

Data File : VL032930.D
Acq On : 7 Dec 2018 11:47
Operator : SY/AP
Sample : QC120418 CAN 10281
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC120418 CAN 10281

Quant Time: Dec 08 01:58:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1085510	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2940716	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2700088	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2033189	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds						Qvalue
4) Chloromethane	3.18	50	6214	0.130	ppbv	99
13) Ethanol	3.68	45	461	0.041	ppbv #	40
15) Acetone	3.94	43	5631	0.060	ppbv #	84
20) Methylene Chloride	4.41	84	17285	0.380	ppbv #	80
30) Cyclohexane	7.28	84	3511	0.042	ppbv #	1
39) 1,2-Dichloropropane	7.30	63	718847	8.763	ppbv #	22

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

Data File : VL032930.D

Acq On : 7 Dec 2018 11:47

Operator : SY/AP

Sample : QC120418 CAN 10281

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC120418 CAN 10281

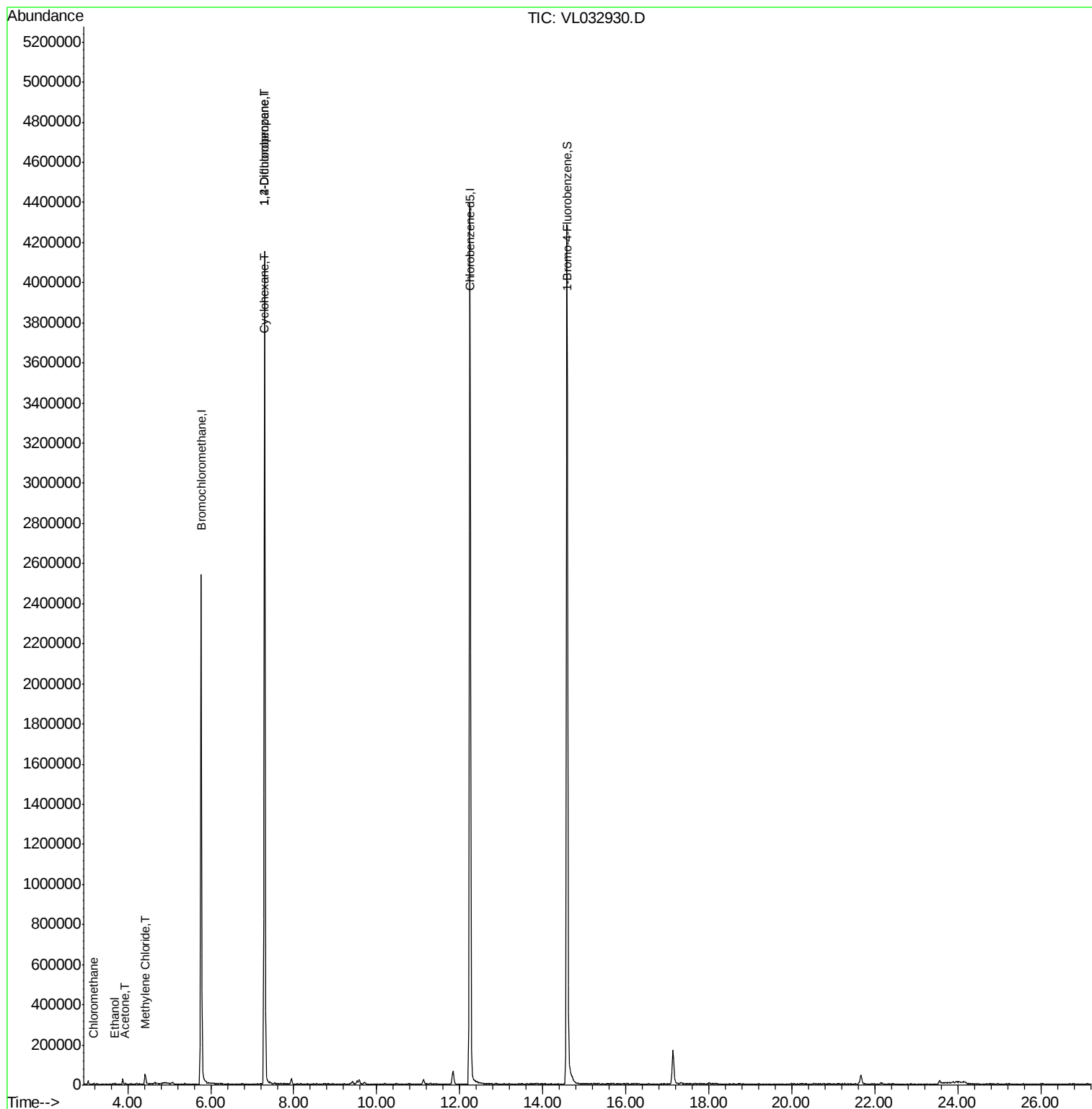
Quant Time: Dec 08 01:58:10 2018

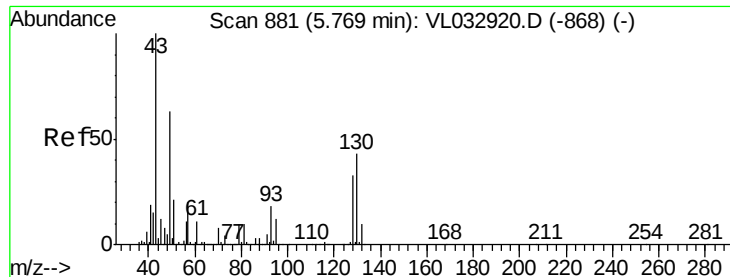
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018

QLast Update : Fri Dec 07 09:35:17 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL032930.D

Acq: 7 Dec 2018 11:47

Instrument :

MSVOA_L

ClientSampleId :

QC120418 CAN 10281

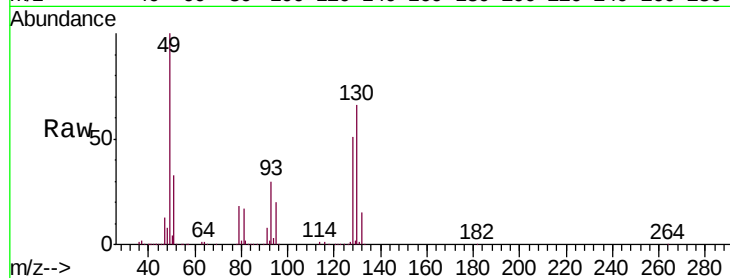
Tgt Ion: 49 Resp: 1085510

Ion Ratio Lower Upper

49 100

128 52.6 26.3 78.8

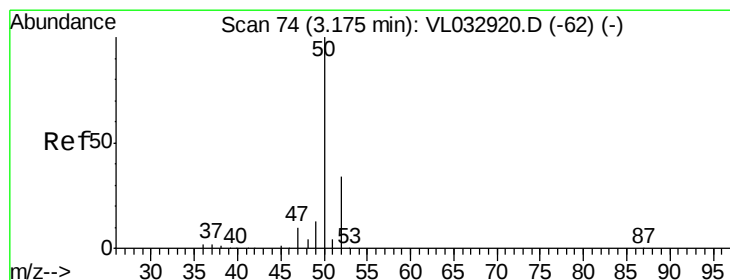
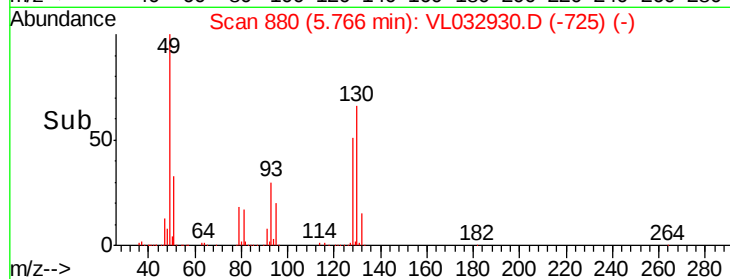
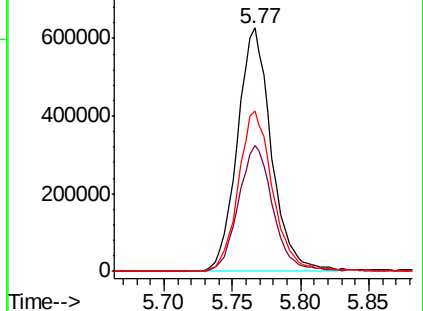
130 67.4 33.9 101.7



