

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

Data File : VL033100.D
Acq On : 16 Jan 2019 20:24
Operator : SY/AP
Sample : CAN 10403
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10403

Quant Time: Jan 17 01:55:21 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	1004210	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2324414	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2157293	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1671785	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

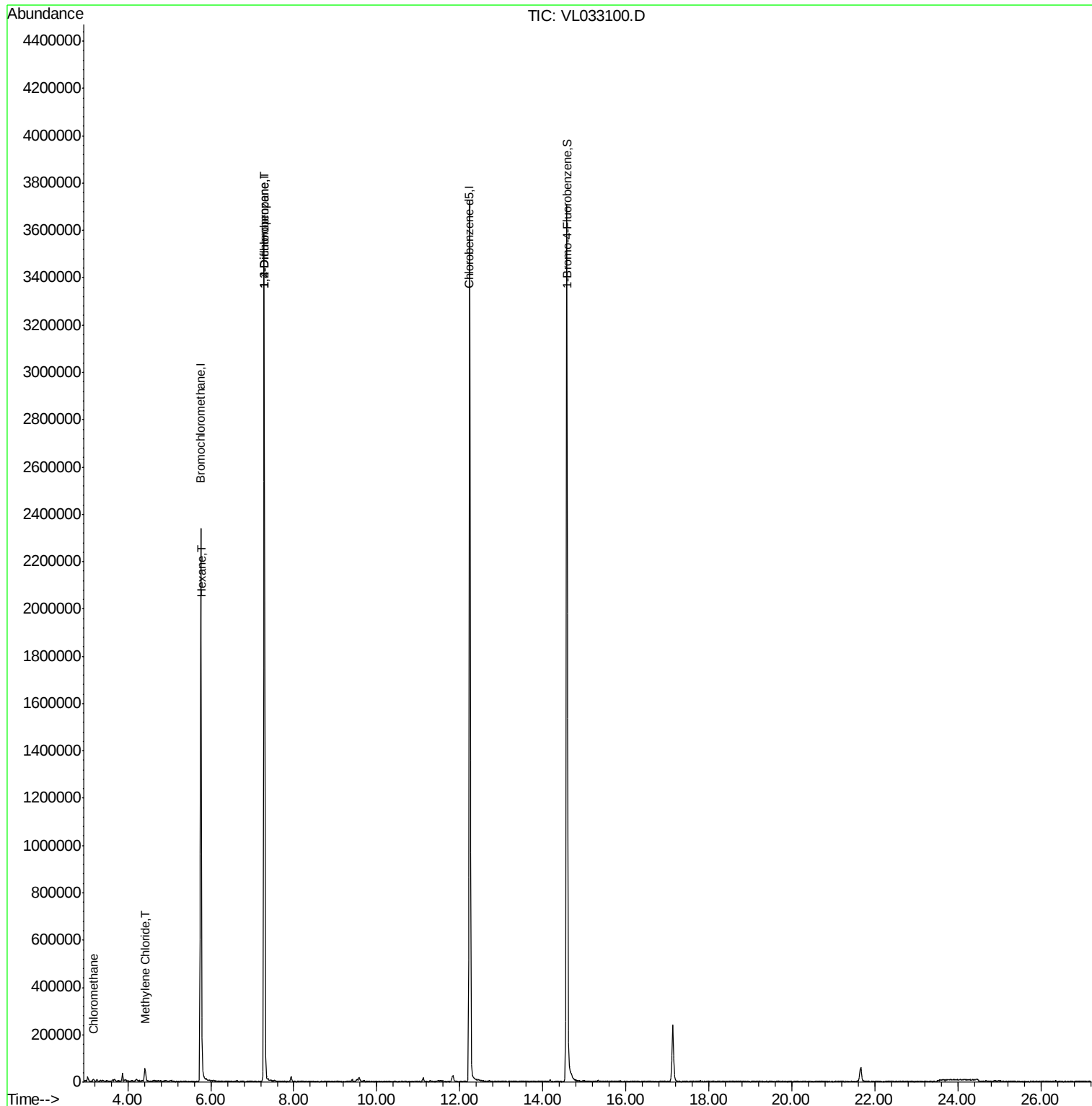
Target Compounds					Qvalue	
4) Chloromethane	3.17	50	4969	0.076	ppbv #	71
20) Methylene Chloride	4.41	84	14135	0.244	ppbv #	85
26) Hexane	5.78	57	5378	0.049	ppbv #	29
39) 1,2-Dichloropropane	7.29	63	598186	8.363	ppbv #	23

