

Data File : VL033097.D
Acq On : 16 Jan 2019 18:21
Operator : SY/AP
Sample : QC010719 CAN 10160
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC010719 CAN 10160

Quant Time: Jan 17 01:54:39 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	973826	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2314077	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2114733	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1659768	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

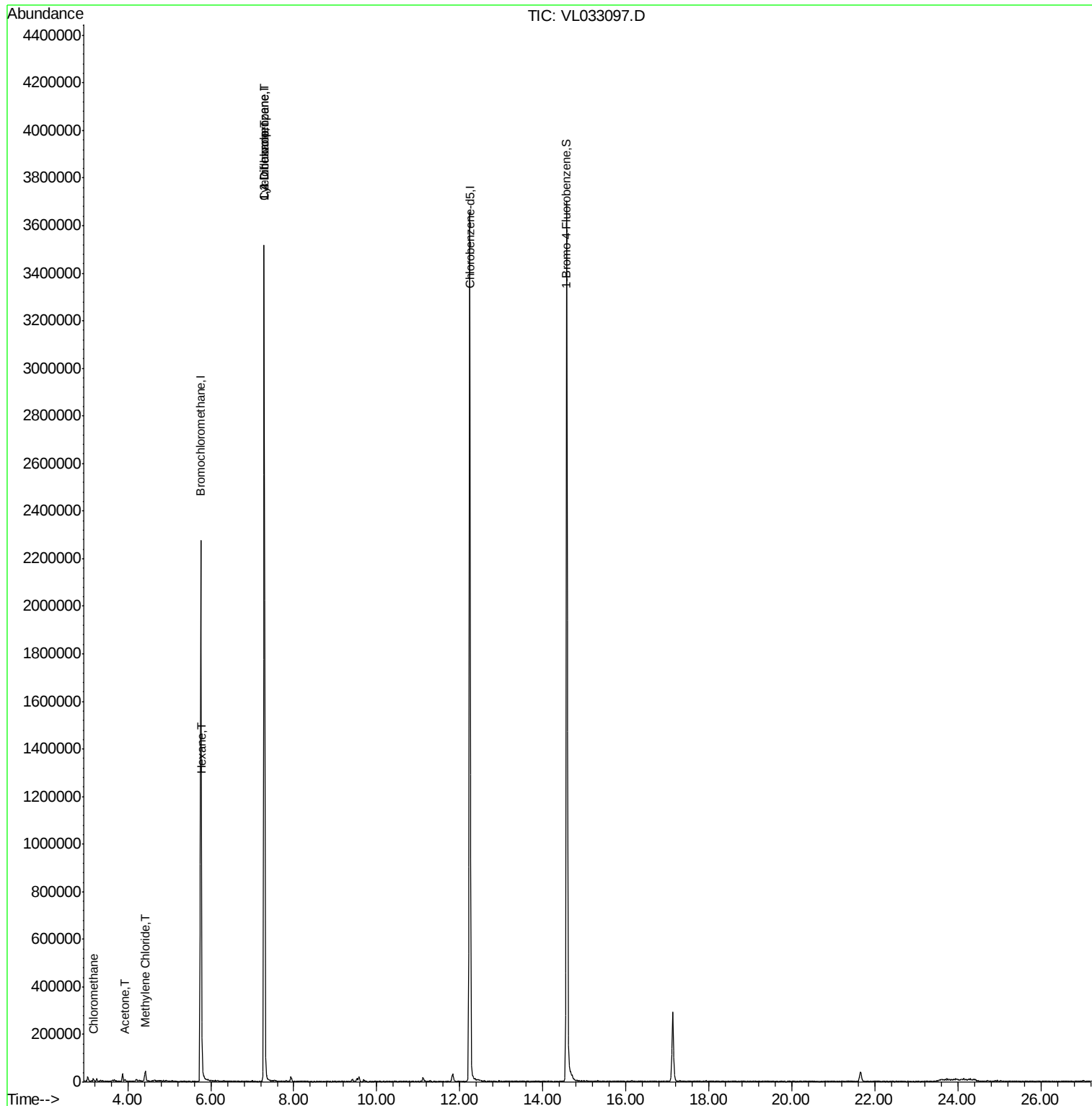
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	3.17	50	8685	0.138	ppbv	89
15) Acetone	3.93	43	7061	0.052	ppbv #	83
20) Methylene Chloride	4.41	84	6955	0.124	ppbv #	82
26) Hexane	5.78	57	4177	0.039	ppbv #	41
30) Cyclohexane	7.28	84	6040	0.076	ppbv #	1
39) 1,2-Dichloropropane	7.29	63	592742	8.324	ppbv #	23