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



#4

Chloromethane

Concen: 0.130 ppbv

RT: 3.18 min Scan# 75

Delta R.T. 0.00 min

Lab File: VL032930.D

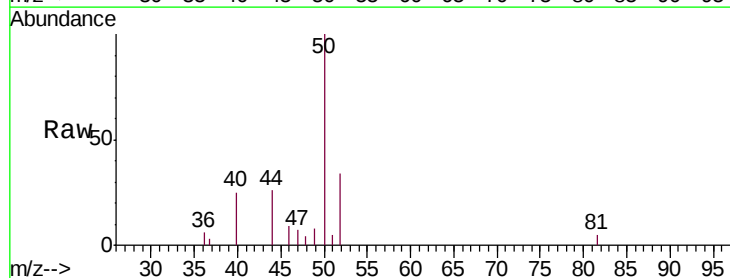
Acq: 7 Dec 2018 11:47

Tgt Ion: 50 Resp: 6214

Ion Ratio Lower Upper

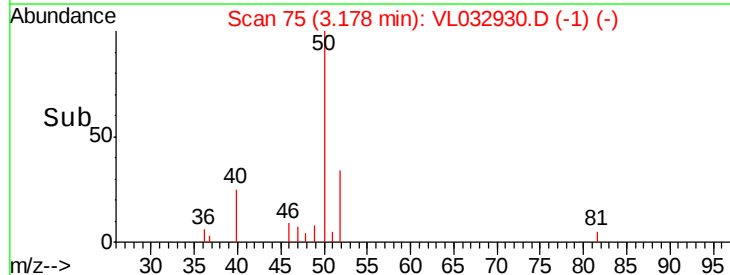
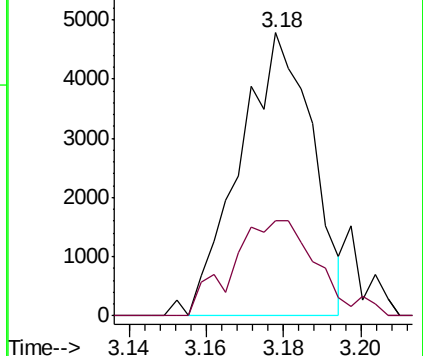
50 100

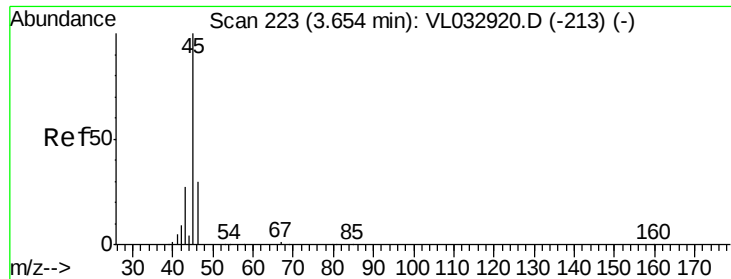
52 33.5 27.3 40.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#13

Ethanol

Concen: 0.041 ppbv

RT: 3.68 min Scan# 231

Delta R.T. 0.03 min

Lab File: VL032930.D

Acq: 7 Dec 2018 11:47

Instrument :

MSVOA_L

ClientSampleId :

