

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL011619\
Quantitation Report (Not Reviewed)

Data File : VL033098.D
Acq On : 16 Jan 2019 19:02
Operator : SY/AP
Sample : QC011019 CAN 10045
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC011019 CAN 10123

Quant Time: Jan 17 01:54:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 04 16:09:05 2019
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	991085	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2307684	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2156973	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1677493	10.15	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

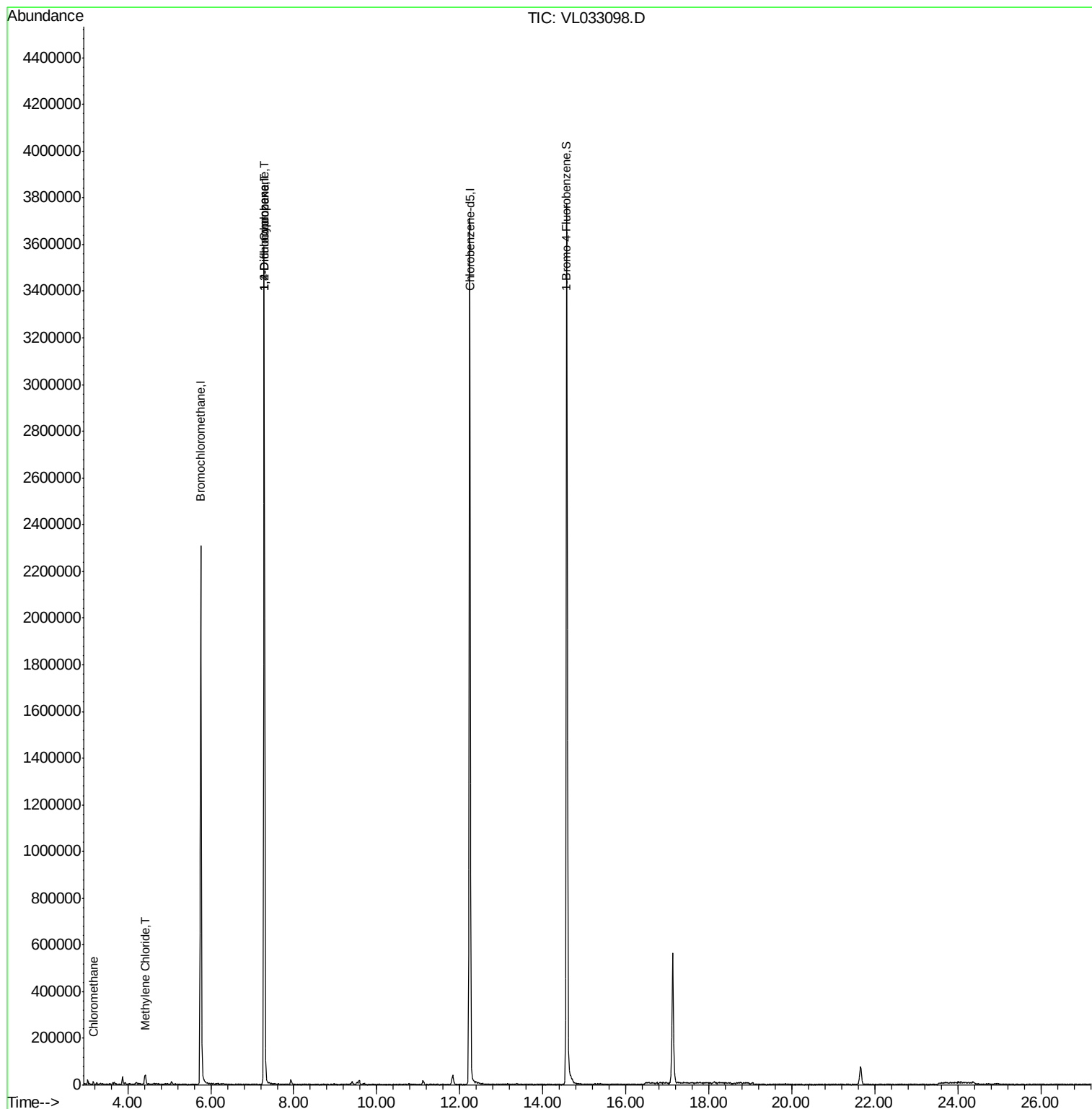
Target Compounds						Qvalue
4) Chloromethane	3.16	50	4009	0.062	ppbv #	83
20) Methylene Chloride	4.41	84	8188	0.143	ppbv #	81
30) Cyclohexane	7.27	84	3390	0.042	ppbv #	2
39) 1,2-Dichloropropane	7.29	63	593460	8.357	ppbv #	23