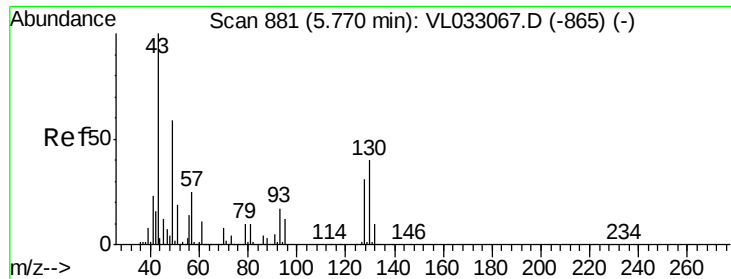
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL033097.D
Acq On : 16 Jan 2019 18:21
Operator : SY/AP
Sample : QC010719 CAN 10160
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC010719 CAN 10160

Quant Time: Jan 17 01:54:39 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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.01 min

Lab File: VL033097.D

Acq: 16 Jan 2019 18:21

Instrument :

MSVOA_L

ClientSampleId :

QC010719 CAN 10160

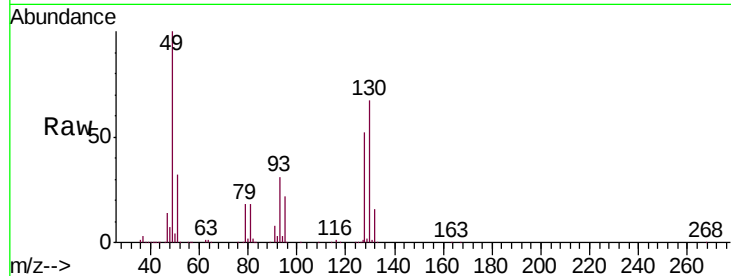
Tgt Ion: 49 Resp: 973826

Ion Ratio Lower Upper

49 100

128 52.6 26.2 78.5

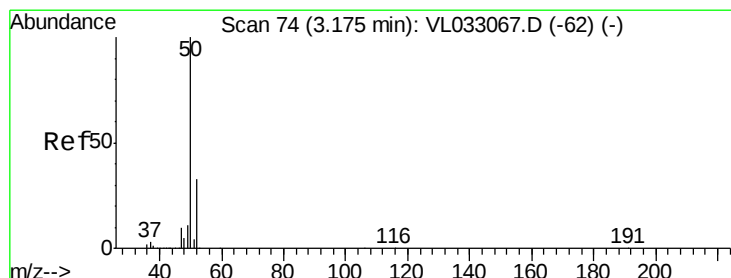
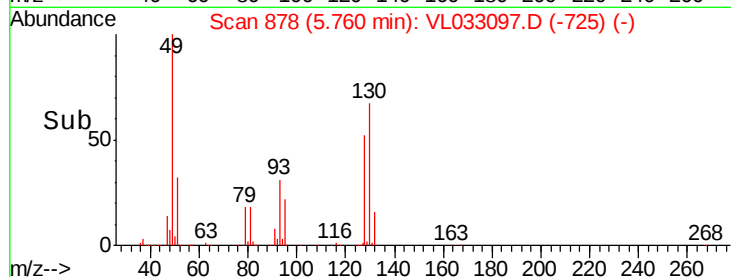
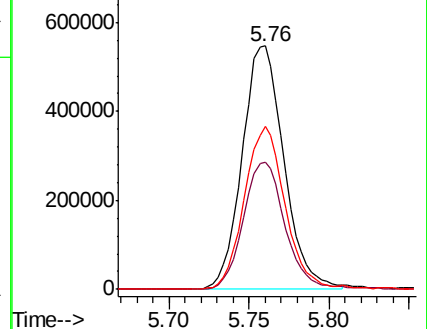
130 66.2 33.6 100.6