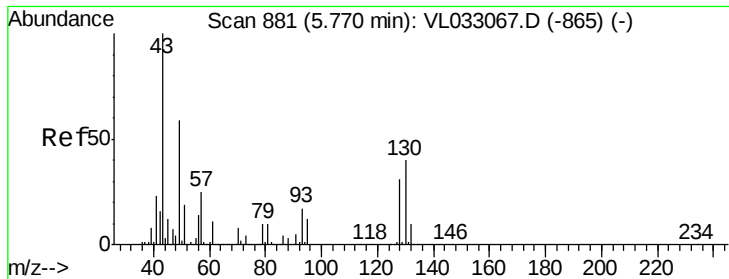
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033100.D

Acq: 16 Jan 2019 20:24

Instrument :

MSVOA_L

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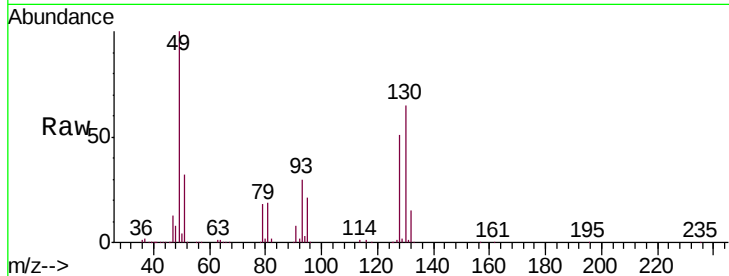
Tgt Ion: 49 Resp: 1004210

Ion Ratio Lower Upper

49 100

128 52.2 26.2 78.5

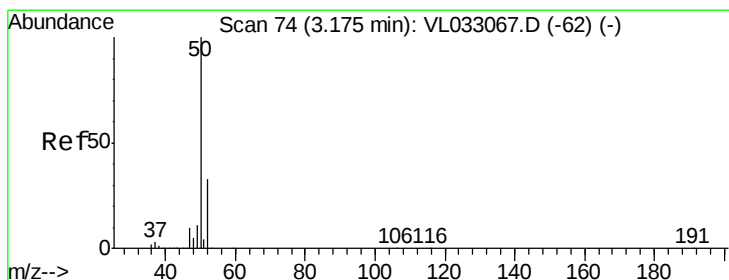
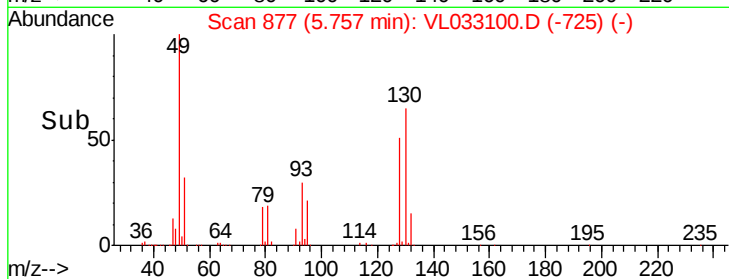
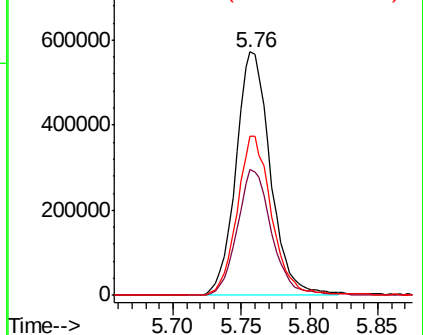
130 65.7 33.6 100.6



