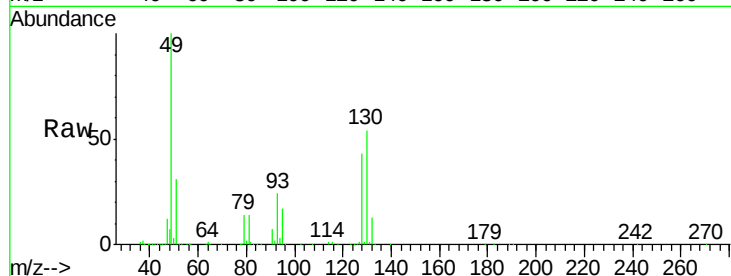




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.84 min Scan# 1478
Delta R.T. -0.02 min
Lab File: VL032214.D
Acq: 5 Jul 2018 22:04

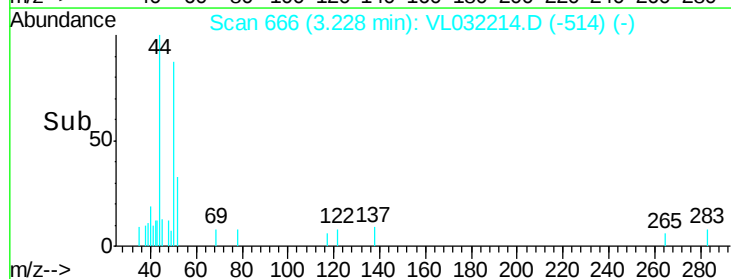
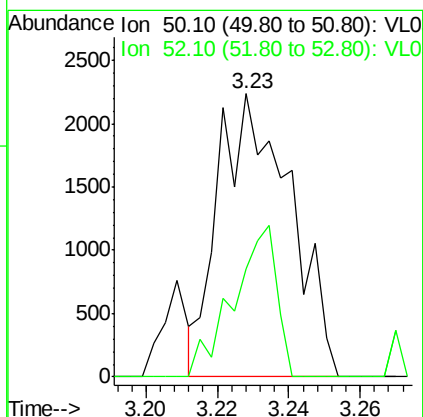
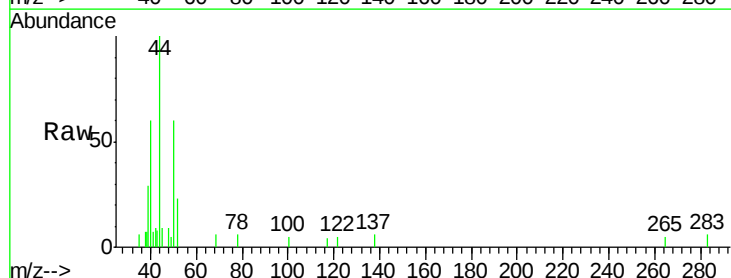
Instrument :
MSVOA_L
ClientSampleId :
QC062818 CAN 10197

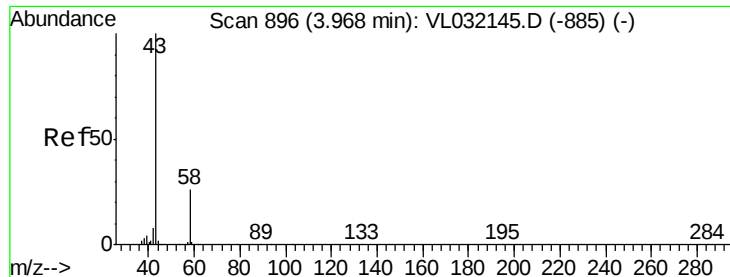
Tgt Ion: 49 Resp: 1414969
Ion Ratio Lower Upper
49 100
128 43.3 23.4 70.0
130 54.9 30.3 90.9



#4
Chloromethane
Concen: 0.034 ppbv
RT: 3.23 min Scan# 666
Delta R.T. -0.01 min
Lab File: VL032214.D
Acq: 5 Jul 2018 22:04

Tgt Ion: 50 Resp: 3119
Ion Ratio Lower Upper
50 100
52 38.1 26.0 39.0





#15

Acetone

Concen: 0.246 ppbv

RT: 3.98 min Scan# 900

Delta R.T. 0.00 min

Lab File: VL032214.D

Acq: 5 Jul 2018 22:04

Instrument :

MSVOA_L

ClientSampleId :