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



#4

Chloromethane

Concen: 0.138 ppbv

RT: 3.17 min Scan# 71

Delta R.T. -0.01 min

Lab File: VL033097.D

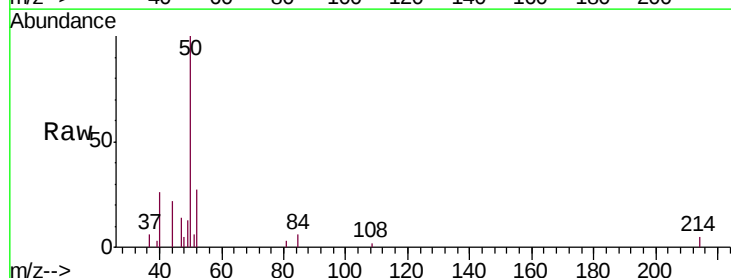
Acq: 16 Jan 2019 18:21

Tgt Ion: 50 Resp: 8685

Ion Ratio Lower Upper

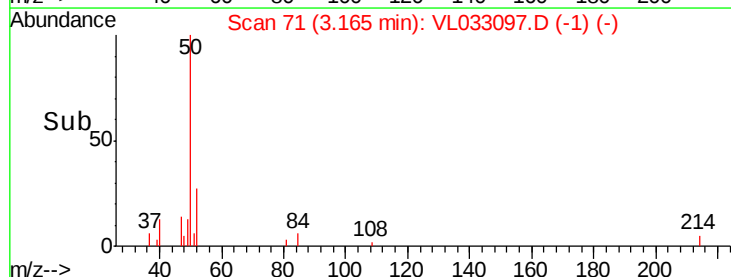
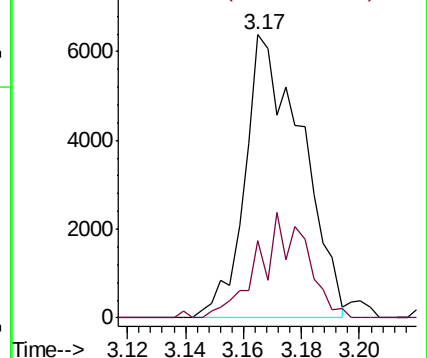
50 100

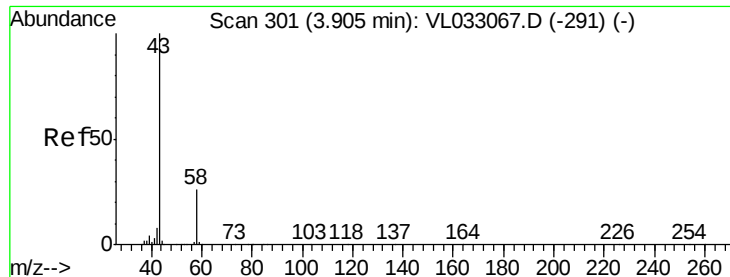
52 27.3 26.9 40.3



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#15

Acetone

Concen: 0.052 ppbv

RT: 3.93 min Scan# 309

Delta R.T. 0.03 min

Lab File: VL033097.D

Acq: 16 Jan 2019 18:21

Instrument :

MSVOA_L

ClientSampleId :