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#4

Chloromethane

Concen: 0.076 ppbv

RT: 3.17 min Scan# 73

Delta R.T. -0.00 min

Lab File: VL033100.D

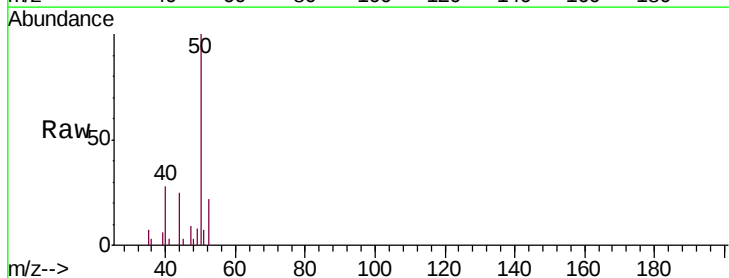
Acq: 16 Jan 2019 20:24

Tgt Ion: 50 Resp: 4969

Ion Ratio Lower Upper

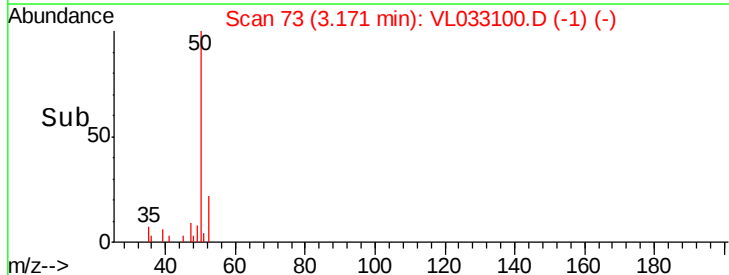
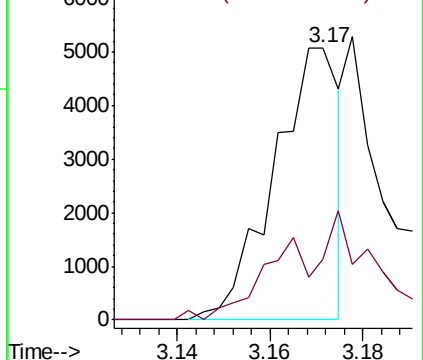
50 100

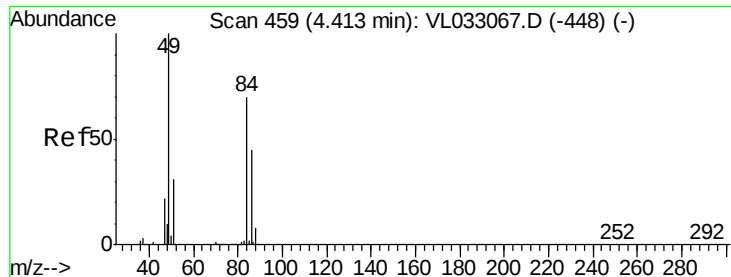
52 17.3 26.9 40.3#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#20

Methylene Chloride

Concen: 0.244 ppbv

RT: 4.41 min Scan# 458

Delta R.T. -0.00 min

Lab File: VL033100.D

Acq: 16 Jan 2019 20:24

Instrument :

MSVOA_L

ClientSampleId :

CAN 10403

Tgt Ion: 84 Resp: 14135

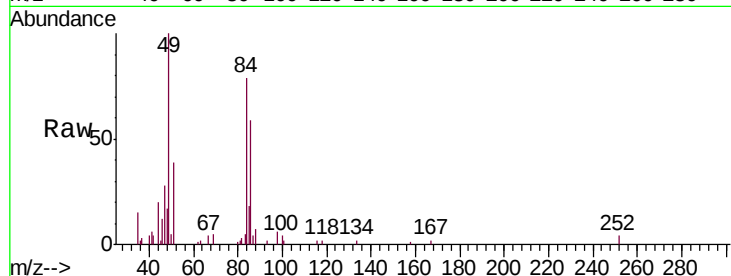
Ion Ratio Lower Upper

84 100

49 123.3 115.8 173.6

51 49.9 35.7 53.5

86 74.5 49.7 74.5#



Abundance

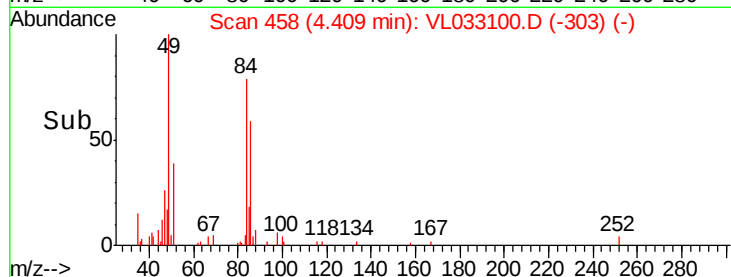
Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