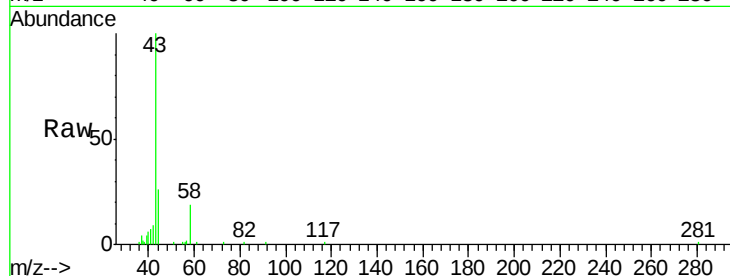
QC062818 CAN 10197

Tgt Ion: 43 Resp: 40743

Ion Ratio Lower Upper

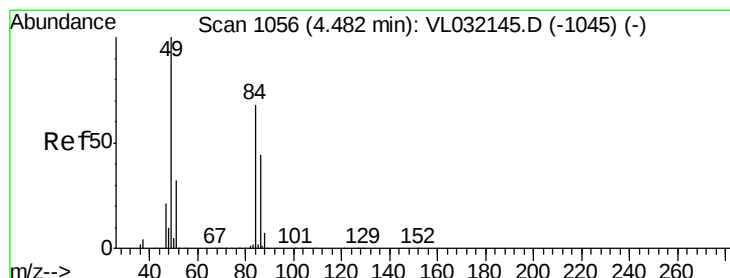
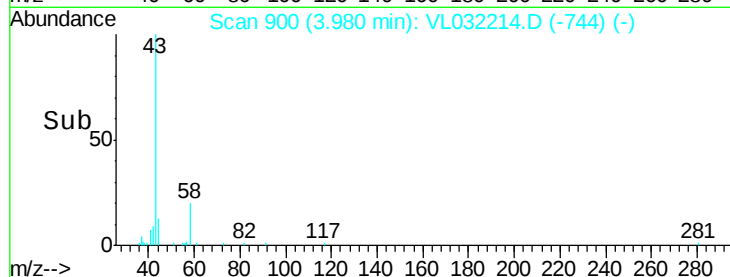
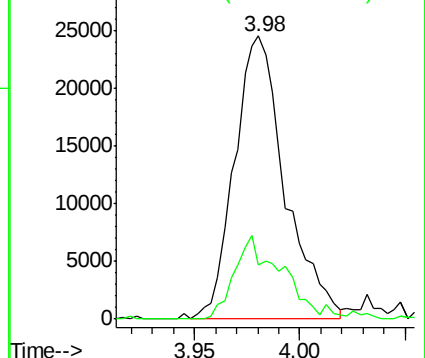
43 100

58 28.9 21.4 32.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.086 ppbv

RT: 4.47 min Scan# 1053

Delta R.T. -0.02 min

Lab File: VL032214.D

Acq: 5 Jul 2018 22:04

Tgt Ion: 84 Resp: 5228

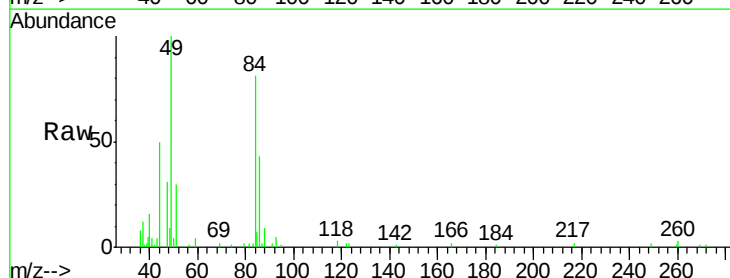
Ion Ratio Lower Upper

84 100

49 81.0 119.6 179.4#

51 16.9 36.3 54.5#

86 47.7 49.7 74.5#

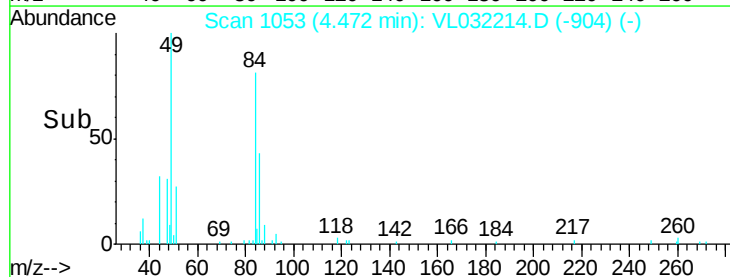
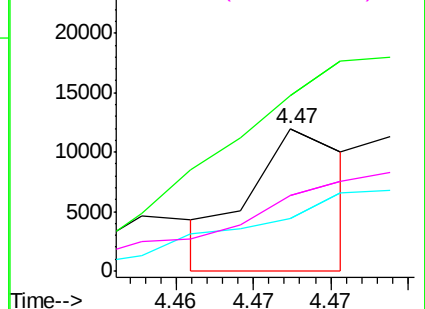