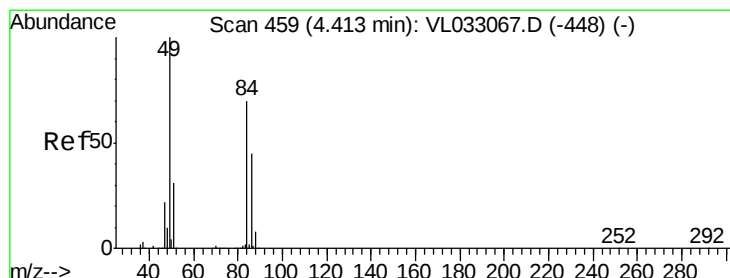
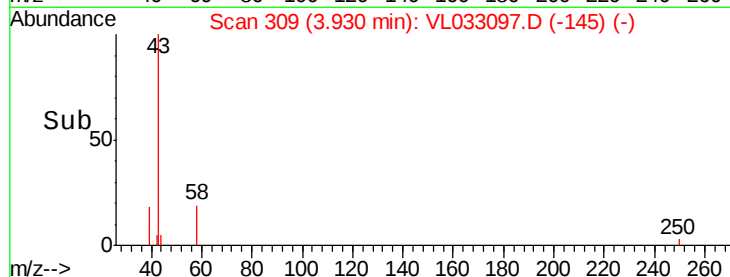
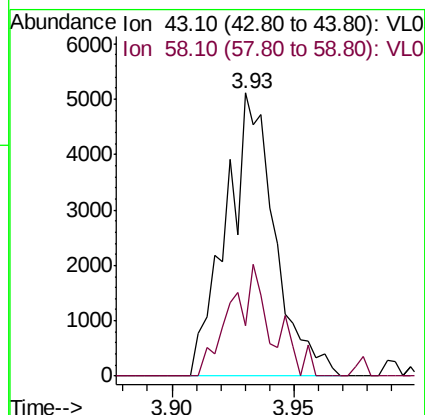
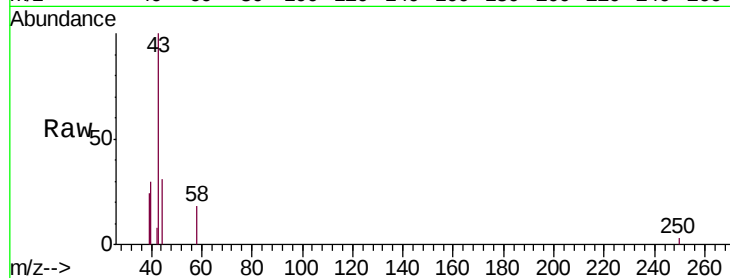
QC010719 CAN 10160

Tgt Ion: 43 Resp: 7061

Ion Ratio Lower Upper

43 100

58 35.2 21.1 31.7#



#20

Methylene Chloride

Concen: 0.124 ppbv

RT: 4.41 min Scan# 458

Delta R.T. -0.00 min

Lab File: VL033097.D

Acq: 16 Jan 2019 18:21

Tgt Ion: 84 Resp: 6955

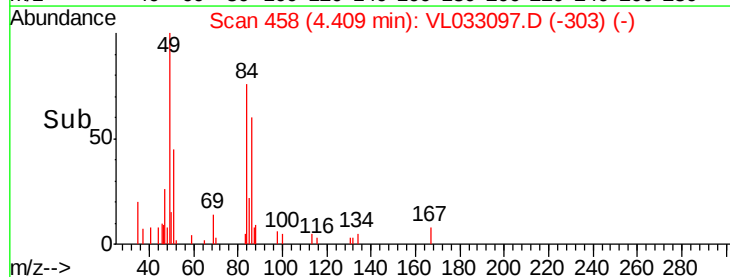
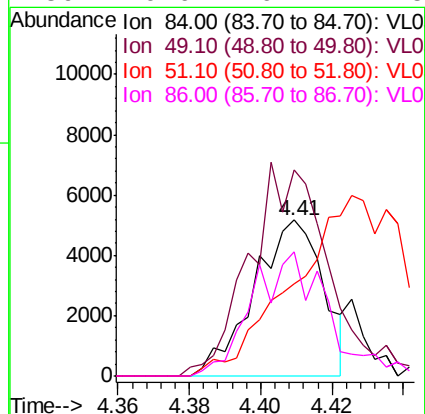
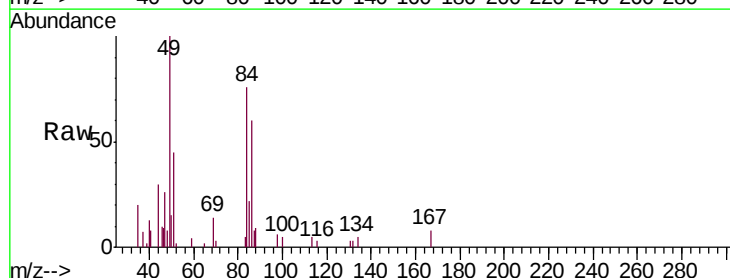
Ion Ratio Lower Upper

