

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100318\
Quantitation Report (Not Reviewed)

Data File : VL032595.D
Acq On : 4 Oct 2018 10:13
Operator : SY/AP
Sample : QC092418 CAN 10288
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC092418 CAN 10288

Quant Time: Oct 04 11:27:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1086781	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.31	114	2521835	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	2635745	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.60	95	1915897	9.64	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

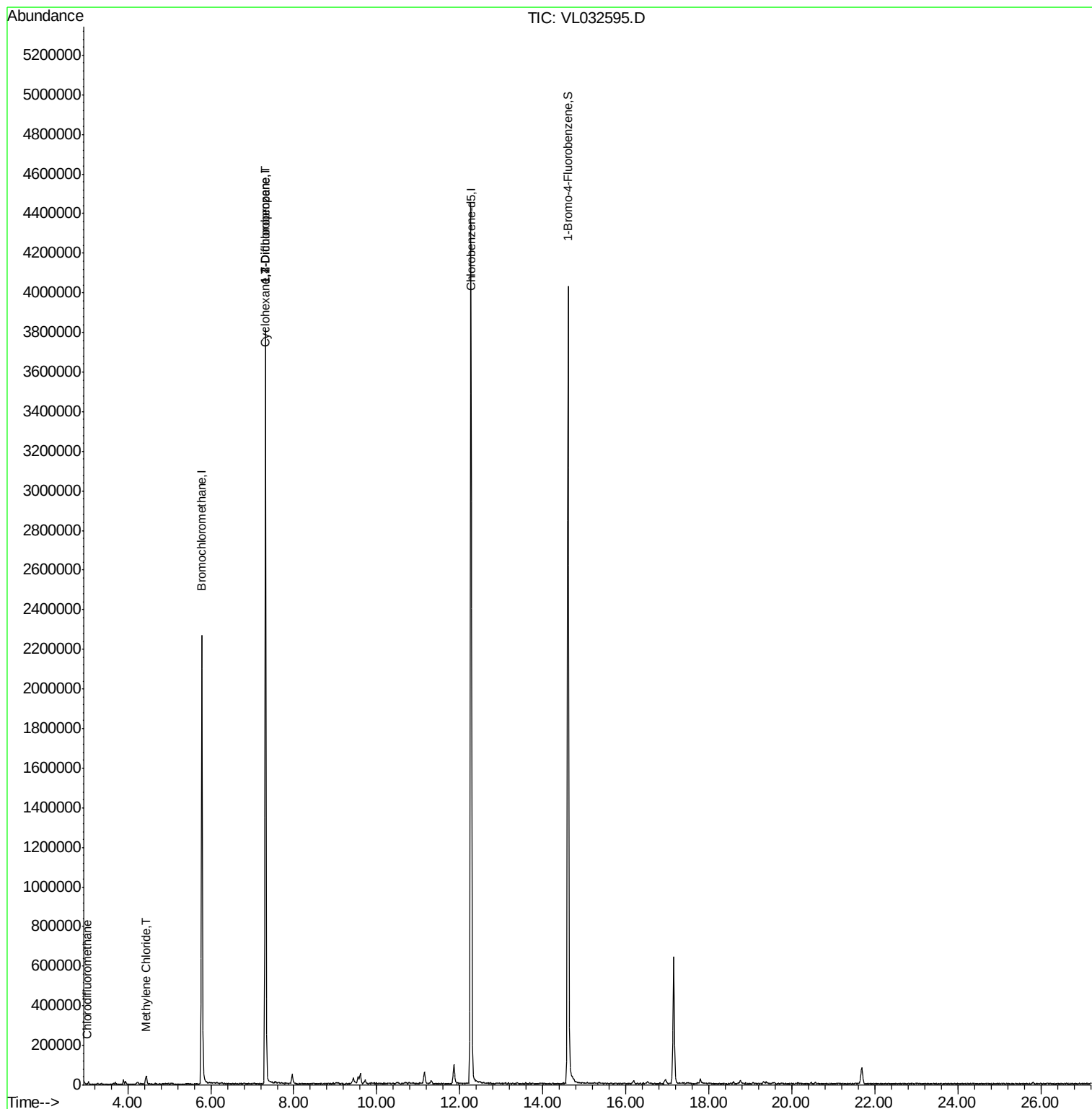
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.03	51	2946	0.033	ppbv #	90
20) Methylene Chloride	4.43	84	11020	0.239	ppbv #	76
30) Cyclohexane	7.30	84	8532	0.100	ppbv #	1
39) 1,2-Dichloropropane	7.32	63	675277	7.353	ppbv #	25

