

Data File : VL033889.D
Acq On : 7 Jun 2019 14:54
Operator : SY/AP
Sample : CAN 10763
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10763

Quant Time: Jun 08 04:20:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	786349	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	1781917	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	1776928	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1472797	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

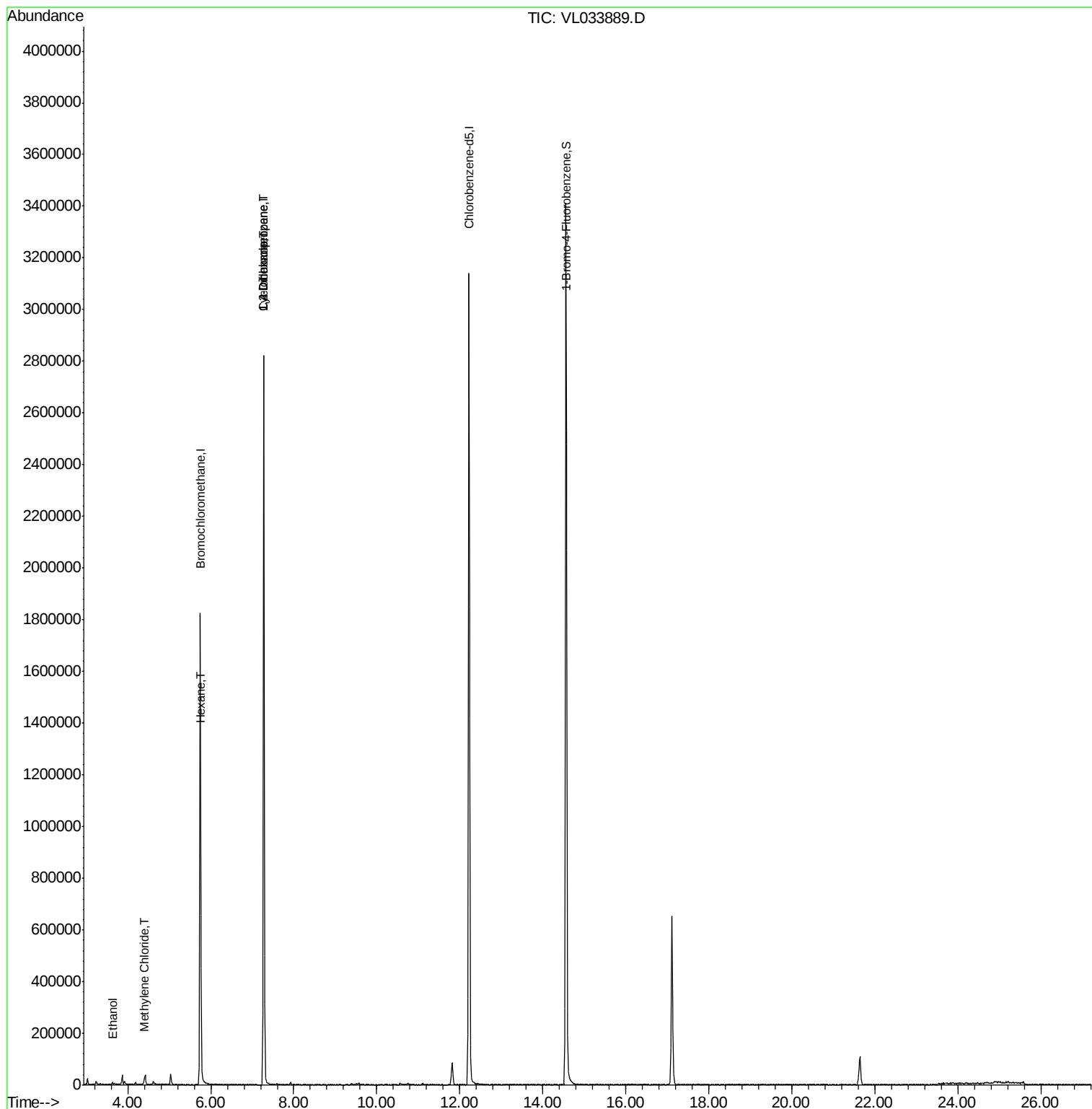
Target Compounds					Qvalue	
13) Ethanol	3.65	45	462	0.041	ppbv #	37
20) Methylene Chloride	4.40	84	8360	0.187	ppbv #	86
26) Hexane	5.77	57	2911	0.037	ppbv #	33
30) Cyclohexane	7.26	84	5165	0.092	ppbv #	1
39) 1,2-Dichloropropane	7.27	63	486778	9.266	ppbv #	26

