

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035273.D
 Acq On : 30 Jul 2020 9:29
 Operator : SY/AP
 Sample : L3474-03DL2 200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SINKDL2

Quant Time: Jul 30 10:24:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1079980	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2671095	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2529204	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2009253	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

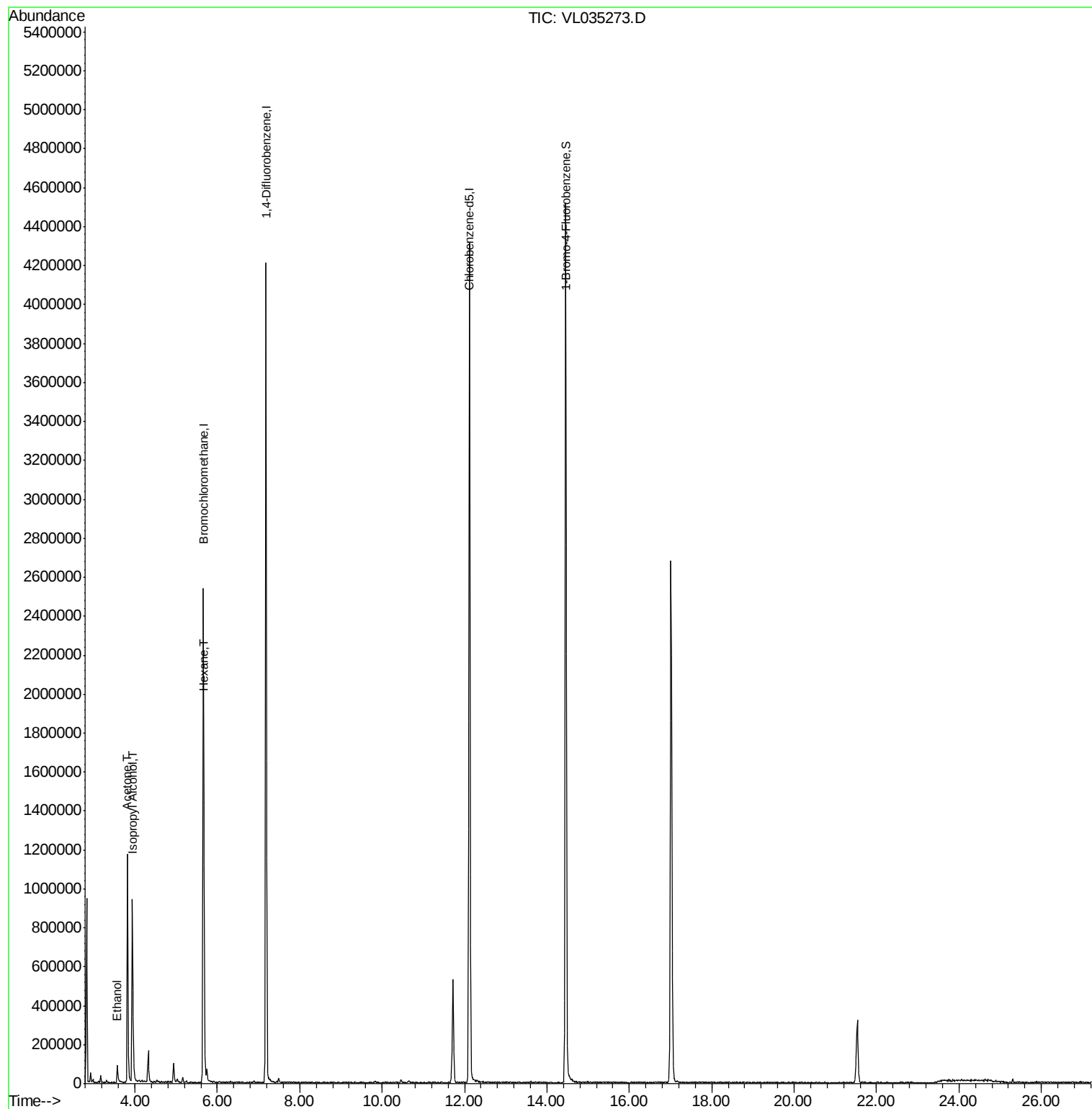
Target Compounds					Ovalue
13) Ethanol	3.57	45	79524	4.689	ppbv 98
15) Acetone	3.82	43	1125992	7.816	ppbv 98
19) Isopropyl Alcohol	3.93	45	925548	9.742	ppbv # 98
26) Hexane	5.68	57	86192	0.849	ppbv # 41