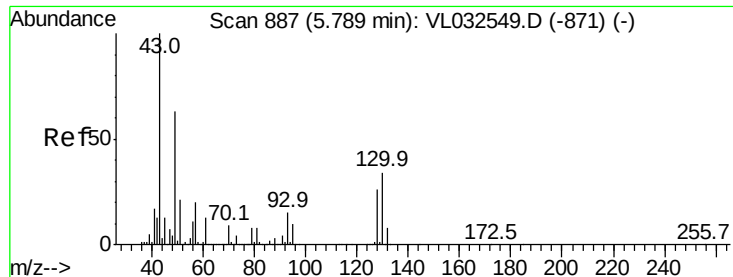
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 885

Delta R.T. -0.03 min

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Instrument :

MSVOA_L

ClientSampleId :

QC092418 CAN 10288

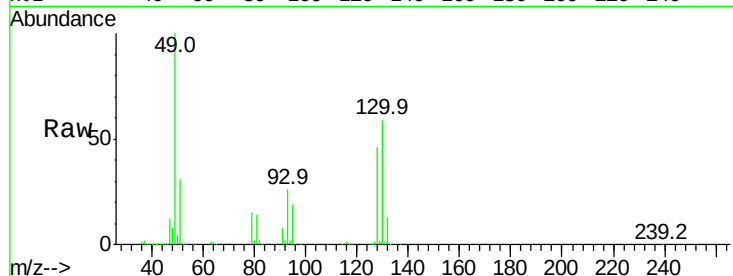
Tgt Ion: 49 Resp: 1086781

Ion Ratio Lower Upper

49 100

128 45.6 20.7 62.1

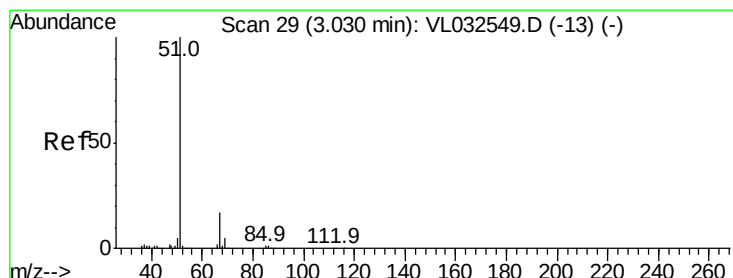
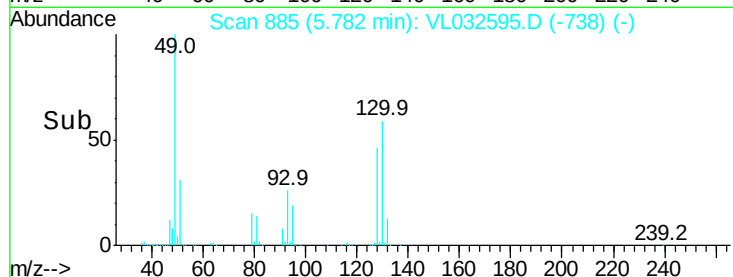
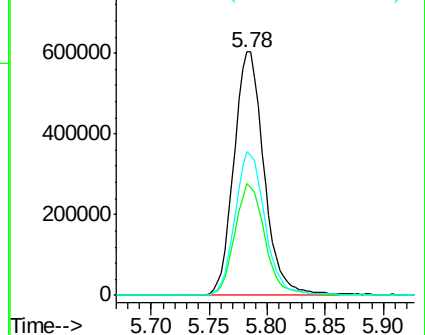
130 59.5 26.6 79.7



