

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041019\
Quantitation Report (Not Reviewed)

Data File : VL033567.D
Acq On : 10 Apr 2019 16:57
Operator : SY/AP
Sample : QC040319 CAN 10284
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC040319 CAN 10284

Quant Time: Apr 11 03:44:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	895212	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2181901	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2121341	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1680915	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

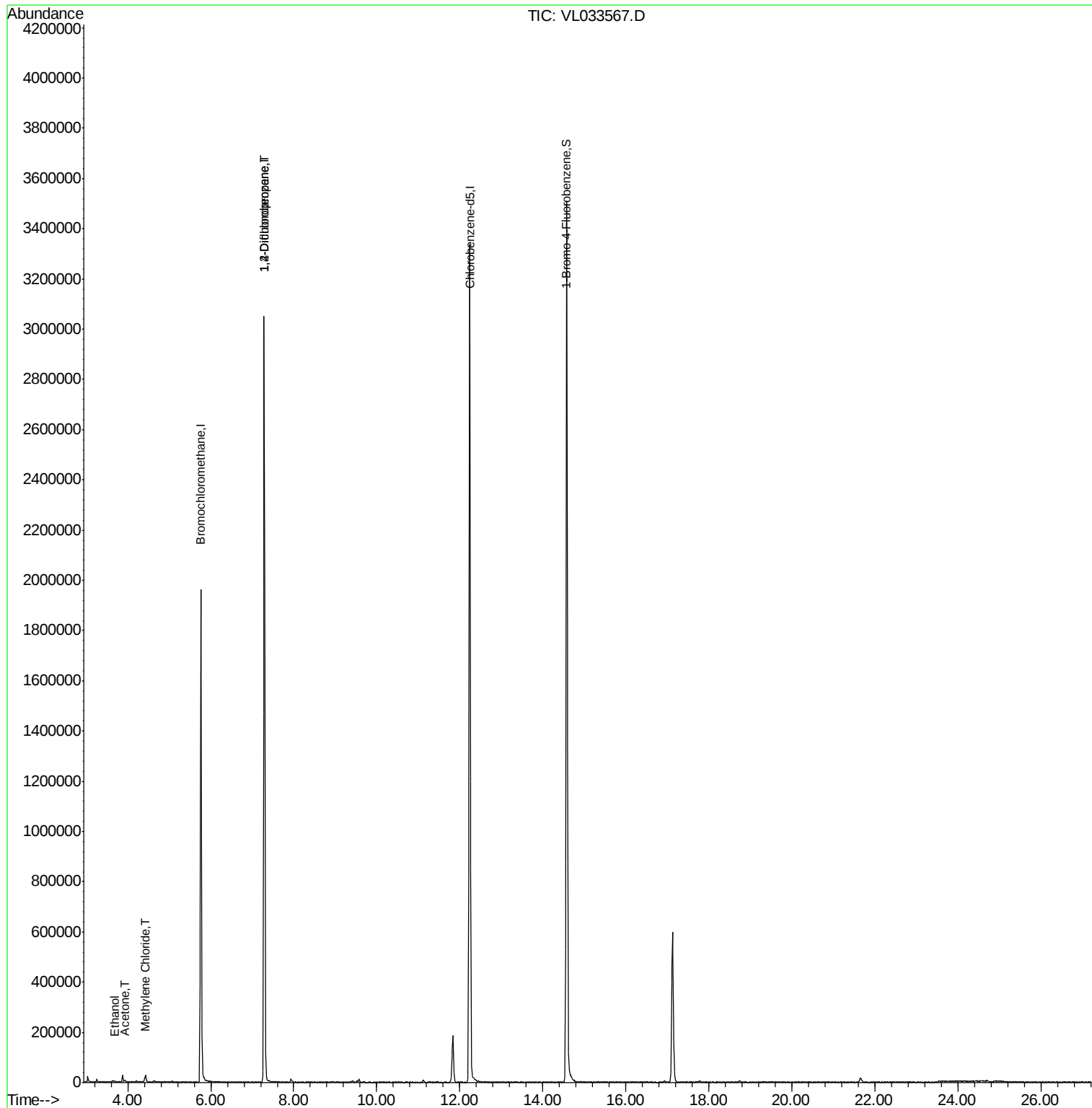
Target Compounds					Qvalue	
13) Ethanol	3.68	45	344	0.031	ppbv #	42
15) Acetone	3.93	43	4517	0.042	ppbv #	49
20) Methylene Chloride	4.41	84	4388	0.096	ppbv #	88
39) 1,2-Dichloropropane	7.29	63	555509	7.746	ppbv #	23