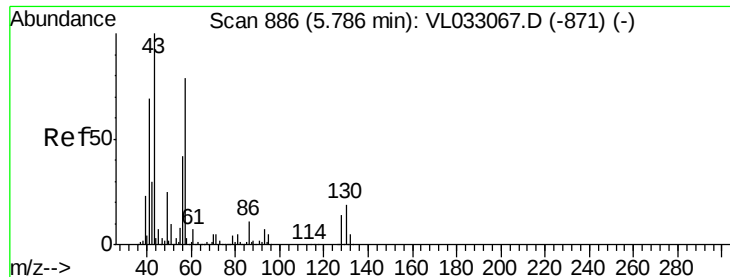
84 100

49 125.8 115.8 173.6

51 59.1 35.7 53.5#

86 79.6 49.7 74.5#

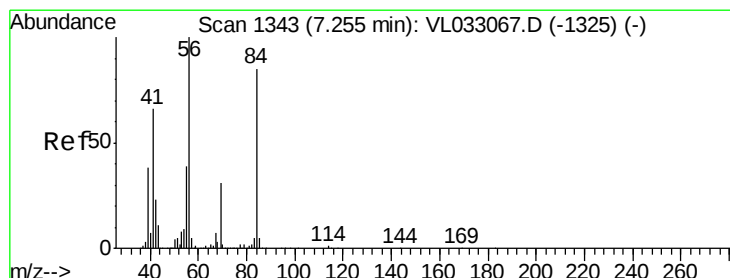
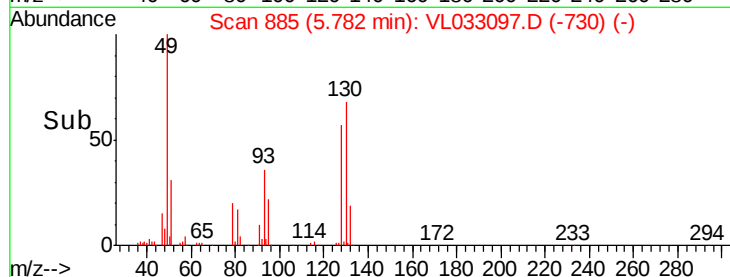
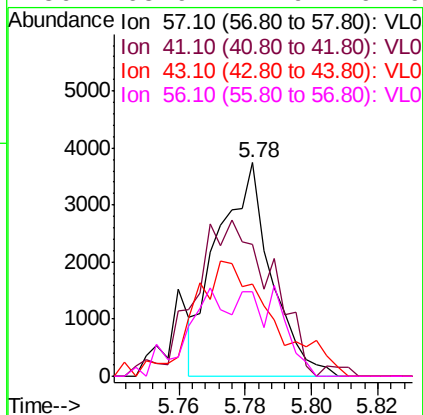
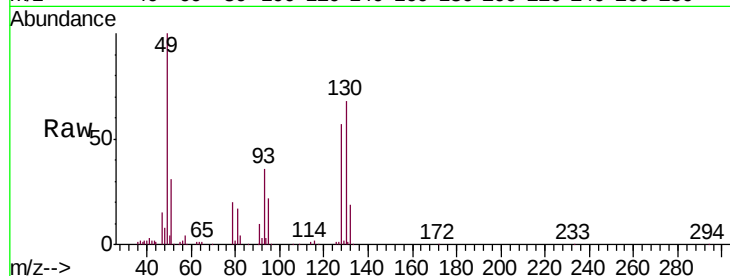




#26
Hexane
Concen: 0.039 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.00 min
Lab File: VL033097.D
Acq: 16 Jan 2019 18:21