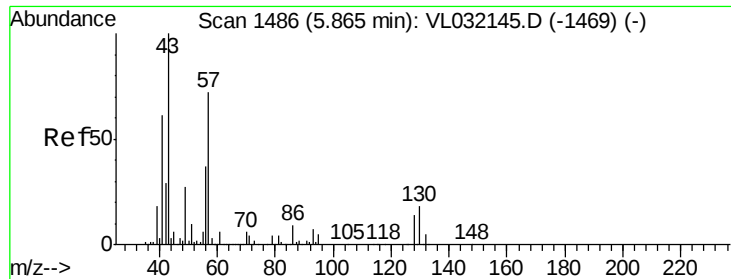
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

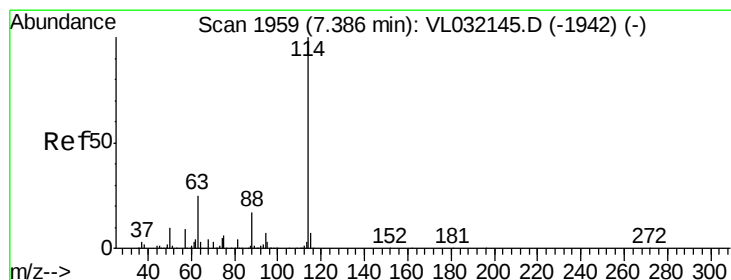
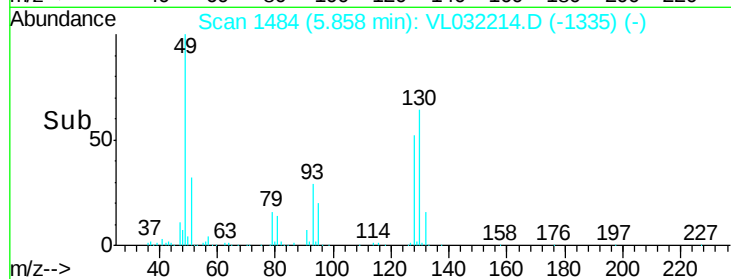
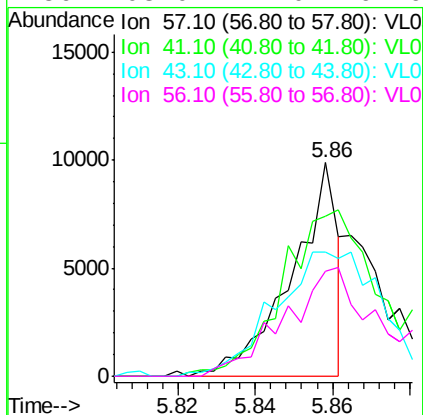
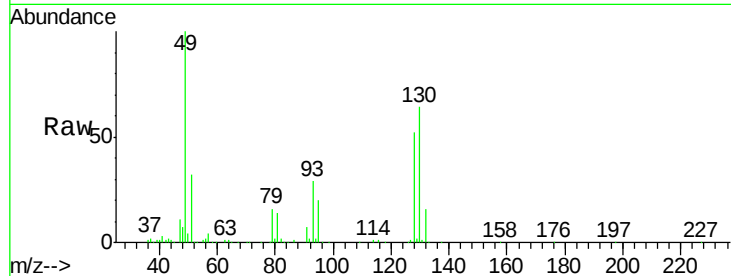




#26
Hexane
Concen: 0.052 ppbv
RT: 5.86 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VL032214.D
Acq: 5 Jul 2018 22:04