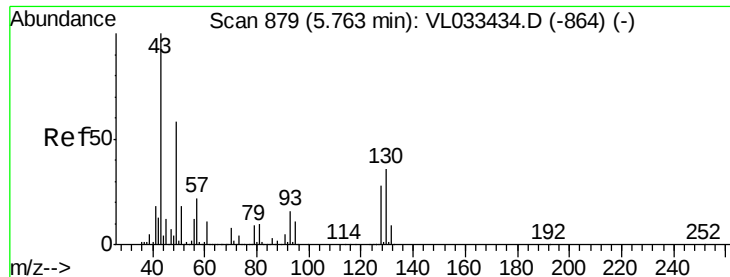
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

Lab File: VL033567.D

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Instrument :

MSVOA_L

ClientSampleId :

QC040319 CAN 10284

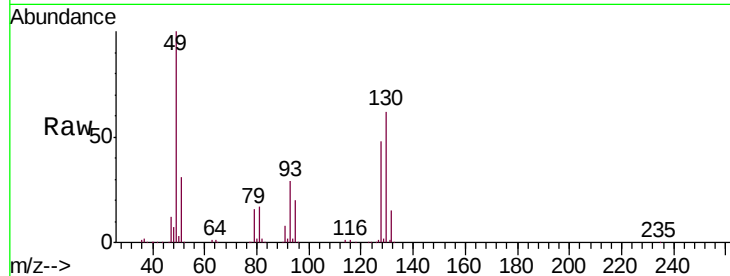
Tgt Ion: 49 Resp: 895212

Ion Ratio Lower Upper

49 100

128 50.7 24.0 72.0

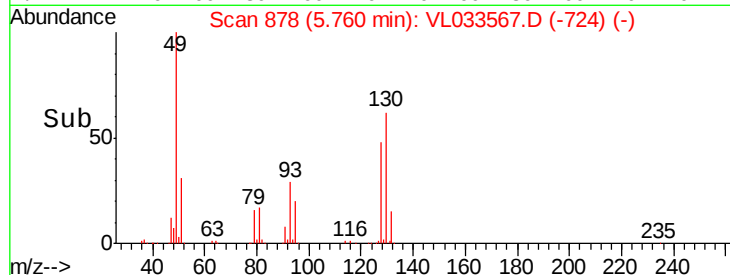
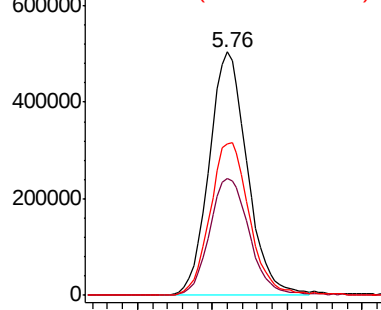
130 65.4 31.2 93.6



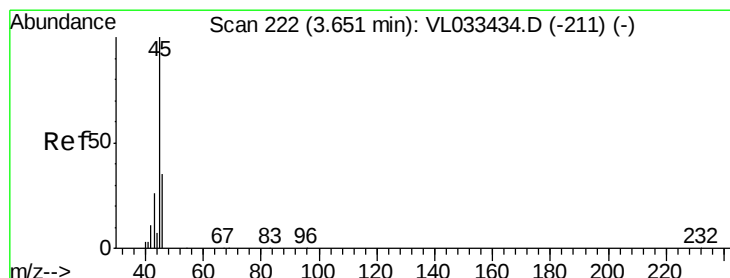
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Time-->