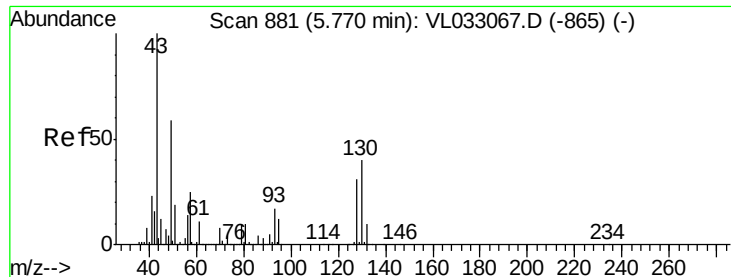
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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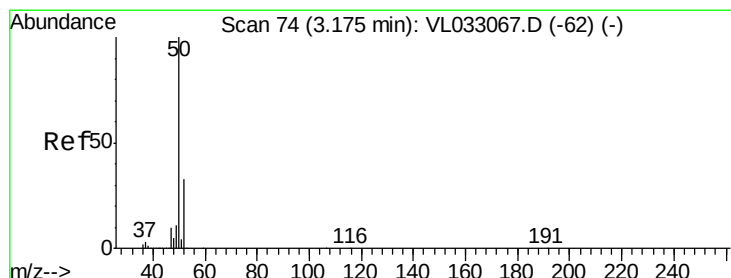
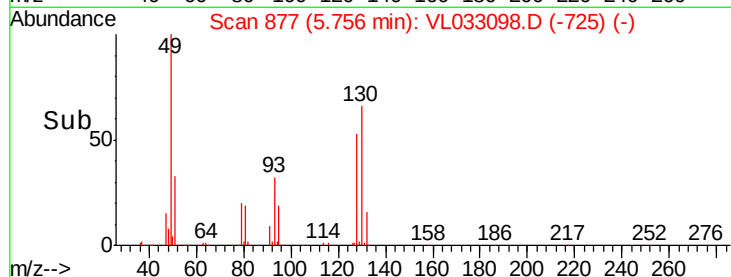
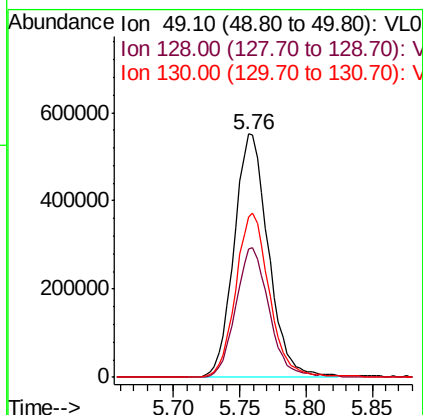
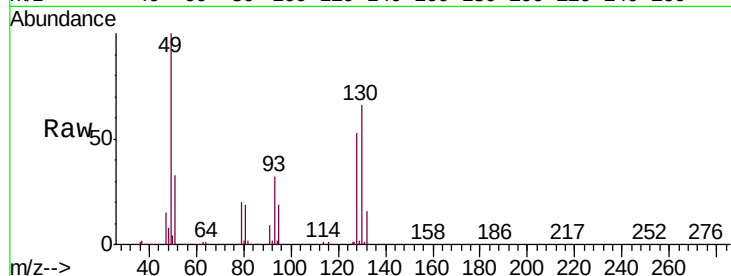




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.76 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: VL033098.D
 Acq: 16 Jan 2019 19:02