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



#3

Chlorodifluoromethane

Concen: 0.033 ppbv

RT: 3.03 min Scan# 28

Delta R.T. -0.02 min

Lab File: VL032595.D

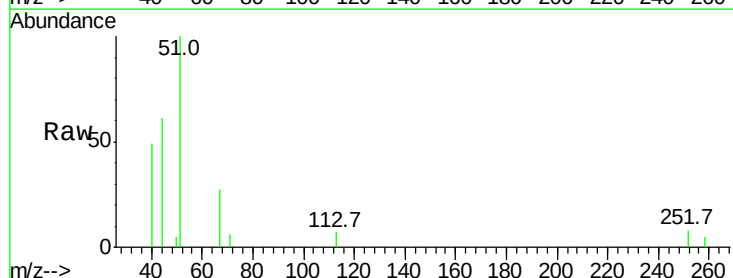
Acq: 4 Oct 2018 10:13

Tgt Ion: 51 Resp: 2946

Ion Ratio Lower Upper

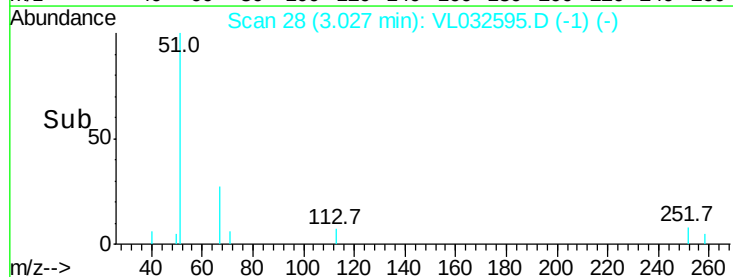
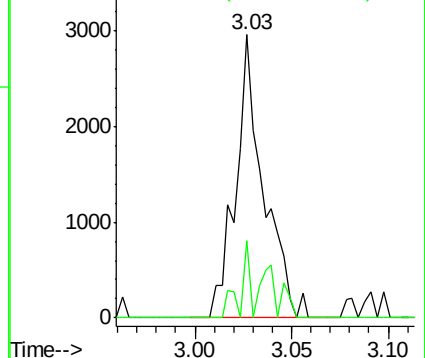
51 100

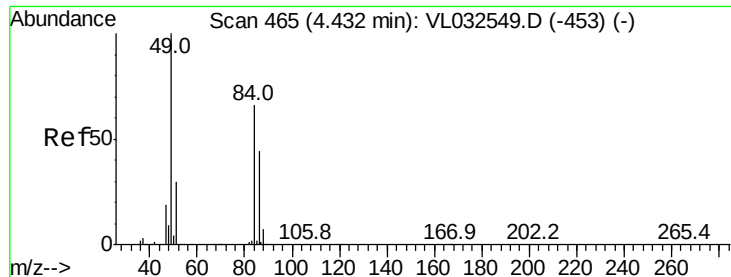
67 21.8 13.8 20.8#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

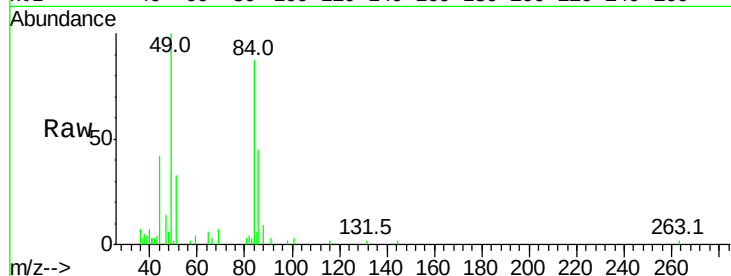




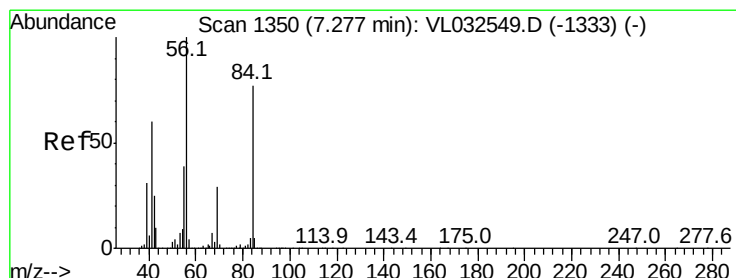
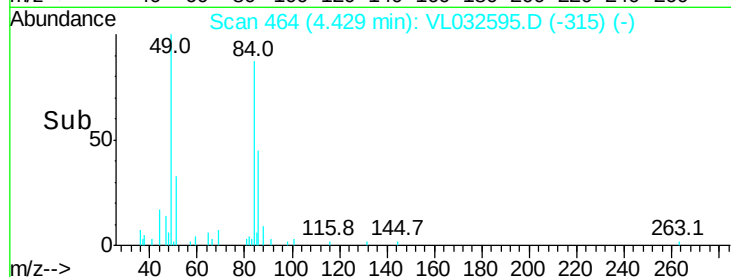
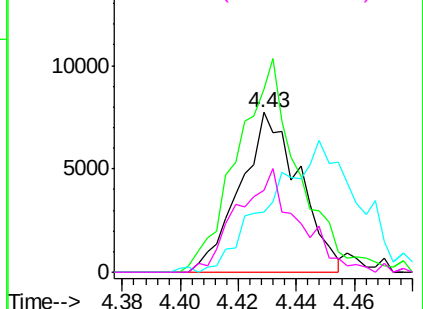
#20
Methylene Chloride
Concen: 0.239 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032595.D
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Instrument :
MSVOA_L
ClientSampleId :
QC092418 CAN 10288