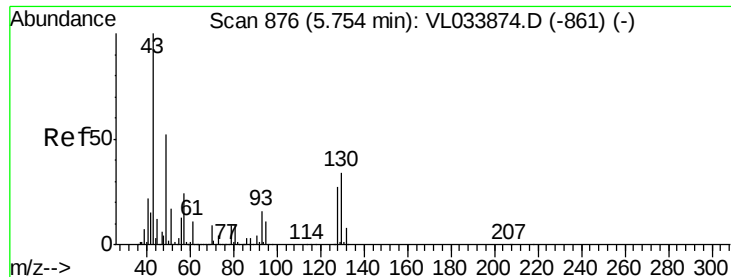
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 874

Delta R.T. -0.01 min

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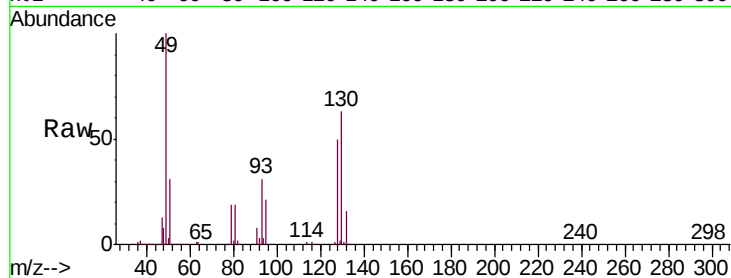
Tgt Ion: 49 Resp: 786349

Ion Ratio Lower Upper

49 100

128 49.5 25.5 76.5

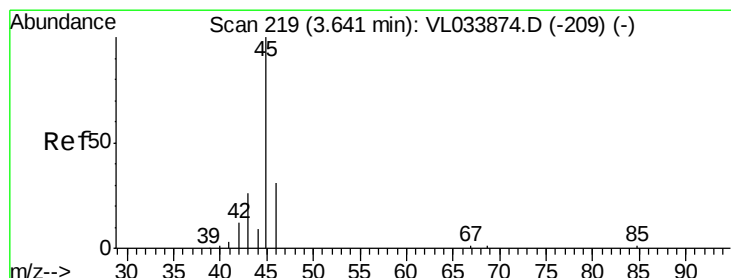
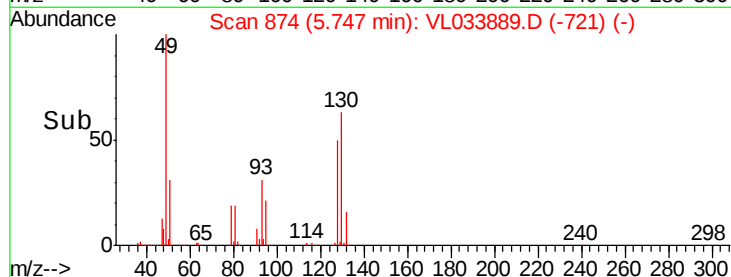
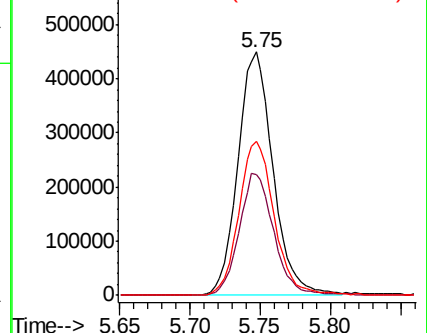
130 63.8 32.5 97.4