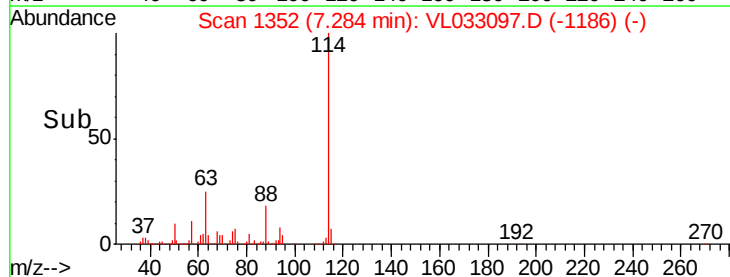
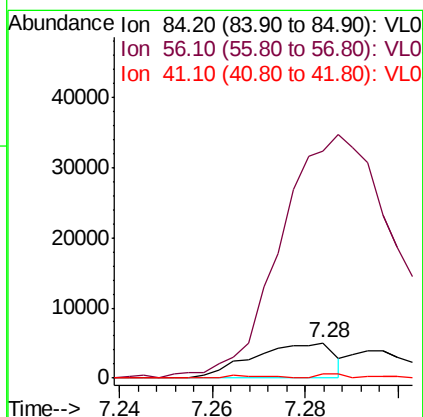
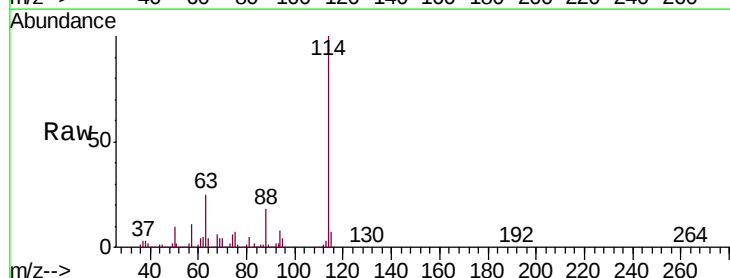
Instrument :
MSVOA_L
ClientSampleId :
QC010719 CAN 10160

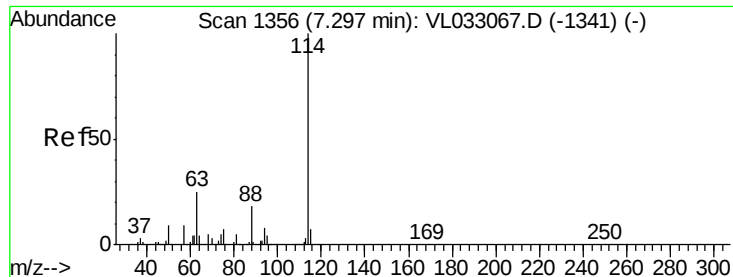
Tgt Ion: 57 Resp: 4177
Ion Ratio Lower Upper
57 100
41 108.6 70.8 106.2#
43 81.0 171.8 257.6#
56 65.9 41.9 62.9#



#30
Cyclohexane
Concen: 0.076 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. 0.04 min
Lab File: VL033097.D
Acq: 16 Jan 2019 18:21

Tgt Ion: 84 Resp: 6040
Ion Ratio Lower Upper
84 100
56 1013.6 101.8 152.6#
41 7.4 63.2 94.8#