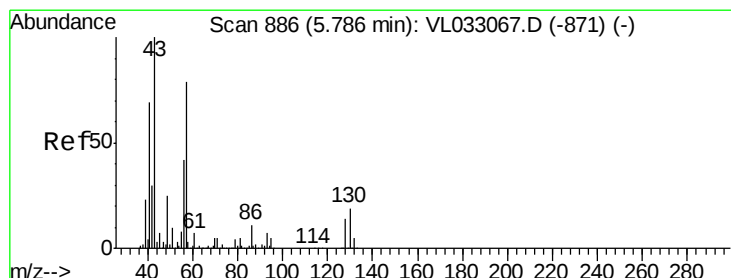
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

Time-->



Time-->



#26

Hexane

Concen: 0.049 ppbv

RT: 5.78 min Scan# 883

Delta R.T. -0.01 min

Lab File: VL033100.D

Acq: 16 Jan 2019 20:24

Tgt Ion: 57 Resp: 5378

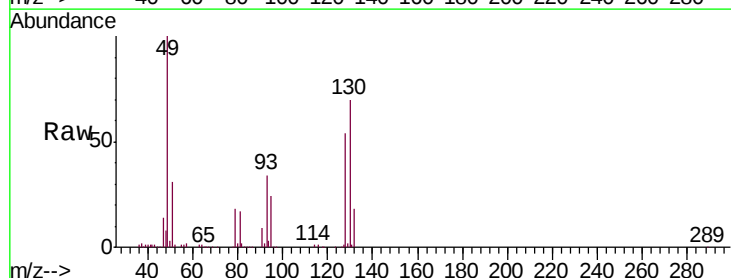
Ion Ratio Lower Upper

57 100

41 122.5 70.8 106.2#

43 69.1 171.8 257.6#

56 83.1 41.9 62.9#



Abundance

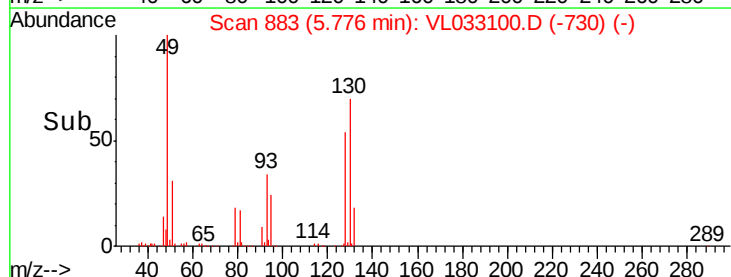
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

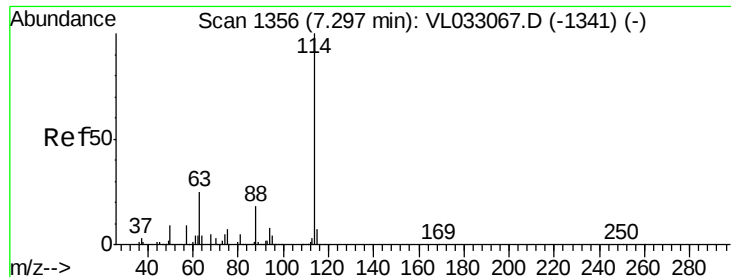
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