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



#13

Ethanol

Concen: 0.041 ppbv

RT: 3.65 min Scan# 222

Delta R.T. 0.01 min

Lab File: VL033889.D

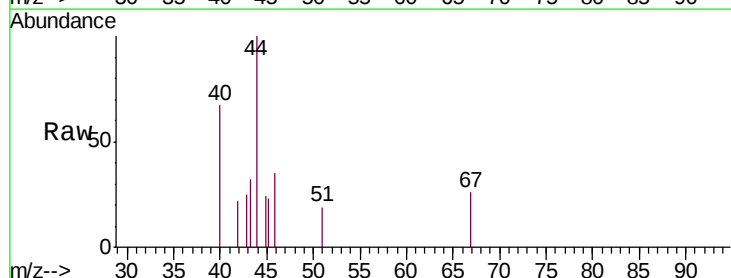
Acq: 7 Jun 2019 14:54

Tgt Ion: 45 Resp: 462

Ion Ratio Lower Upper

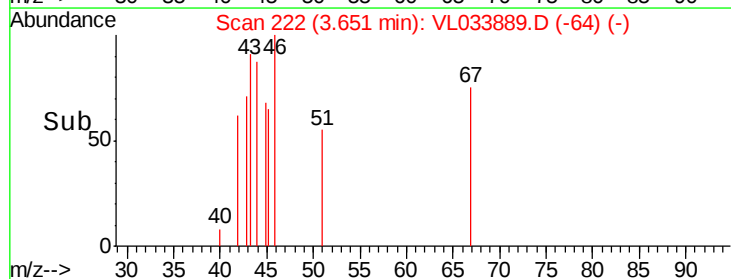
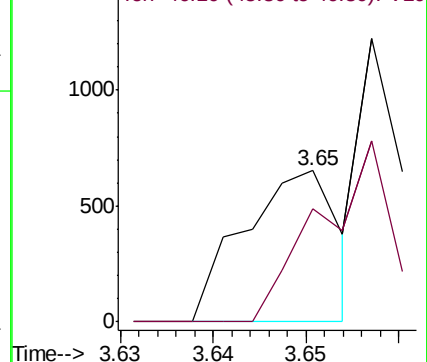
45 100

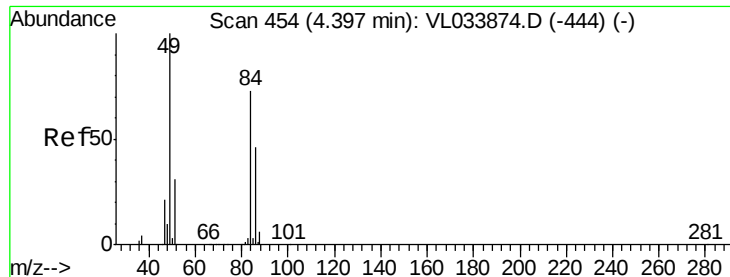
46 0.0 15.3 61.1#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

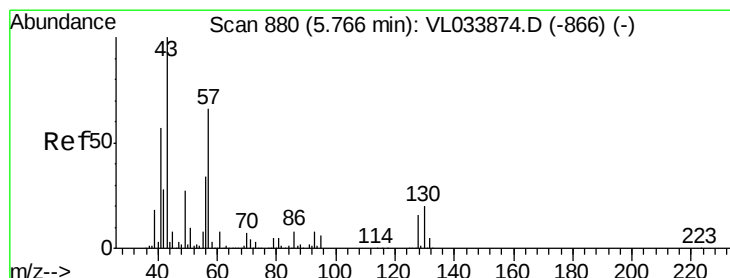
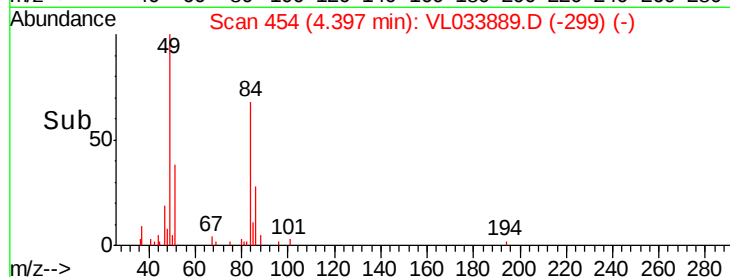
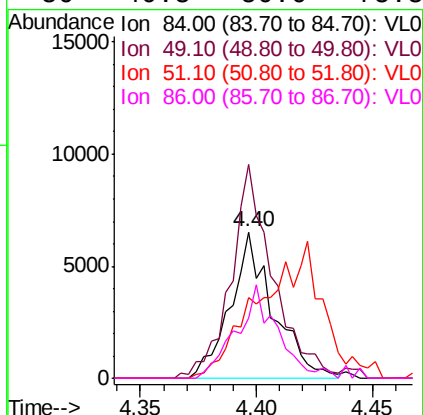
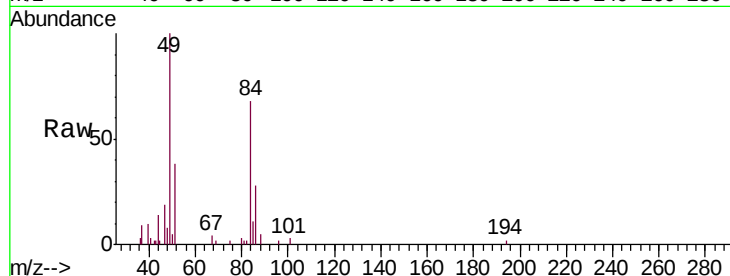