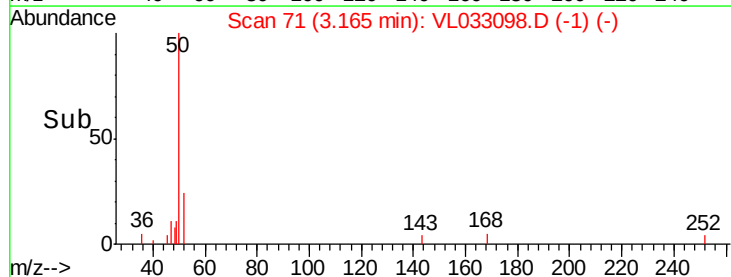
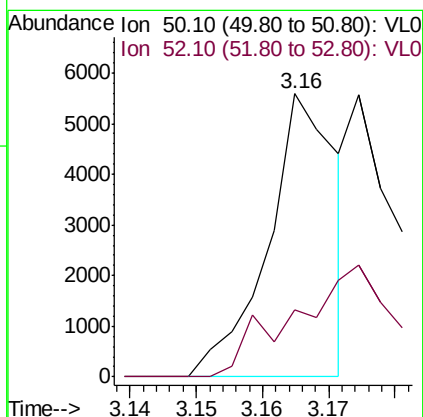
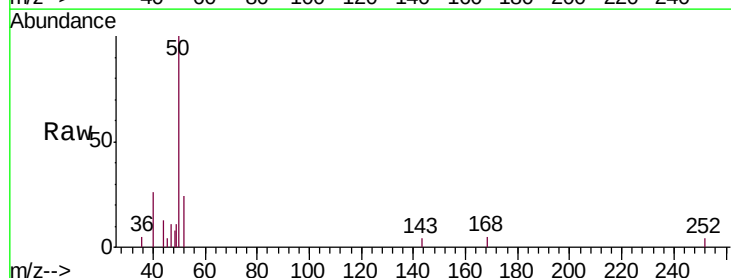
Instrument :
 MSVOA_L
 ClientSampleId :
 QC011019 CAN 10123

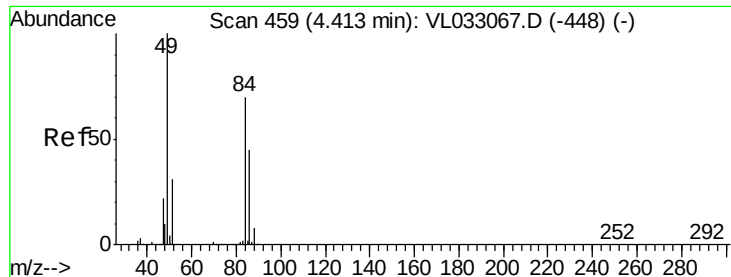
Tgt Ion: 49 Resp: 991085
 Ion Ratio Lower Upper
 49 100
 128 52.6 26.2 78.5
 130 67.0 33.6 100.6



#4
 Chloromethane
 Concen: 0.062 ppbv
 RT: 3.16 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: VL033098.D
 Acq: 16 Jan 2019 19:02

Tgt Ion: 50 Resp: 4009
 Ion Ratio Lower Upper
 50 100
 52 23.8 26.9 40.3#

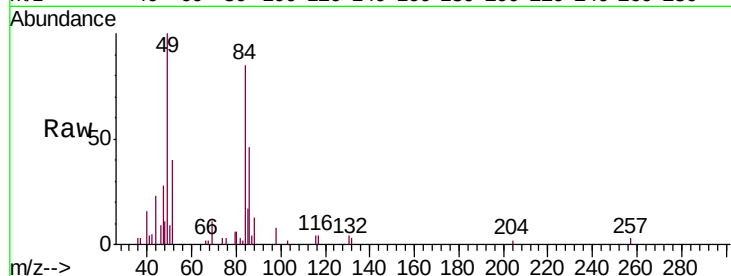




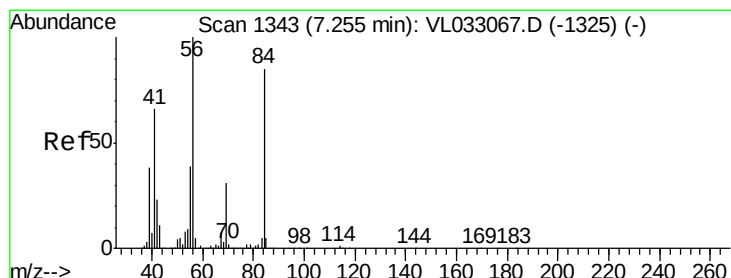
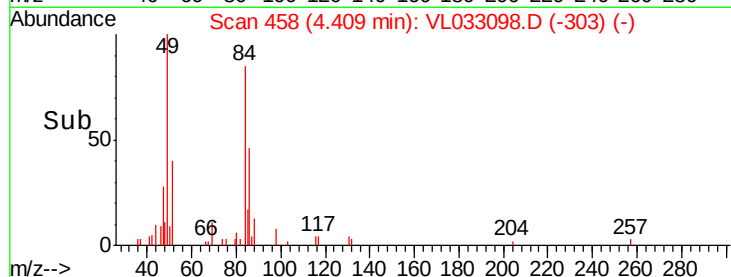
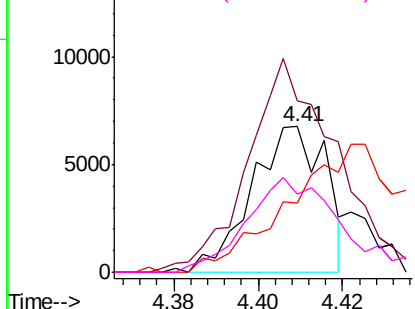
#20
Methylene Chloride
Concen: 0.143 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL033098.D
Acq: 16 Jan 2019 19:02