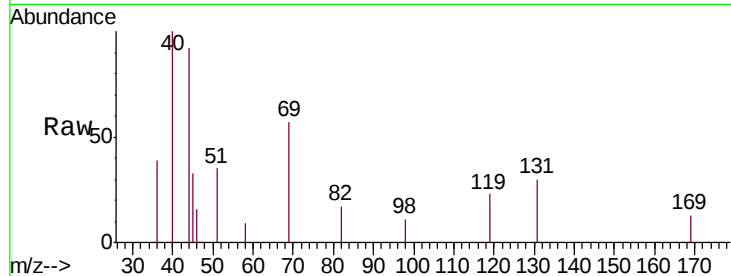
QC120418 CAN 10281

Tgt Ion: 45 Resp: 461

Ion Ratio Lower Upper

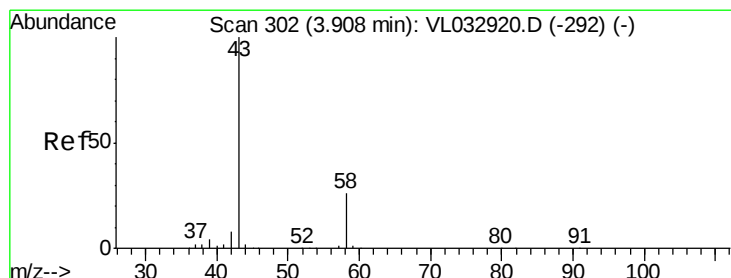
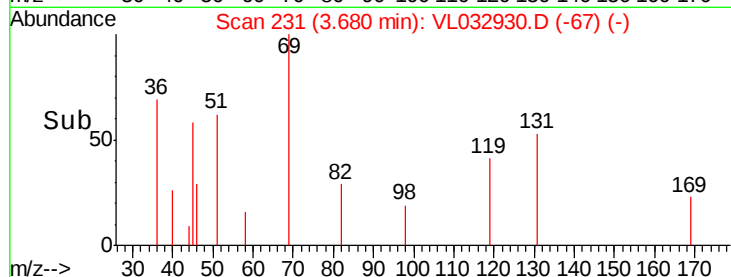
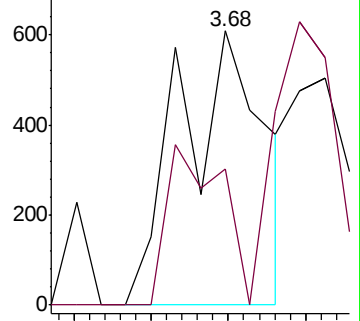
45 100

46 0.0 13.8 55.4#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#15

Acetone

Concen: 0.060 ppbv

RT: 3.94 min Scan# 311

Delta R.T. 0.03 min

Lab File: VL032930.D

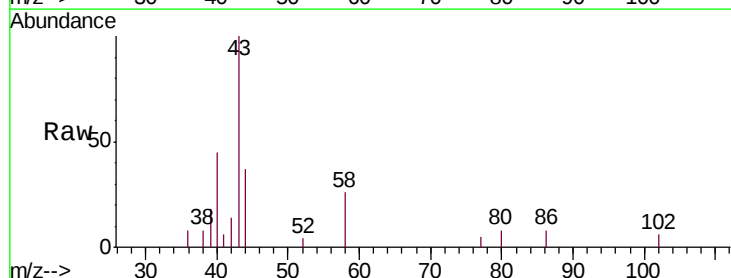
Acq: 7 Dec 2018 11:47

Tgt Ion: 43 Resp: 5631

Ion Ratio Lower Upper

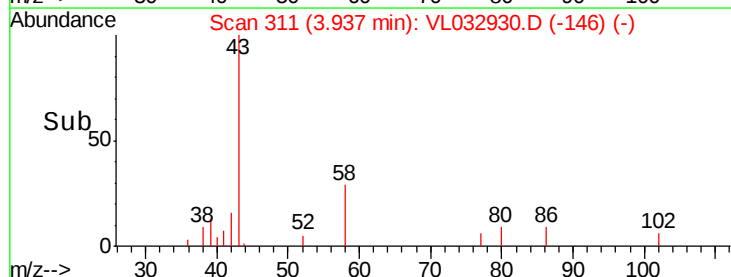
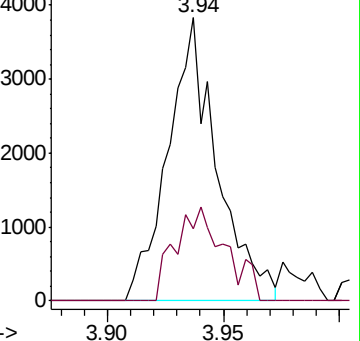
43 100