#20
Methylene Chloride
Concen: 0.187 ppbv
RT: 4.40 min Scan# 454
Delta R.T. -0.00 min
Lab File: VL033889.D
Acq: 7 Jun 2019 14:54

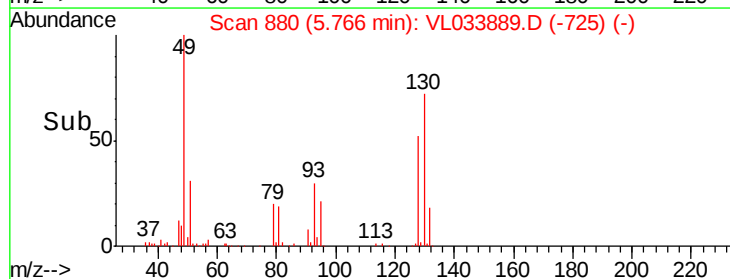
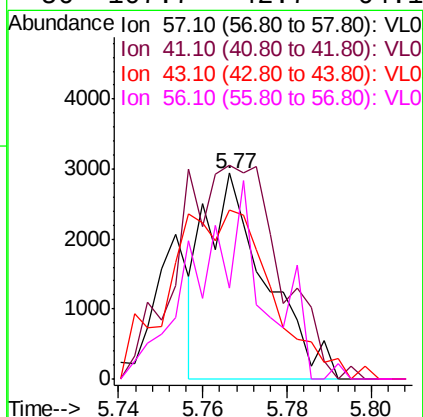
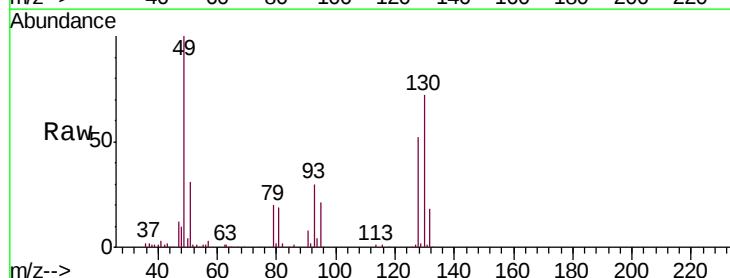
Instrument :
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ClientSampleId :
CAN 10763

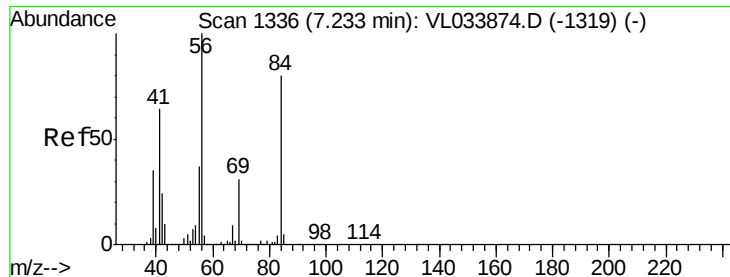
Tgt Ion: 84 Resp: 8360
Ion Ratio Lower Upper
84 100
49 143.3 110.0 165.0
51 55.4 34.6 51.8#
86 40.8 50.6 75.8#