Time-->



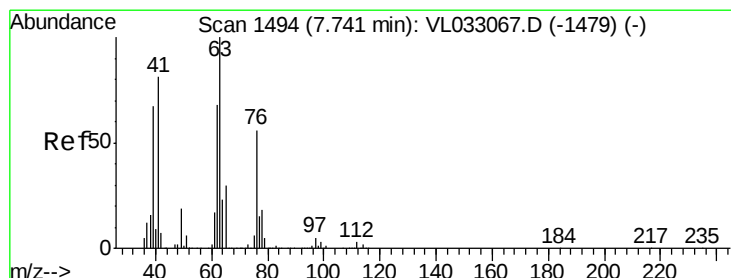
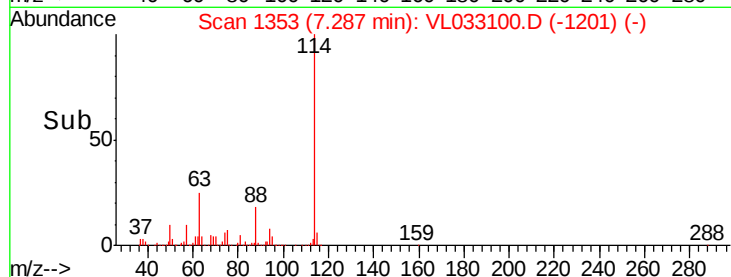
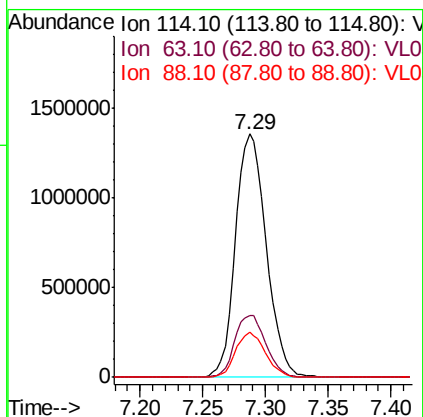
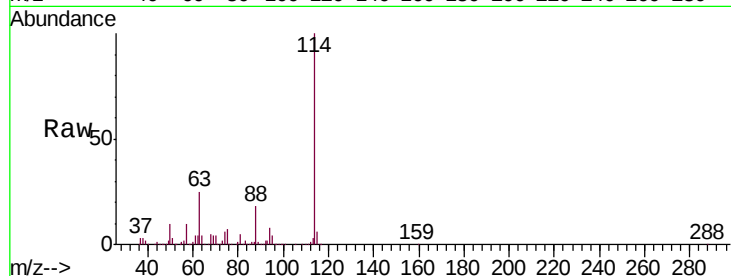
Time-->



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033100.D
 Acq: 16 Jan 2019 20:24

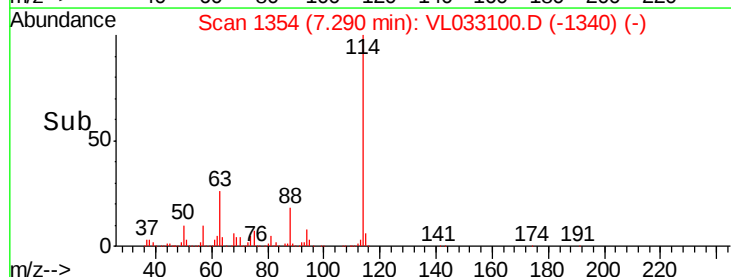
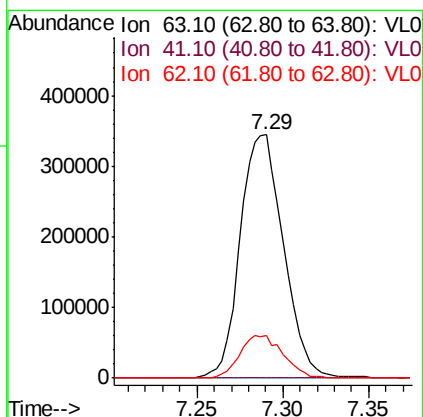
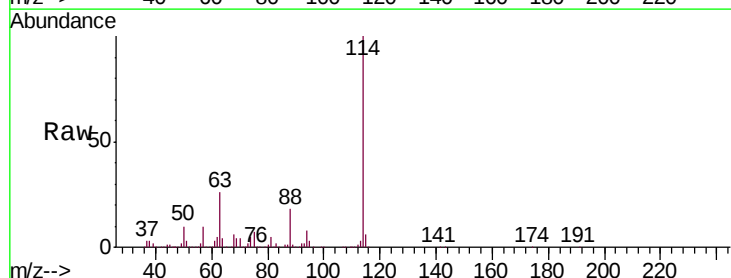
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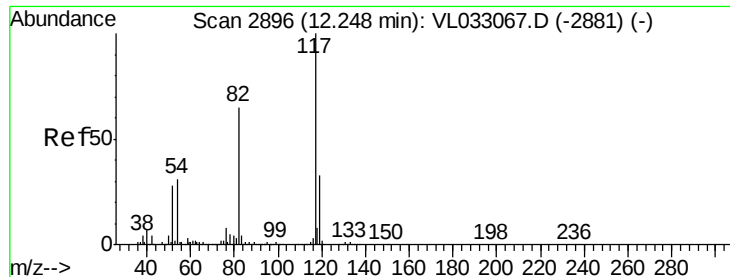
Tgt Ion: 114 Resp: 2324414
 Ion Ratio Lower Upper
 114 100
 63 25.9 20.1 30.1
 88 18.1 14.0 21.0