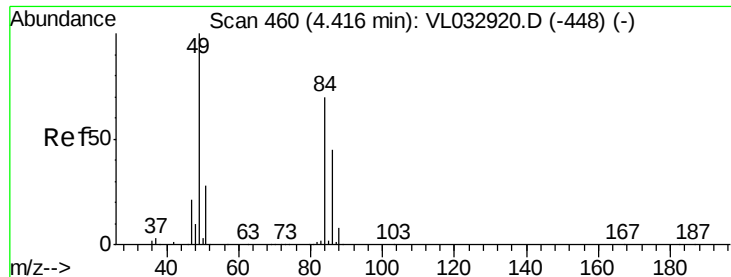
58 34.0 20.6 30.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.380 ppbv

RT: 4.41 min Scan# 459

Delta R.T. -0.00 min

Lab File: VL032930.D

Acq: 7 Dec 2018 11:47

Instrument :

MSVOA_L

ClientSampleId :

QC120418 CAN 10281

Tgt Ion: 84 Resp: 17285

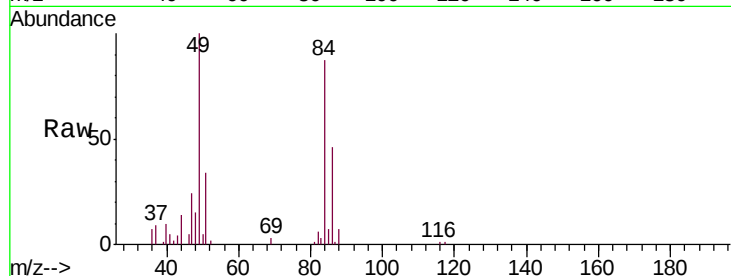
Ion Ratio Lower Upper

84 100

49 111.9 113.8 170.8#

51 36.4 31.8 47.8

86 50.6 50.8 76.2#

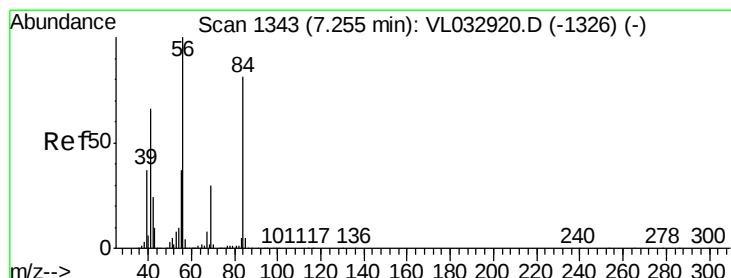
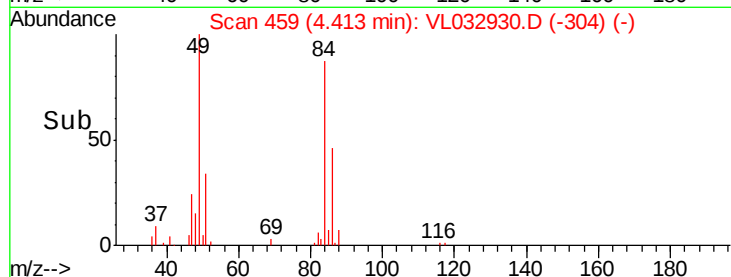
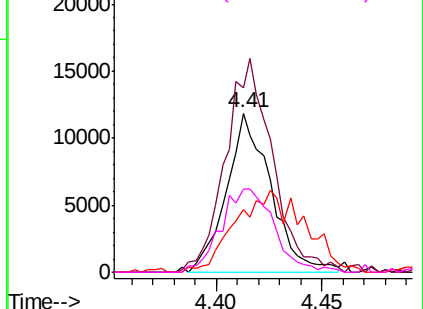