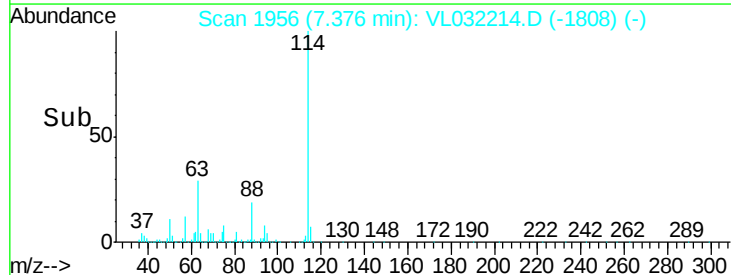
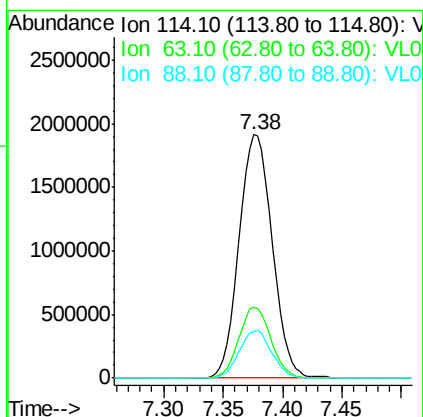
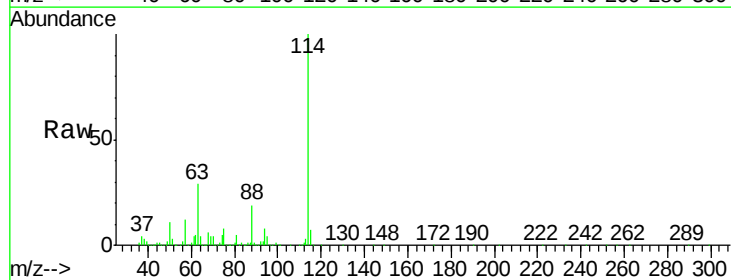
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QC062818 CAN 10197

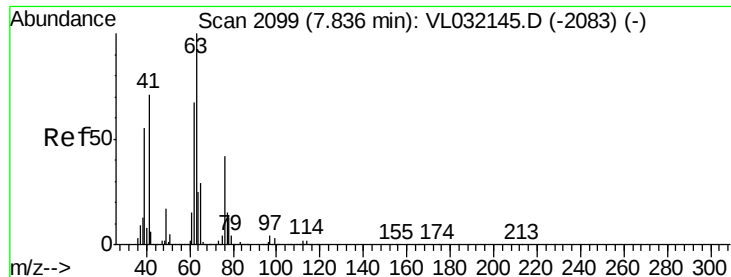
Tgt Ion: 57 Resp: 8175
Ion Ratio Lower Upper
57 100
41 162.2 68.6 103.0#
43 139.2 168.6 252.8#
56 103.0 41.0 61.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.38 min Scan# 1956
Delta R.T. -0.02 min
Lab File: VL032214.D
Acq: 5 Jul 2018 22:04

Tgt Ion: 114 Resp: 3712405
Ion Ratio Lower Upper
114 100
63 28.2 19.1 28.7
88 19.1 13.9 20.9





#39

1,2-Dichloropropane

Concen: 7.332 ppbv

RT: 7.38 min Scan# 1956

Delta R.T. -0.47 min

Lab File: VL032214.D

Acq: 5 Jul 2018 22:04

Instrument :

MSVOA_L

ClientSampleId :