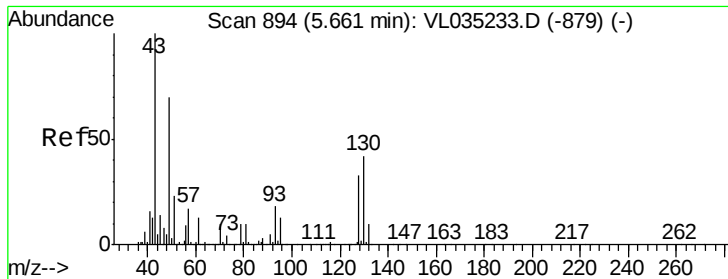
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

Lab File: VL035273.D

Acq: 30 Jul 2020 9:29

Instrument :

MSVOA_L

ClientSampleId :

SINKDL2

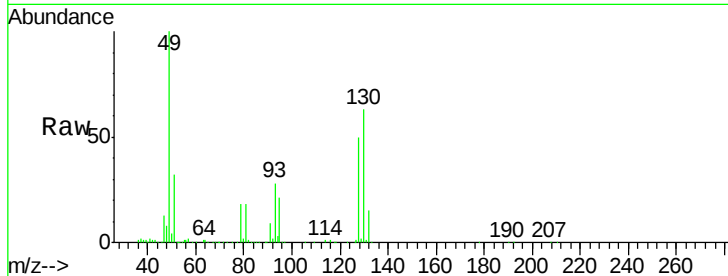
Tot Ion: 49 Resp: 1079980

Ion Ratio Lower Upper

49 100

128 50.7 24.0 72.0

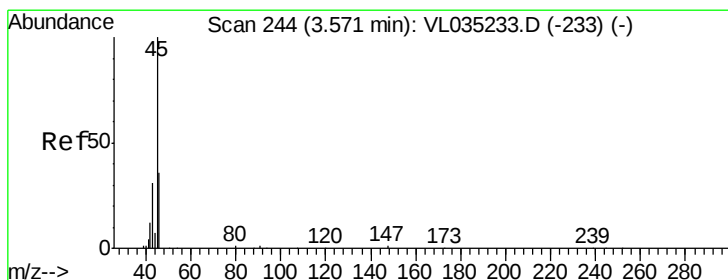
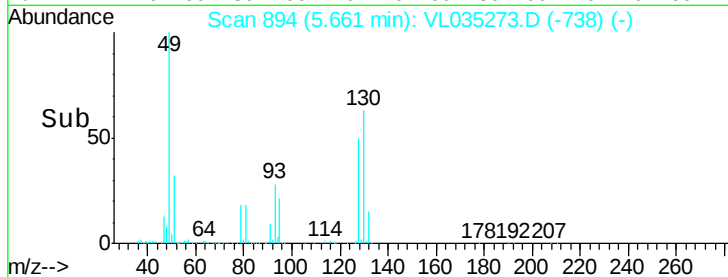
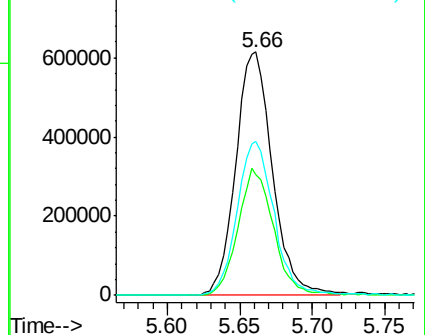
130 64.4 30.7 92.1