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#30

Cyclohexane

Concen: 0.042 ppbv

RT: 7.28 min Scan# 1350

Delta R.T. 0.02 min

Lab File: VL032930.D

Acq: 7 Dec 2018 11:47

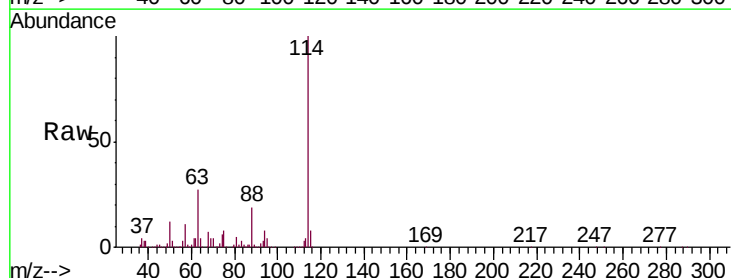
Tgt Ion: 84 Resp: 3511

Ion Ratio Lower Upper

84 100

56 0.0 102.5 153.7#

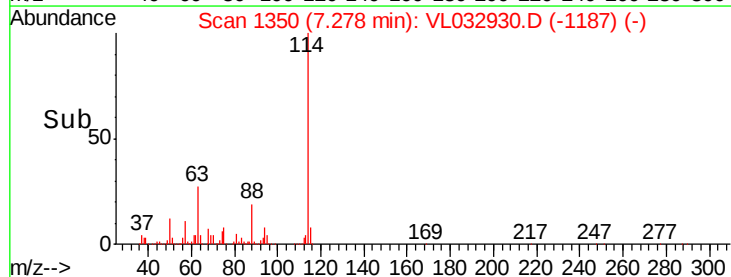
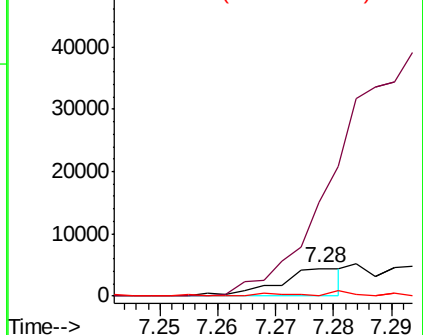
41 2.8 64.1 96.1#

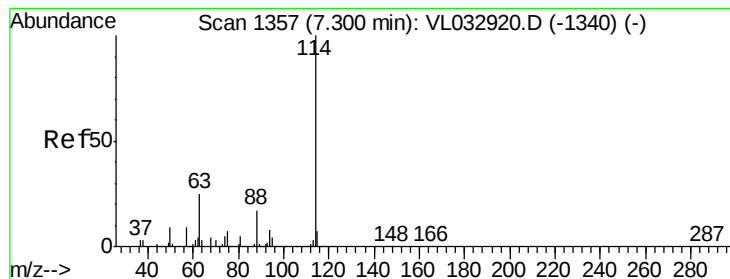


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VL032930.D

Acq: 7 Dec 2018 11:47

Instrument :

MSVOA_L

ClientSampleId :