#26
Hexane
Concen: 0.037 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033889.D
Acq: 7 Jun 2019 14:54

Tgt Ion: 57 Resp: 2911
Ion Ratio Lower Upper
57 100
41 176.7 71.4 107.2#
43 140.0 183.7 275.5#
56 107.7 42.7 64.1#

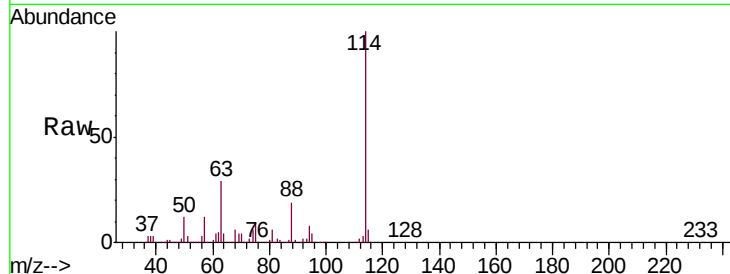




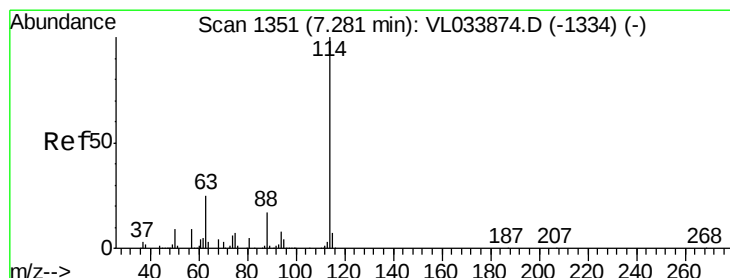
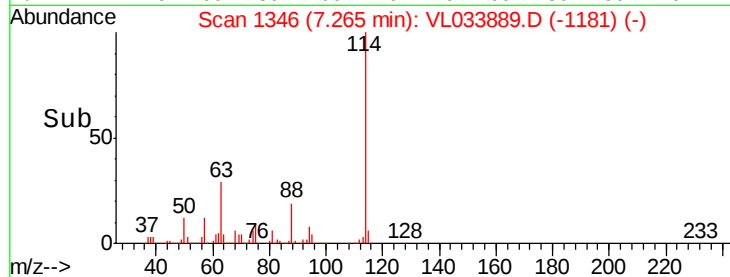
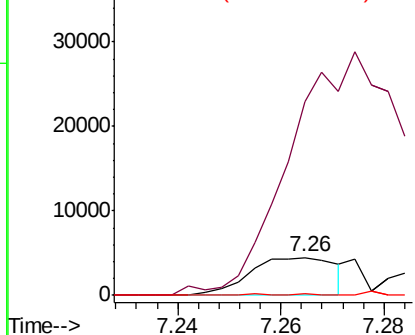
#30
Cyclohexane
Concen: 0.092 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. 0.03 min
Lab File: VL033889.D
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Instrument :
MSVOA_L
ClientSampleId :
CAN 10763

Tgt Ion: 84 Resp: 5165
Ion Ratio Lower Upper
84 100
56 0.0 105.8 158.8#
41 0.0 65.7 98.5#