Tgt Ion: 84 Resp: 11020
Ion Ratio Lower Upper
84 100
49 110.6 119.1 178.7#
51 34.6 35.2 52.8#
86 51.4 49.4 74.2

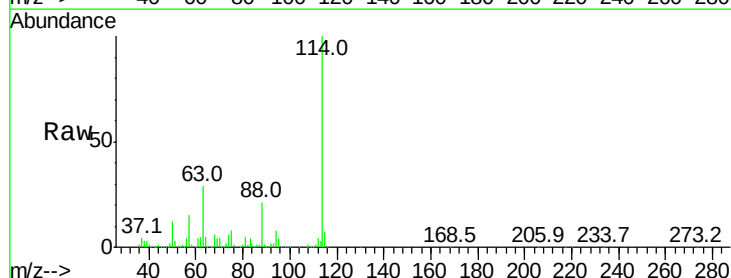


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

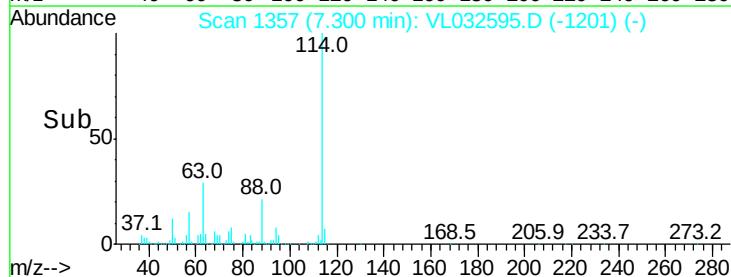
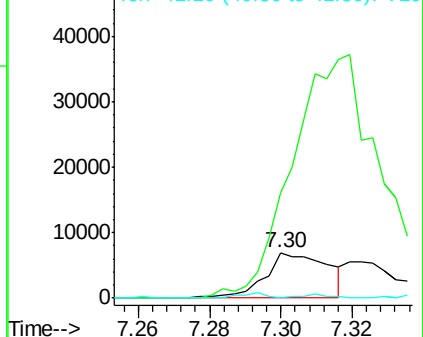


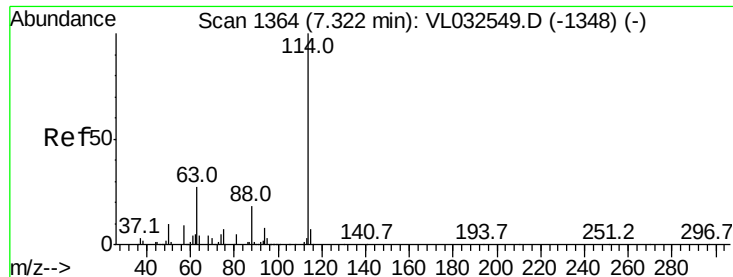
#30
Cyclohexane
Concen: 0.100 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VL032595.D
Acq: 4 Oct 2018 10:13

Tgt Ion: 84 Resp: 8532
Ion Ratio Lower Upper
84 100
56 0.0 113.5 170.3#
41 10.5 68.1 102.1#