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: 4.689 ppbv

RT: 3.57 min Scan# 243

Delta R.T. -0.00 min

Lab File: VL035273.D

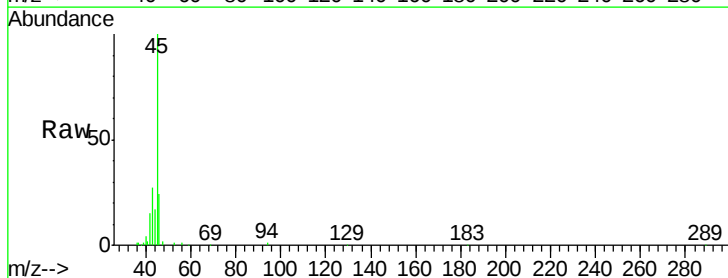
Acq: 30 Jul 2020 9:29

Tgt Ion: 45 Resp: 79524

Ion Ratio Lower Upper

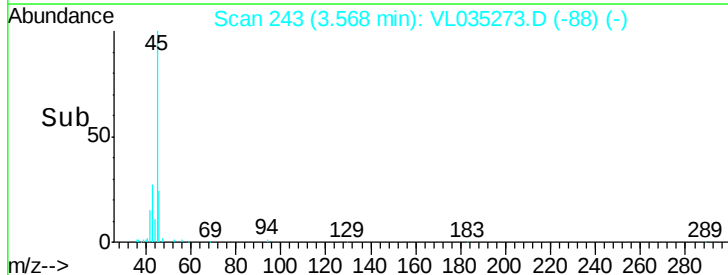
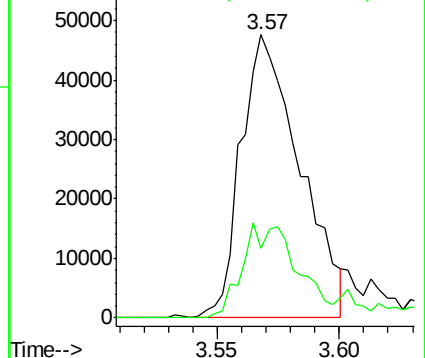
45 100

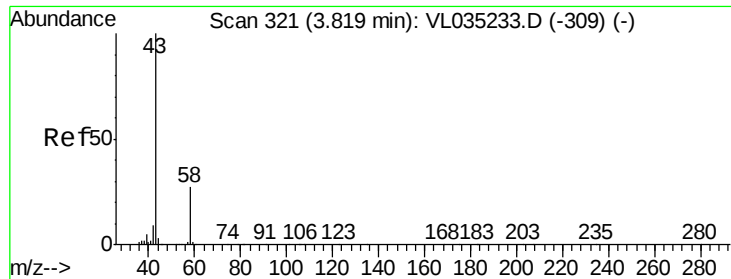
46 38.5 15.8 63.4



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

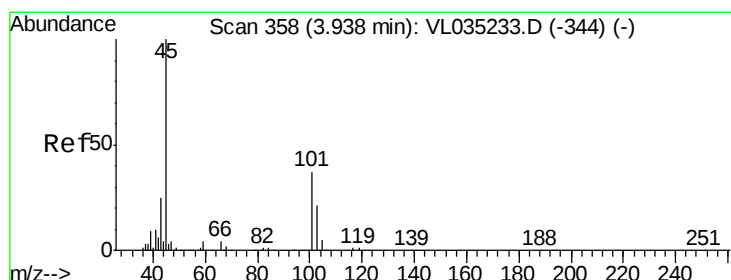
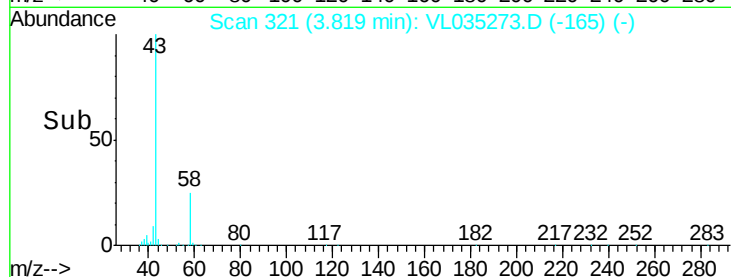
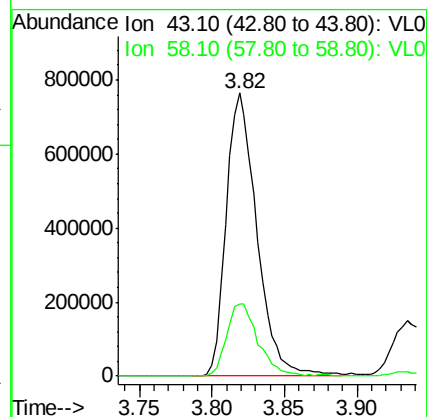
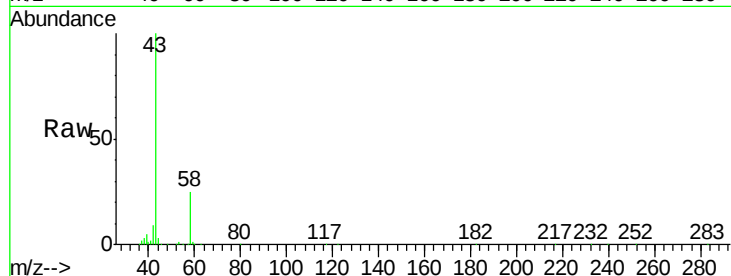