Instrument :
MSVOA_L
ClientSampleId :
QC011019 CAN 10123

Tgt Ion: 84 Resp: 8188
Ion Ratio Lower Upper
84 100
49 111.3 115.8 173.6#
51 47.5 35.7 53.5
86 54.2 49.7 74.5

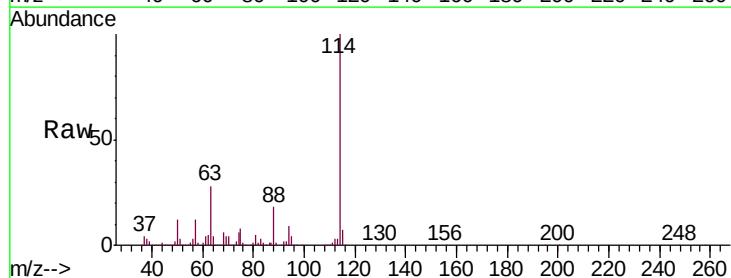


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

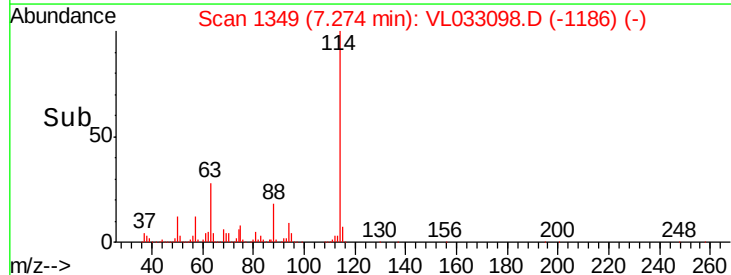
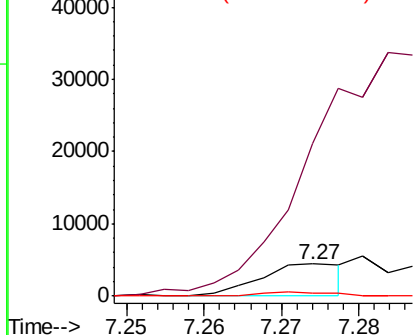


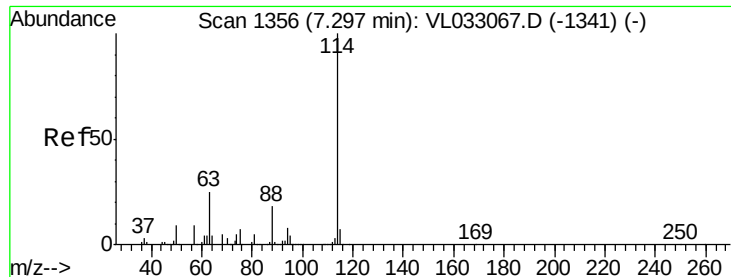
#30
Cyclohexane
Concen: 0.042 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. 0.03 min
Lab File: VL033098.D
Acq: 16 Jan 2019 19:02

Tgt Ion: 84 Resp: 3390
Ion Ratio Lower Upper
84 100
56 0.0 101.8 152.6#
41 12.0 63.2 94.8#