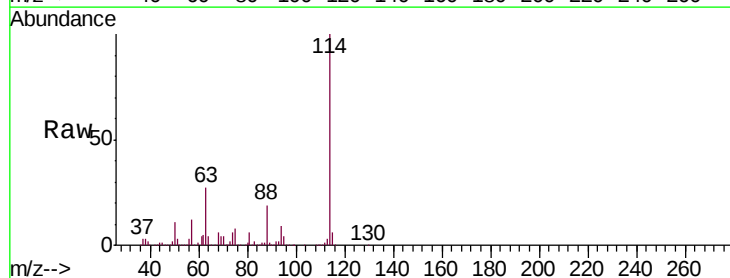


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

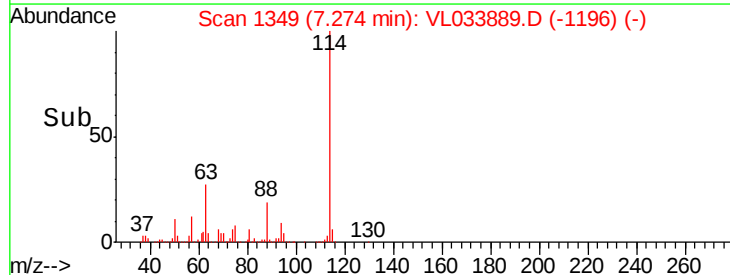
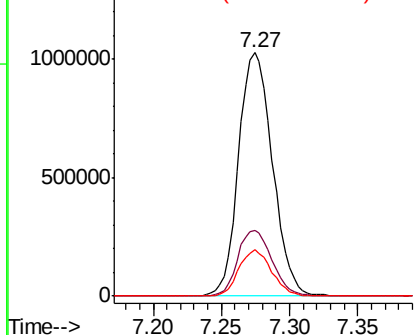


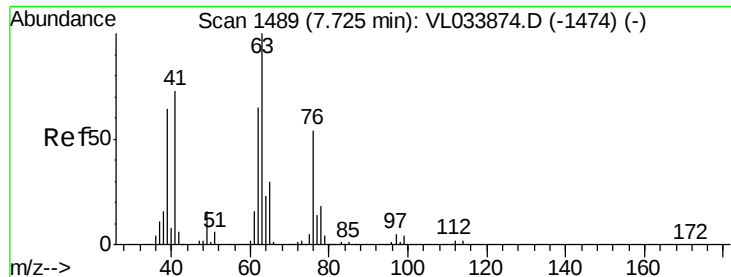
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL033889.D
Acq: 7 Jun 2019 14:54

Tgt Ion: 114 Resp: 1781917
Ion Ratio Lower Upper
114 100
63 27.4 21.1 31.7
88 18.2 14.2 21.4



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

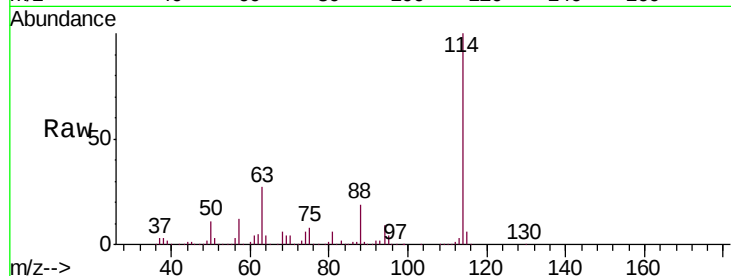




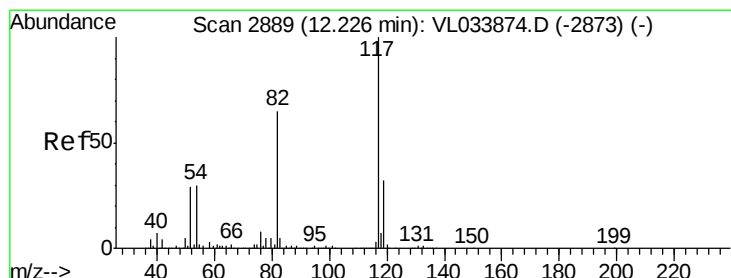
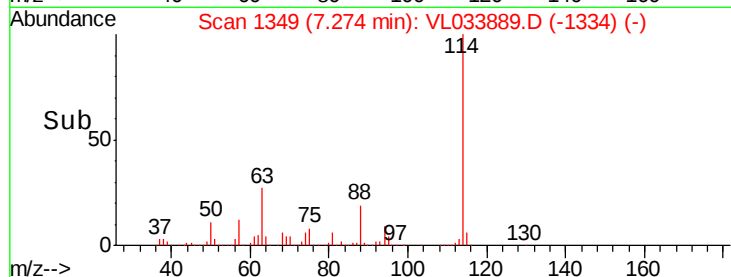
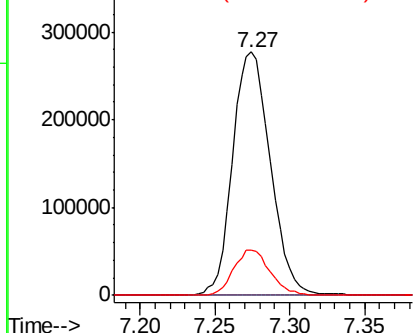
#39
 1,2-Dichloropropane
 Concen: 9.266 ppbv
 RT: 7.27 min Scan# 1349
 Delta R.T. -0.45 min
 Lab File: VL033889.D
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Instrument :
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Tgt Ion: 63 Resp: 486778
 Ion Ratio Lower Upper
 63 100
 41 0.0 58.7 88.1#
 62 18.6 51.9 77.9#