#13

Ethanol

Concen: 0.031 ppbv

RT: 3.68 min Scan# 230

Delta R.T. 0.03 min

Lab File: VL033567.D

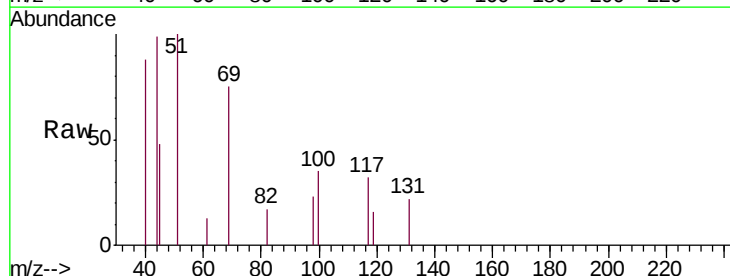
Acq: 10 Apr 2019 16:57

Tgt Ion: 45 Resp: 344

Ion Ratio Lower Upper

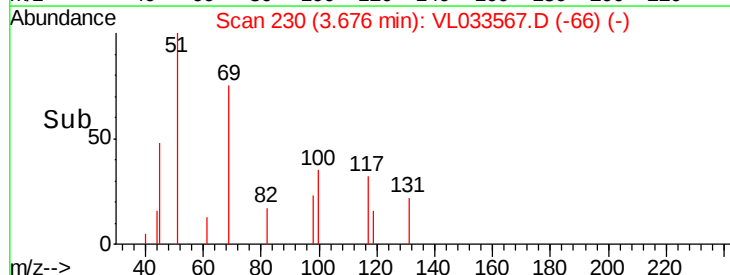
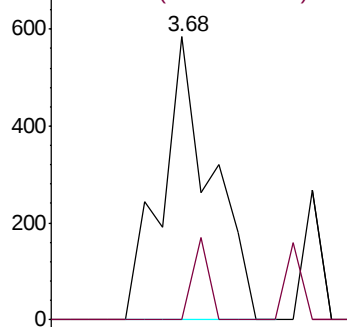
45 100

46 18.3 25.4 101.8#

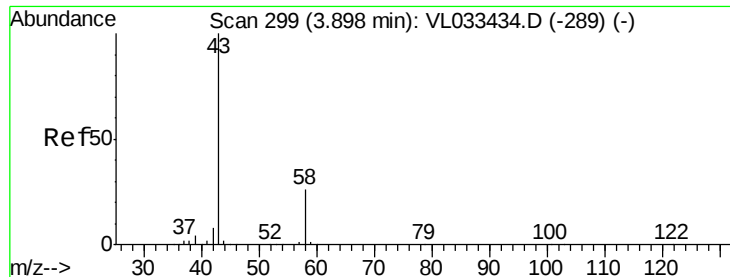


Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



Time-->



#15

Acetone

Concen: 0.042 ppbv

RT: 3.93 min Scan# 310

Delta R.T. 0.04 min

Lab File: VL033567.D

Acq: 10 Apr 2019 16:57

Instrument :

MSVOA_L

ClientSampleId :

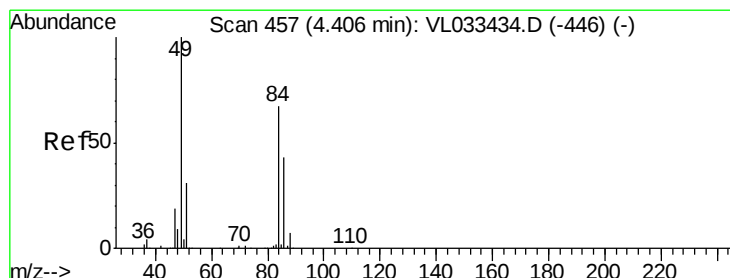
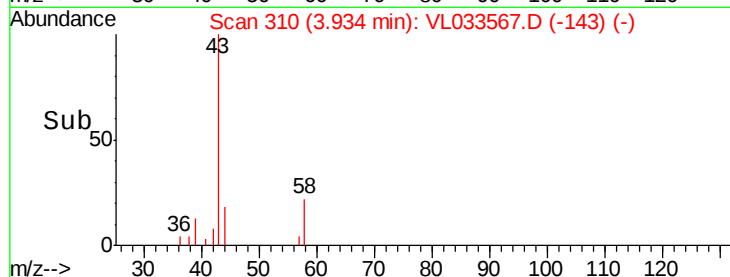
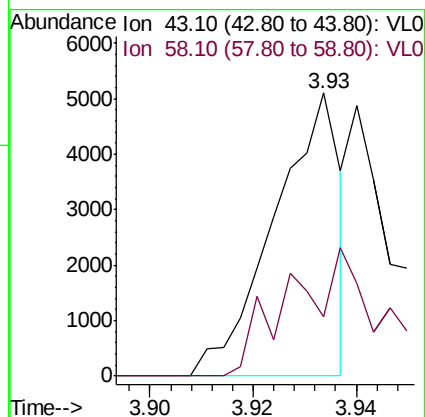
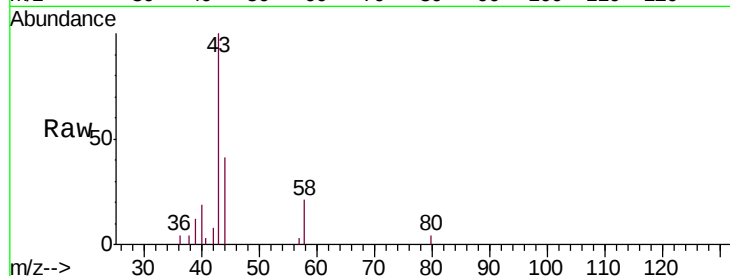
QC040319 CAN 10284