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

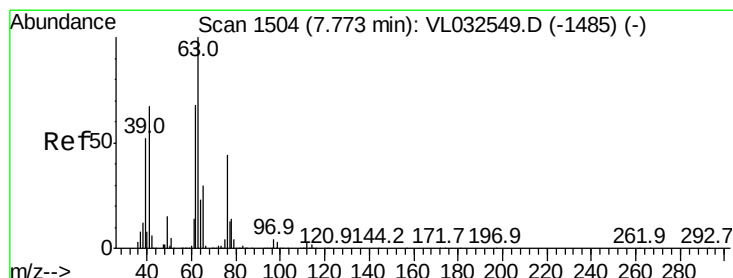
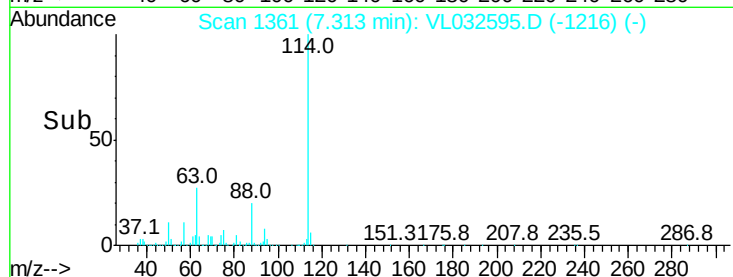
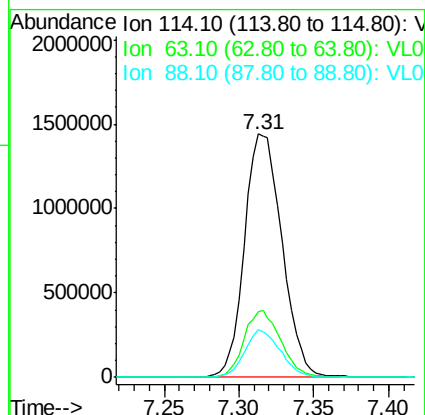
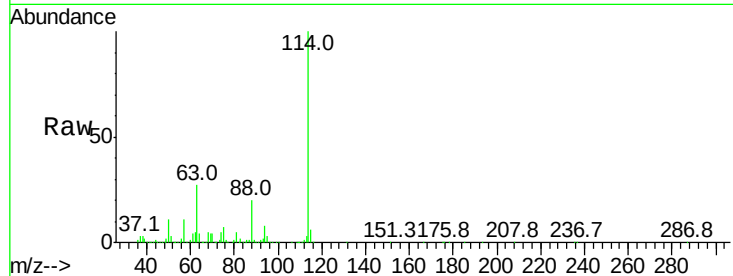




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.31 min Scan# 1361
 Delta R.T. -0.03 min
 Lab File: VL032595.D
 Acq: 4 Oct 2018 10:13

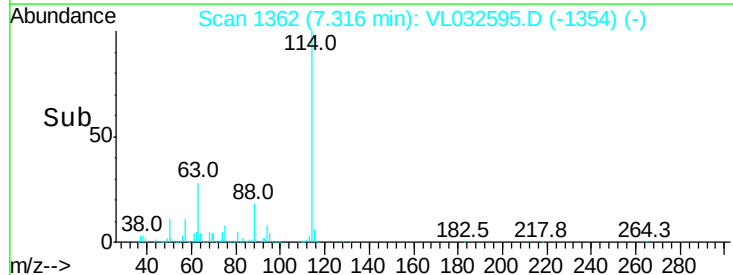
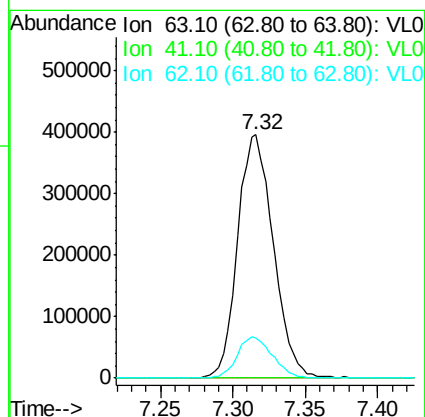
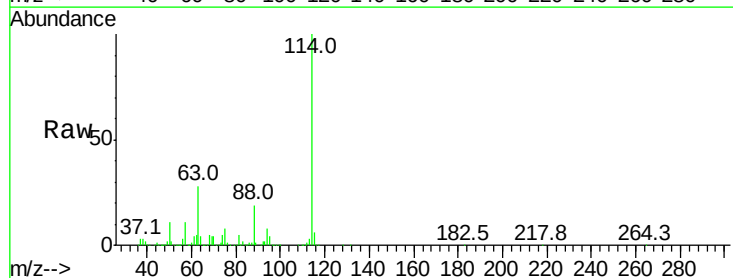
Instrument :
 MSVOA_L
 ClientSampleId :
 QC092418 CAN 10288