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

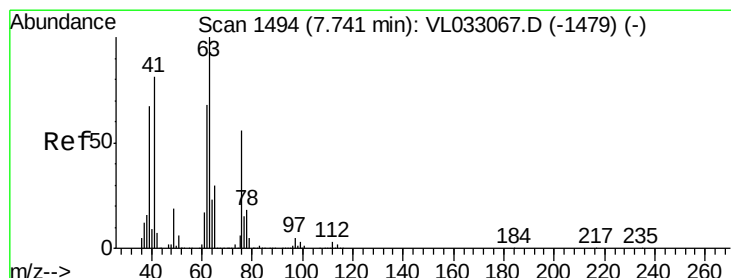
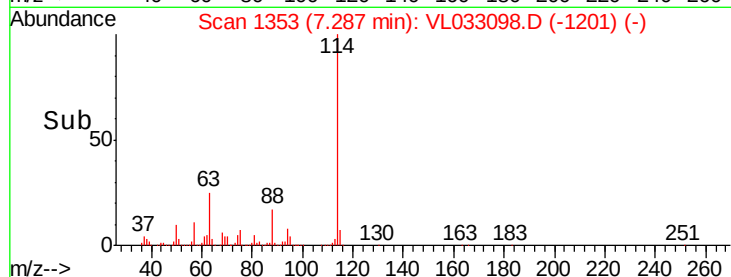
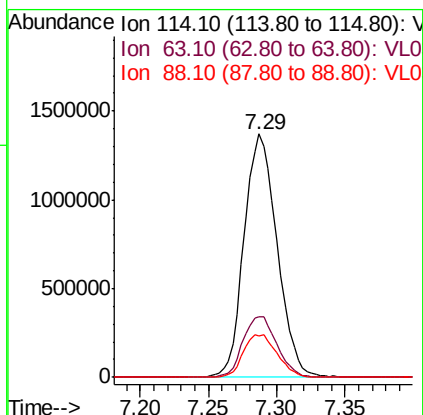
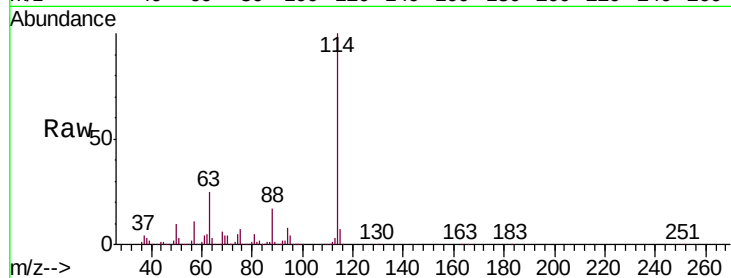




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033098.D
 Acq: 16 Jan 2019 19:02

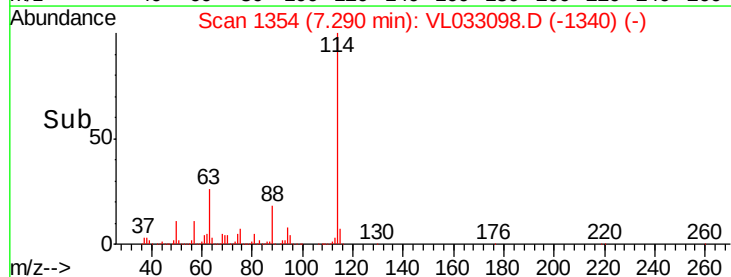
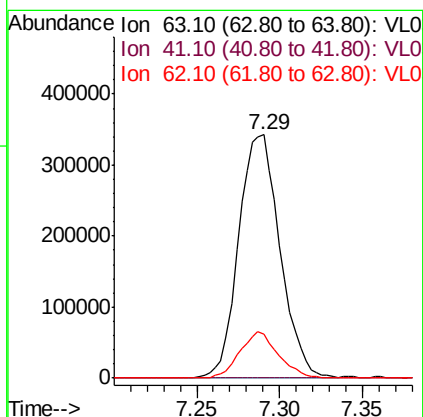
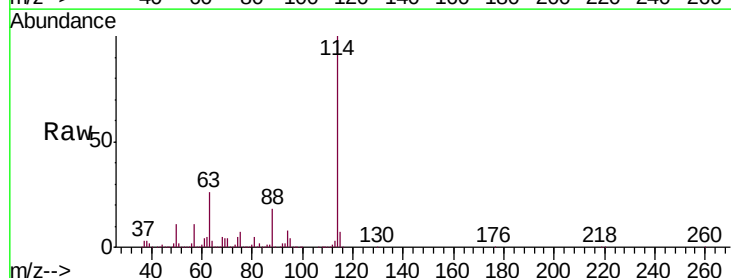
Instrument :
 MSVOA_L
 ClientSampleId :
 QC011019 CAN 10123