Tgt Ion: 43 Resp: 4517

Ion Ratio Lower Upper

43 100

58 0.0 20.5 30.7#



#20

Methylene Chloride

Concen: 0.096 ppbv

RT: 4.41 min Scan# 458

Delta R.T. 0.00 min

Lab File: VL033567.D

Acq: 10 Apr 2019 16:57

Tgt Ion: 84 Resp: 4388

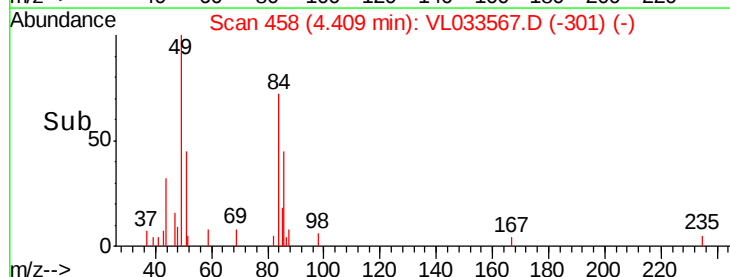
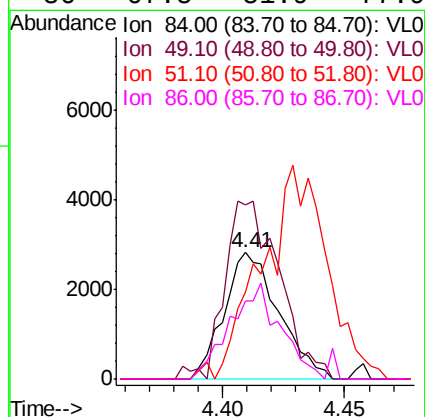
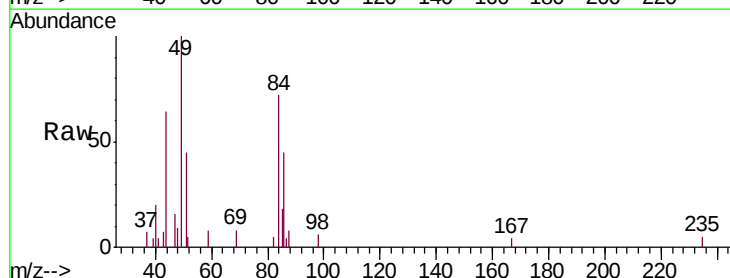
Ion Ratio Lower Upper

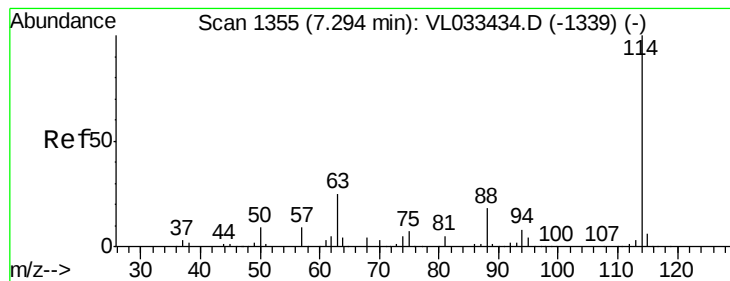
84 100

49 138.2 120.0 180.0

51 69.5 36.7 55.1#

86 67.5 51.9 77.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1354

Delta R.T. -0.00 min

Lab File: VL033567.D

Acq: 10 Apr 2019 16:57

Instrument :

MSVOA_L

ClientSampleId :