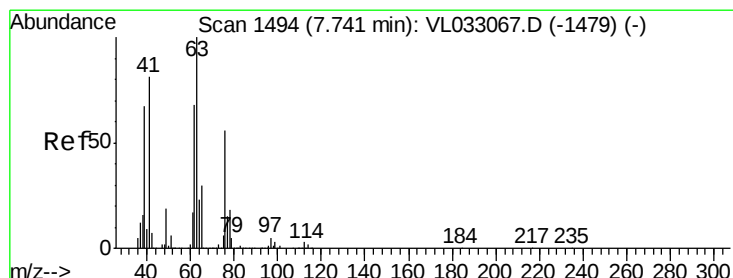
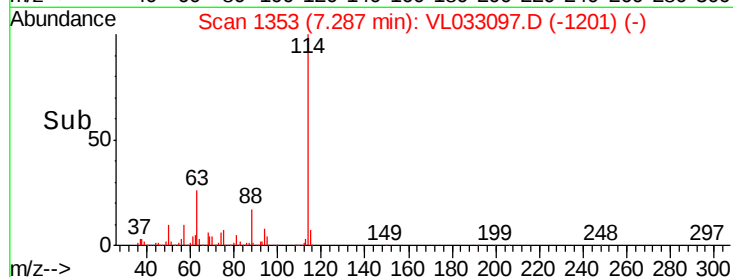
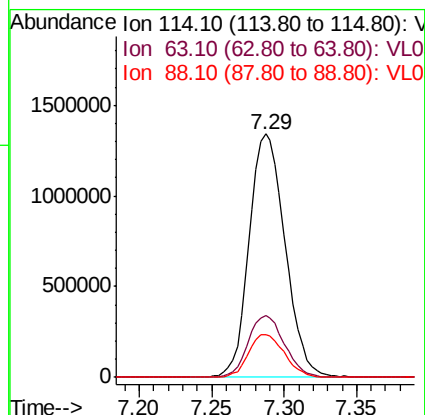
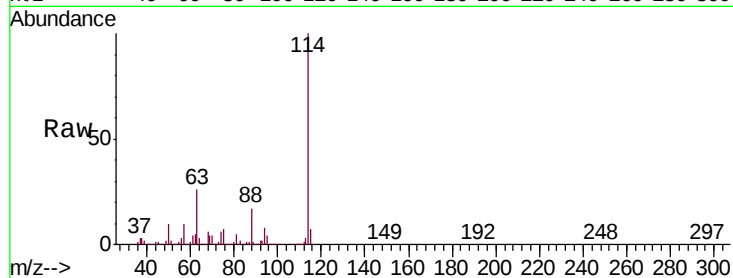




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033097.D
 Acq: 16 Jan 2019 18:21

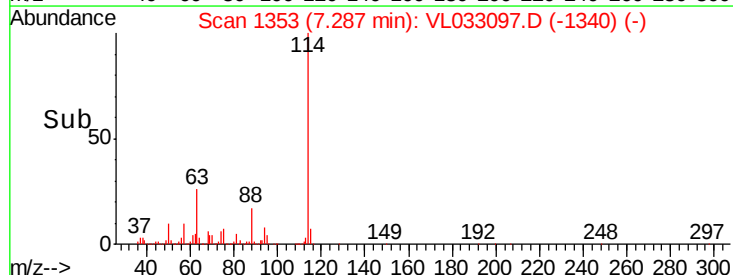
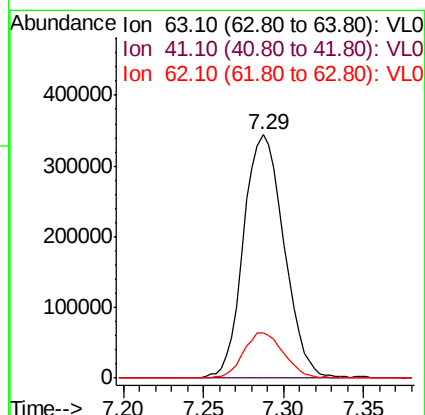
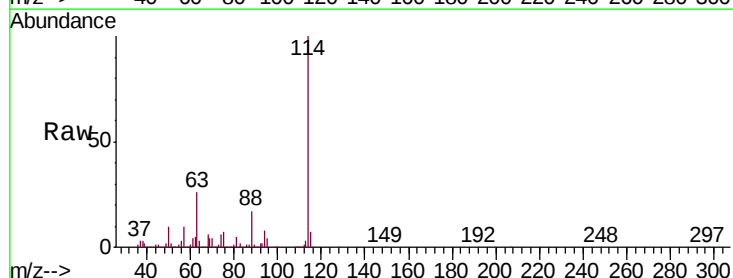
Instrument :
 MSVOA_L
 ClientSampleId :
 QC010719 CAN 10160