QC120418 CAN 10281

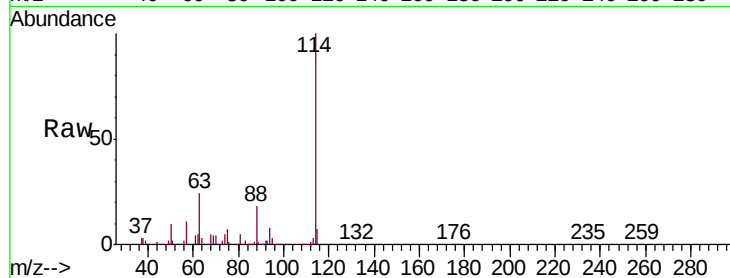
Tgt Ion: 114 Resp: 2940716

Ion Ratio Lower Upper

114 100

63 24.7 20.1 30.1

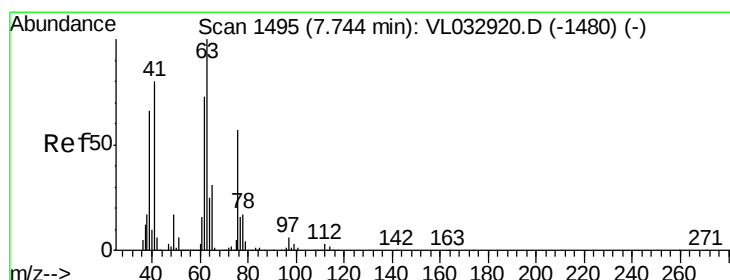
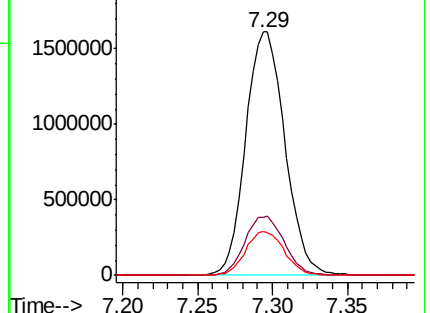
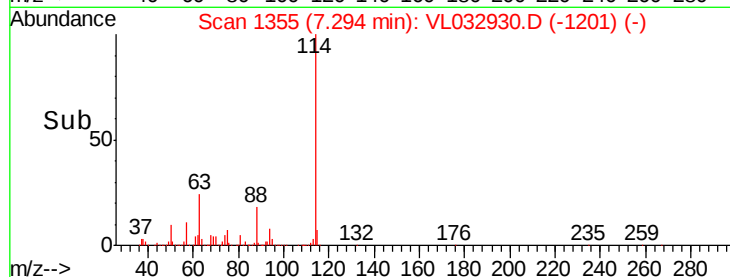
88 17.9 14.2 21.4



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: 8.763 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.45 min

Lab File: VL032930.D

Acq: 7 Dec 2018 11:47

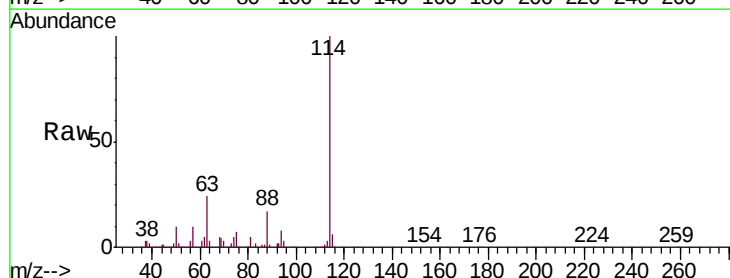
Tgt Ion: 63 Resp: 718847

Ion Ratio Lower Upper

63 100

41 0.1 63.9 95.9#

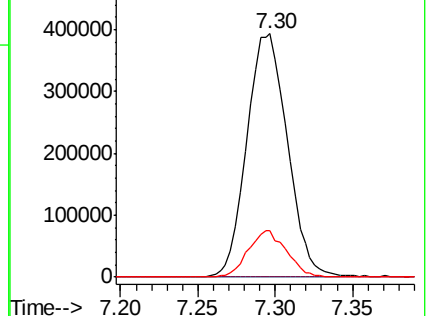
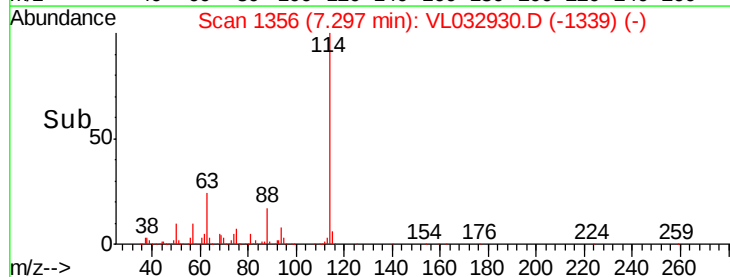
62 18.9 58.8 88.2#