#39
 1,2-Dichloropropane
 Concen: 8.363 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.45 min
 Lab File: VL033100.D
 Acq: 16 Jan 2019 20:24

Tgt Ion: 63 Resp: 598186
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.9 92.9#
 62 17.3 55.8 83.6#

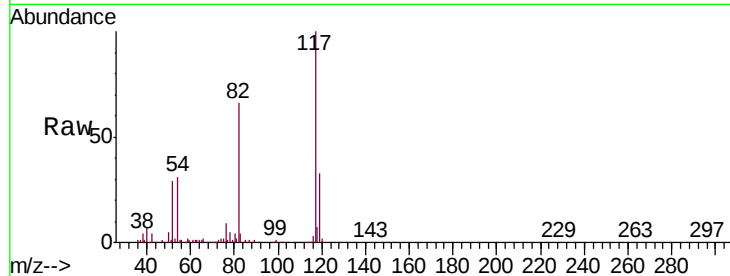




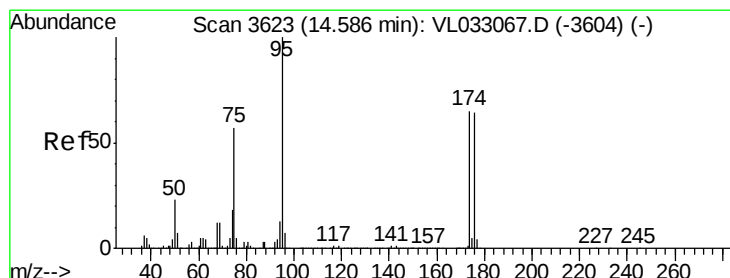
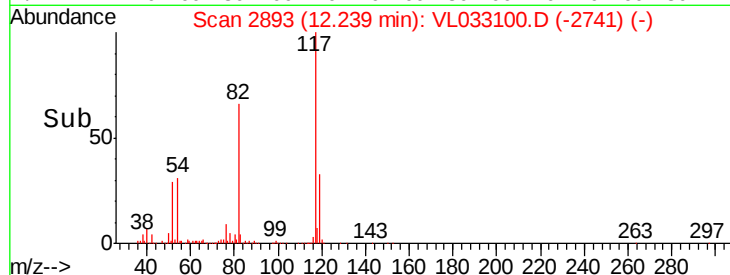
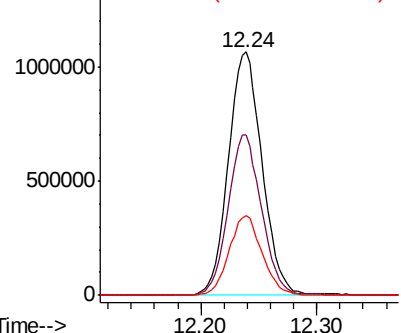
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033100.D
Acq: 16 Jan 2019 20:24

Instrument :
MSVOA_L
ClientSampleId :
CAN 10403

Tgt Ion: 117 Resp: 2157293
Ion Ratio Lower Upper
117 100
82 65.7 48.9 73.3
119 32.3 24.6 37.0

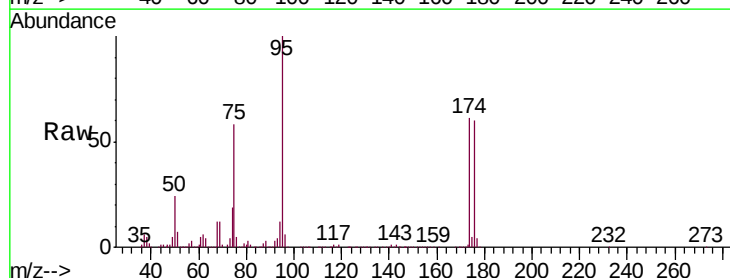


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.110 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033100.D
Acq: 16 Jan 2019 20:24

Tgt Ion: 95 Resp: 1671785
Ion Ratio Lower Upper
95 100
174 64.4 51.9 77.9
175 4.7 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