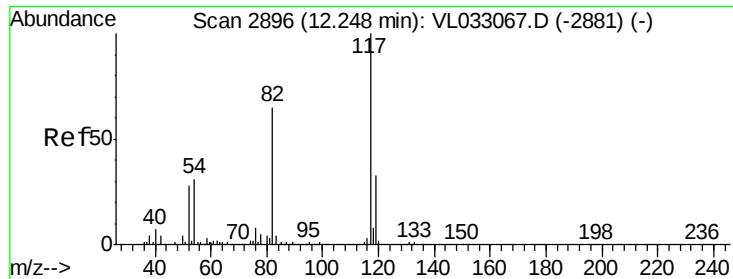
Tgt Ion: 114 Resp: 2314077
 Ion Ratio Lower Upper
 114 100
 63 25.8 20.1 30.1
 88 17.7 14.0 21.0



#39
 1,2-Dichloropropane
 Concen: 8.324 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.46 min
 Lab File: VL033097.D
 Acq: 16 Jan 2019 18:21

Tgt Ion: 63 Resp: 592742
 Ion Ratio Lower Upper
 63 100
 41 0.2 61.9 92.9#
 62 18.5 55.8 83.6#

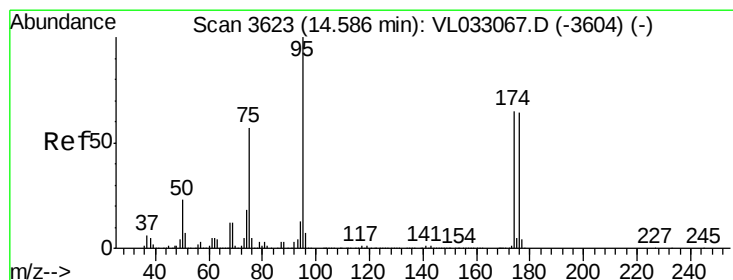
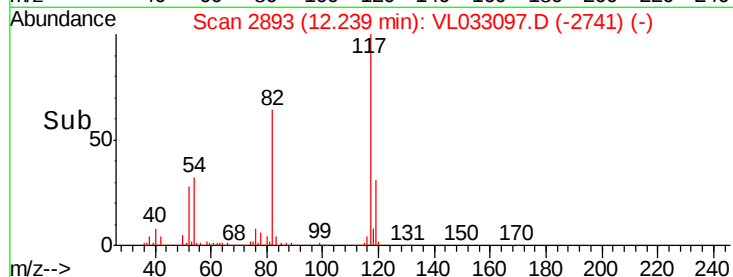
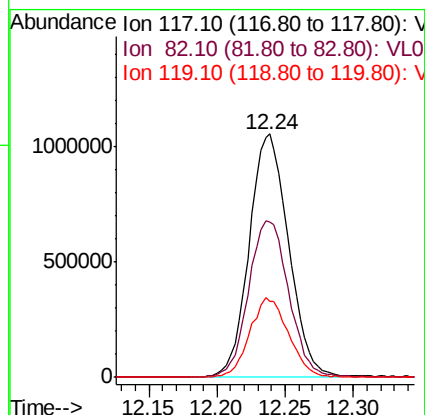
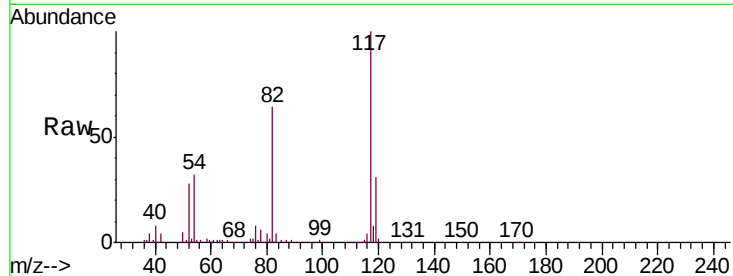




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033097.D
Acq: 16 Jan 2019 18:21

Instrument :
MSVOA_L
ClientSampleId :
QC010719 CAN 10160

Tgt Ion: 117 Resp: 2114733
Ion Ratio Lower Upper
117 100
82 66.3 48.9 73.3
119 32.4 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.239 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033097.D
Acq: 16 Jan 2019 18:21

Tgt Ion: 95 Resp: 1659768
Ion Ratio Lower Upper
95 100
174 63.2 51.9 77.9
175 4.7 3.9 5.9