QC040319 CAN 10284

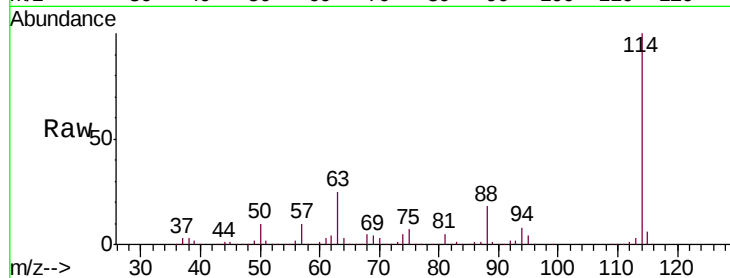
Tgt Ion: 114 Resp: 2181901

Ion Ratio Lower Upper

114 100

63 25.7 21.5 32.3

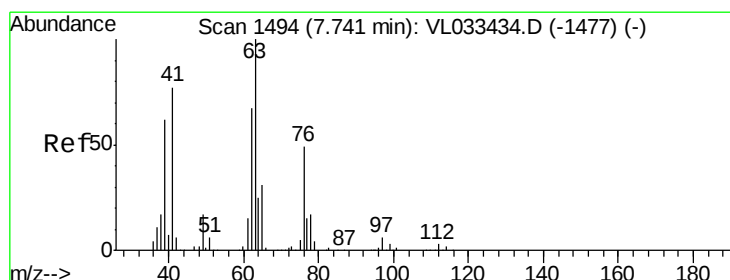
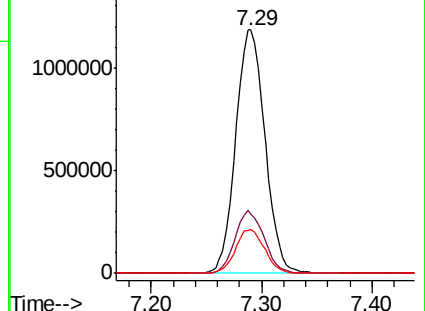
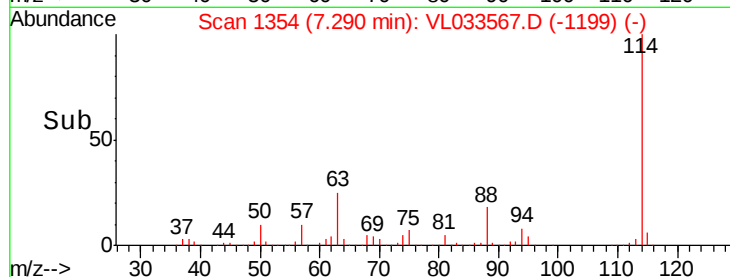
88 17.9 14.5 21.7



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: 7.746 ppbv

RT: 7.29 min Scan# 1353

Delta R.T. -0.45 min

Lab File: VL033567.D

Acq: 10 Apr 2019 16:57

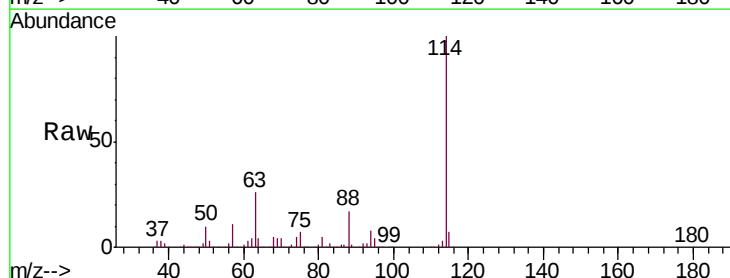
Tgt Ion: 63 Resp: 555509

Ion Ratio Lower Upper

63 100

41 0.0 61.2 91.8#

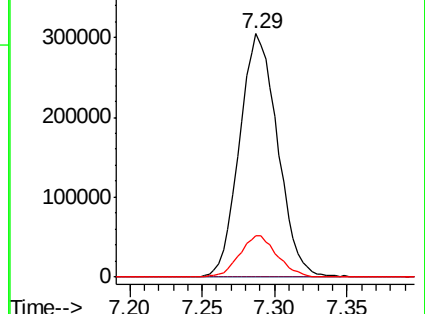
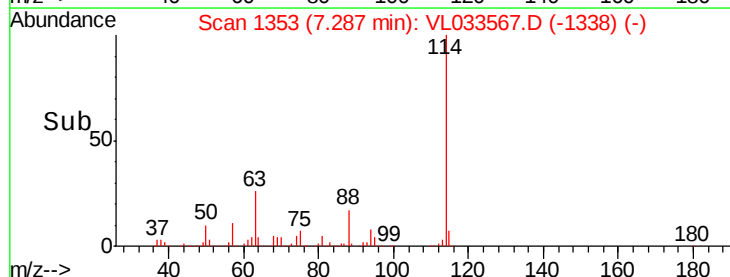
62 17.0 54.0 81.0#