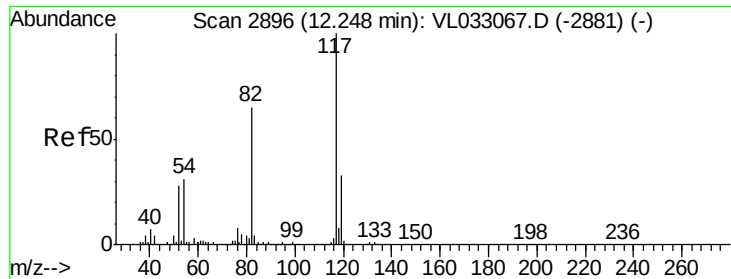
Tgt Ion: 114 Resp: 2307684
 Ion Ratio Lower Upper
 114 100
 63 25.9 20.1 30.1
 88 18.0 14.0 21.0



#39
 1,2-Dichloropropane
 Concen: 8.357 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.45 min
 Lab File: VL033098.D
 Acq: 16 Jan 2019 19:02

Tgt Ion: 63 Resp: 593460
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.9 92.9#
 62 18.2 55.8 83.6#

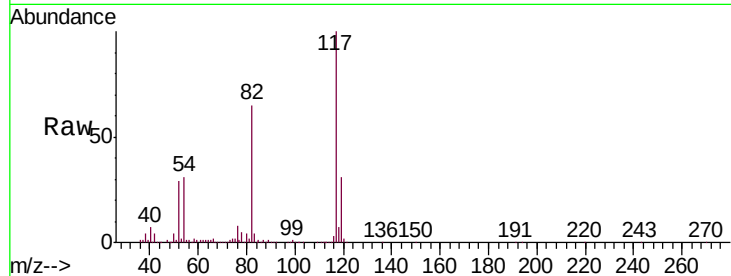




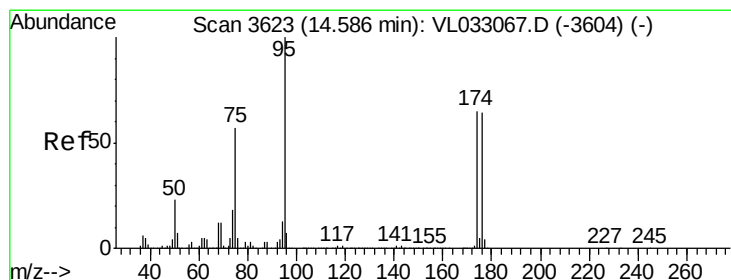
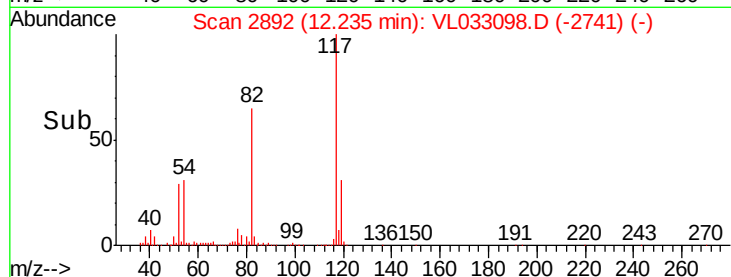
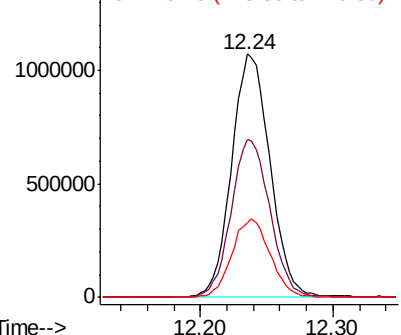
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033098.D
Acq: 16 Jan 2019 19:02

Instrument :
MSVOA_L
ClientSampleId :
QC011019 CAN 10123

Tgt Ion: 117 Resp: 2156973
Ion Ratio Lower Upper
117 100
82 66.2 48.9 73.3
119 32.3 24.6 37.0

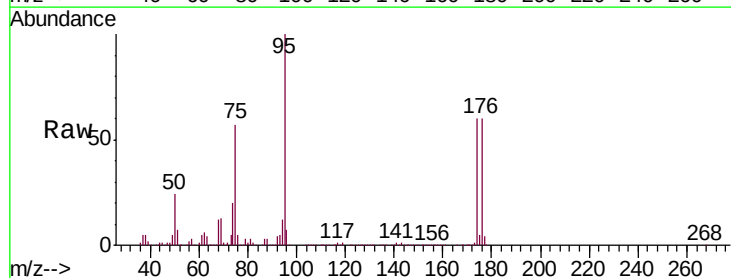


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.146 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033098.D
Acq: 16 Jan 2019 19:02

Tgt Ion: 95 Resp: 1677493
Ion Ratio Lower Upper
95 100
174 64.1 51.9 77.9
175 4.5 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