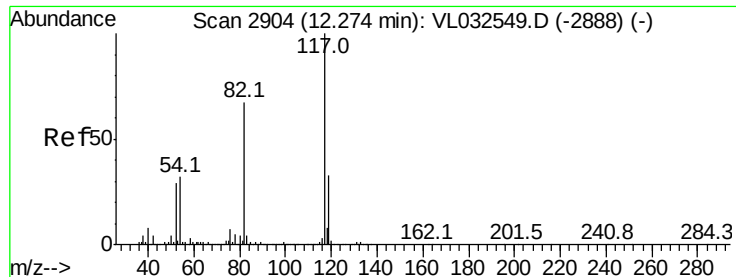
Tgt Ion: 114 Resp: 2521835
 Ion Ratio Lower Upper
 114 100
 63 27.0 22.2 33.4
 88 18.5 15.0 22.4



#39
 1,2-Dichloropropane
 Concen: 7.353 ppbv
 RT: 7.32 min Scan# 1362
 Delta R.T. -0.47 min
 Lab File: VL032595.D
 Acq: 4 Oct 2018 10:13

Tgt Ion: 63 Resp: 675277
 Ion Ratio Lower Upper
 63 100
 41 0.1 55.4 83.0#
 62 16.4 55.4 83.0#

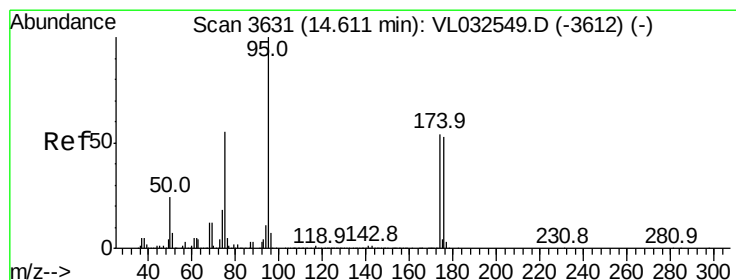
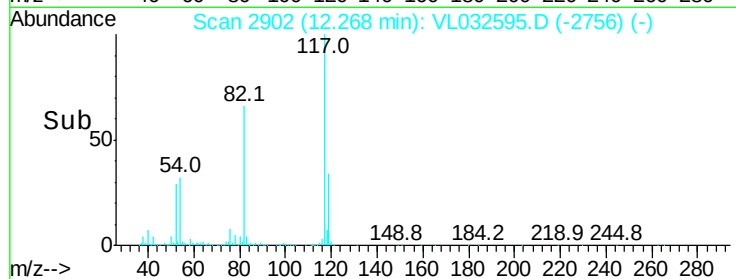
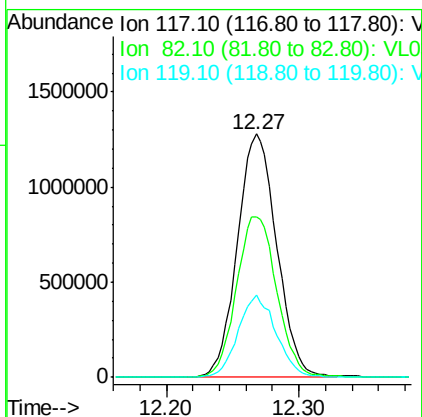
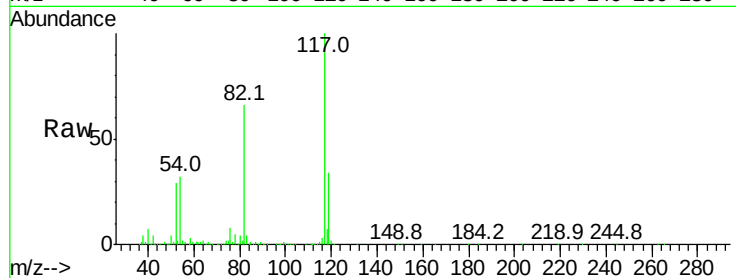




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032595.D
Acq: 4 Oct 2018 10:13

Instrument :
MSVOA_L
ClientSampleId :
QC092418 CAN 10288

Tgt Ion:117 Resp: 2635745
Ion Ratio Lower Upper
117 100
82 68.3 53.0 79.6
119 32.8 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.639 ppbv
RT: 14.60 min Scan# 3628
Delta R.T. -0.03 min
Lab File: VL032595.D
Acq: 4 Oct 2018 10:13

Tgt Ion: 95 Resp: 1915897
Ion Ratio Lower Upper
95 100
174 58.4 46.3 69.5
175 4.0 3.4 5.0