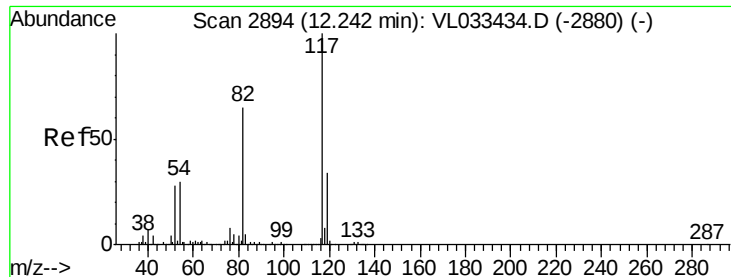


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

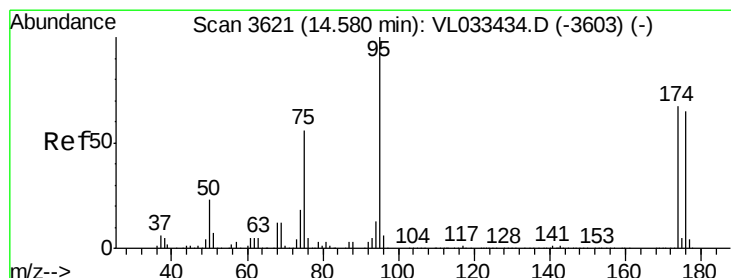
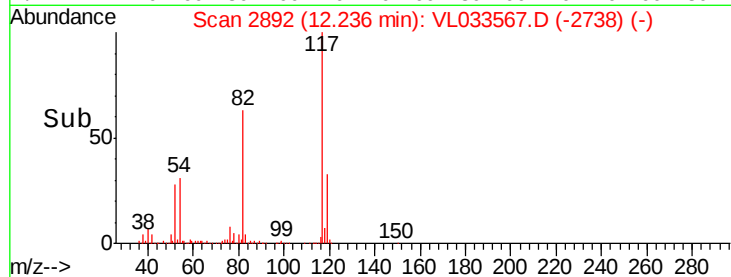
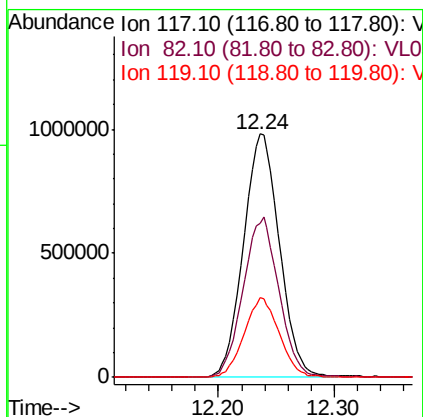
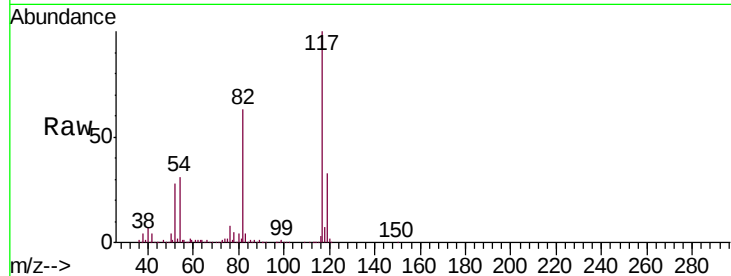




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033567.D
Acq: 10 Apr 2019 16:57

Instrument :
MSVOA_L
ClientSampleId :
QC040319 CAN 10284

Tgt Ion:117 Resp: 2121341
Ion Ratio Lower Upper
117 100
82 66.0 51.5 77.3
119 32.3 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.107 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033567.D
Acq: 10 Apr 2019 16:57

Tgt Ion: 95 Resp: 1680915
Ion Ratio Lower Upper
95 100
174 67.8 52.9 79.3
175 4.8 3.8 5.6