QC062818 CAN 10197

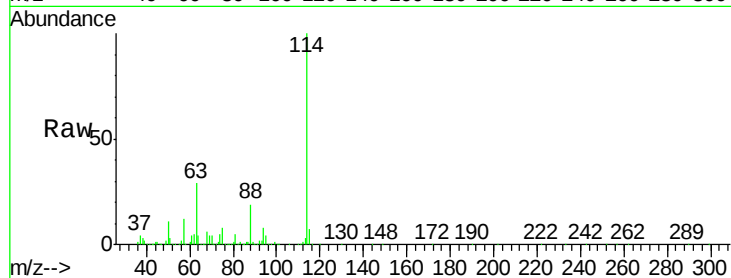
Tgt Ion: 63 Resp: 1039074

Ion Ratio Lower Upper

63 100

41 0.1 53.3 79.9#

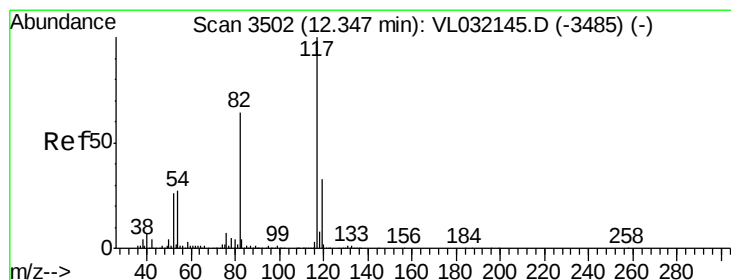
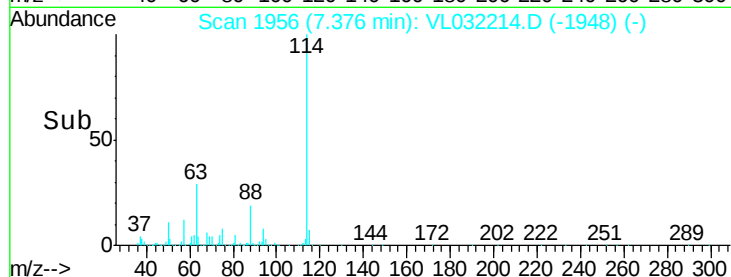
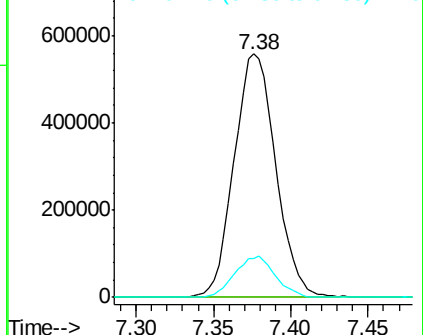
62 16.0 54.8 82.2#



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



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.33 min Scan# 3498

Delta R.T. -0.03 min

Lab File: VL032214.D

Acq: 5 Jul 2018 22:04

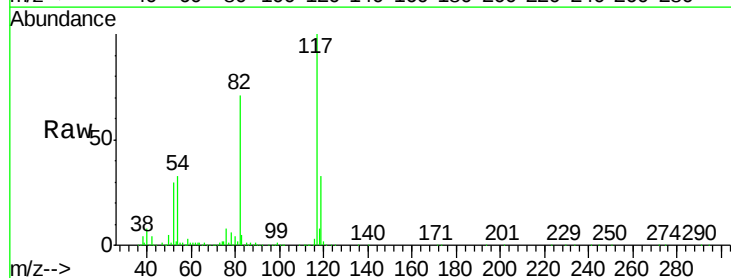
Tgt Ion: 117 Resp: 3732203

Ion Ratio Lower Upper

117 100

82 71.2 47.8 71.8

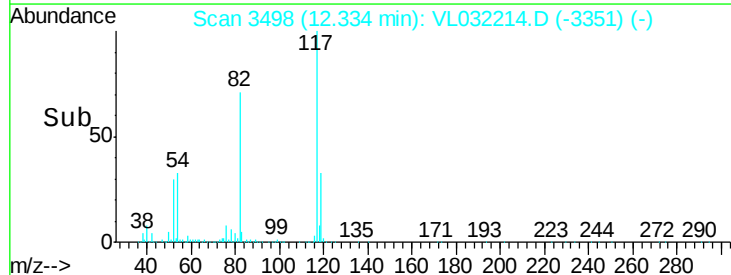
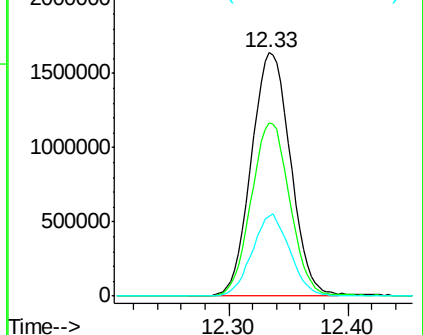
119 32.6 43.3 64.9#

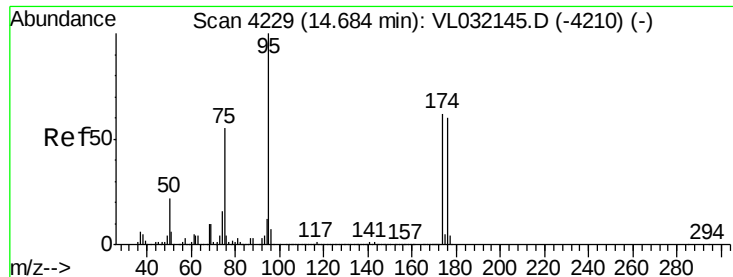


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.179 ppbv

RT: 14.67 min Scan# 4225

Delta R.T. -0.03 min

Lab File: VL032214.D

Acq: 5 Jul 2018 22:04

Instrument :

MSVOA_L

ClientSampleId :

QC062818 CAN 10197

Tgt Ion: 95 Resp: 2904045

Ion Ratio Lower Upper

95 100

174 56.6 52.1 78.1

175 4.2 4.0 6.0