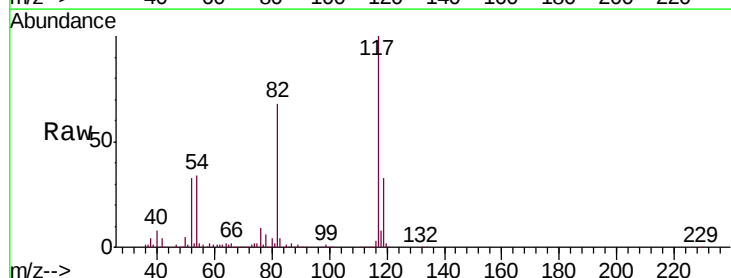


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

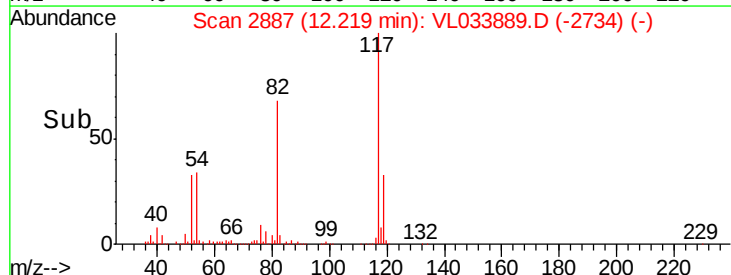
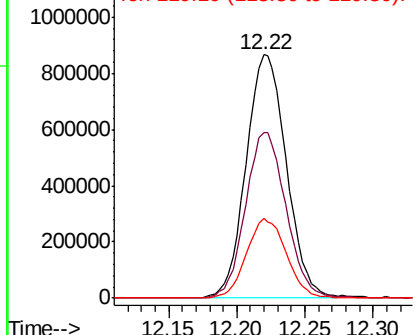


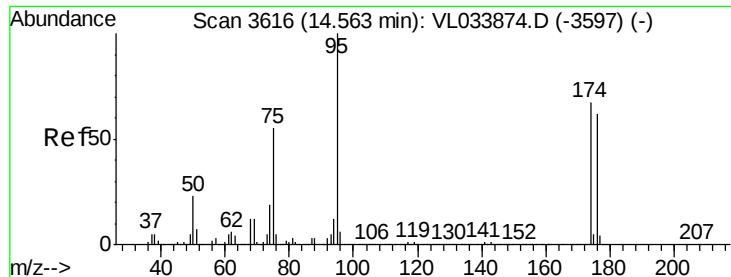
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.22 min Scan# 2887
 Delta R.T. -0.01 min
 Lab File: VL033889.D
 Acq: 7 Jun 2019 14:54

Tgt Ion: 117 Resp: 1776928
 Ion Ratio Lower Upper
 117 100
 82 69.1 50.2 75.2
 119 32.5 24.8 37.2



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: 10.091 ppbv
 RT: 14.56 min Scan# 3614
 Delta R.T. -0.01 min
 Lab File: VL033889.D
 Acq: 7 Jun 2019 14:54

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10763

Tgt Ion: 95 Resp: 1472797
 Ion Ratio Lower Upper
 95 100
 174 65.7 54.0 81.0
 175 4.6 3.8 5.8