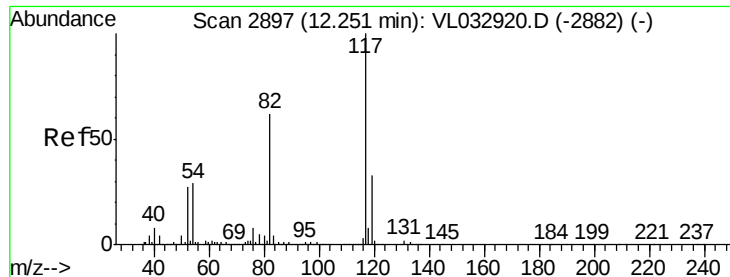


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

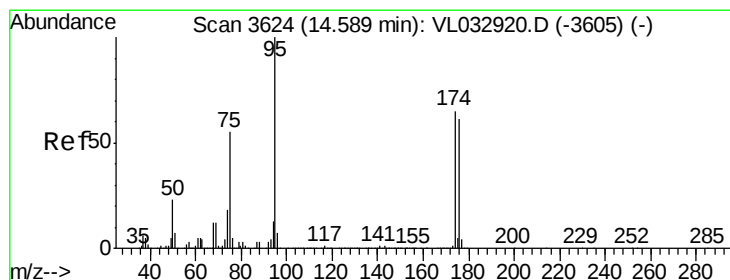
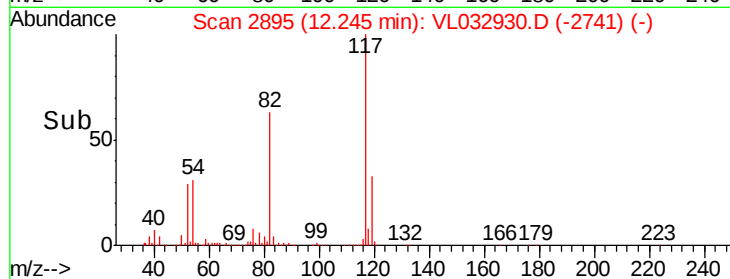
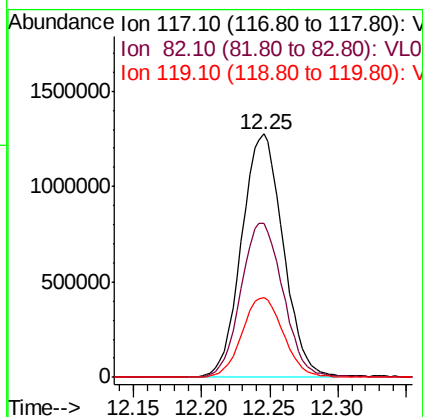
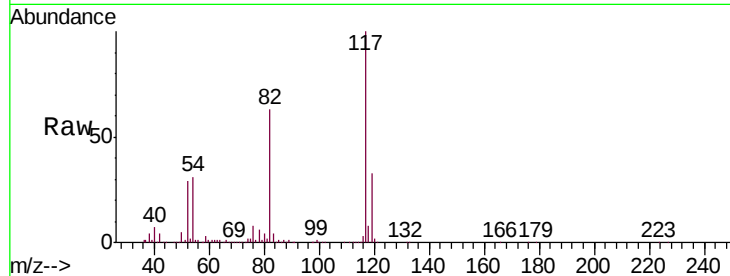




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032930.D
Acq: 7 Dec 2018 11:47

Instrument :
MSVOA_L
ClientSampleId :
QC120418 CAN 10281

Tgt Ion: 117 Resp: 2700088
Ion Ratio Lower Upper
117 100
82 64.5 47.8 71.8
119 32.8 43.1 64.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.192 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032930.D
Acq: 7 Dec 2018 11:47

Tgt Ion: 95 Resp: 2033189
Ion Ratio Lower Upper
95 100
174 65.1 51.4 77.0
175 4.7 3.8 5.6