#15
Acetone
Concen: 7.816 ppbv
RT: 3.82 min Scan# 321
Delta R.T. 0.00 min
Lab File: VL035273.D
Acq: 30 Jul 2020 9:29

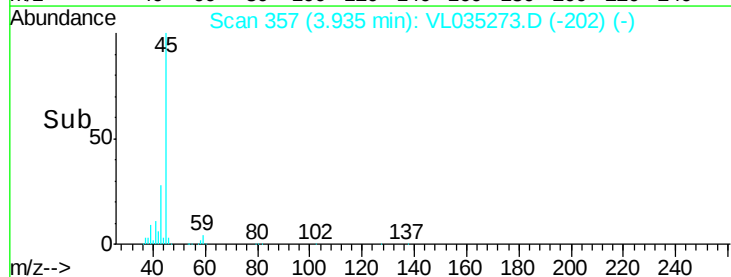
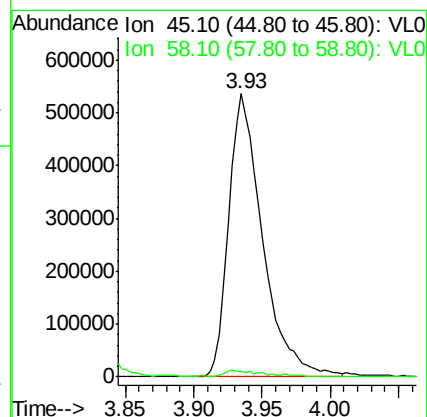
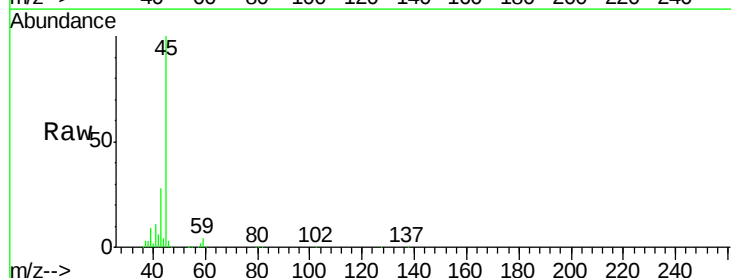
Instrument :
MSVOA_L
ClientSampleId :
SINKDL2

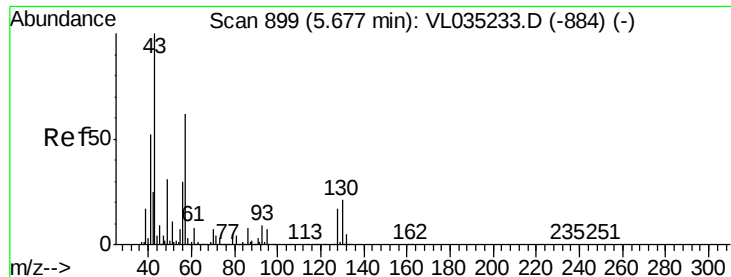
Tot Ion: 43 Resp: 1125992
Ion Ratio Lower Upper
43 100
58 26.4 21.8 32.6



#19
Isopropyl Alcohol
Concen: 9.742 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.00 min
Lab File: VL035273.D
Acq: 30 Jul 2020 9:29

Tgt Ion: 45 Resp: 925548
Ion Ratio Lower Upper
45 100
58 3.1 1.9 2.9#





#26

Hexane

Concen: 0.849 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.00 min

Lab File: VL035273.D

Acq: 30 Jul 2020 9:29

Instrument :

MSVOA_L

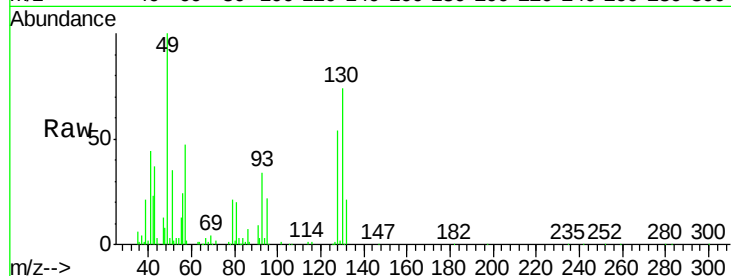
ClientSampleId :

SINKDL2

Tot Ion: 57 Resp: 86192

Ion Ratio Lower Upper

57	100		
41	103.1	73.9	110.9
43	74.2	177.6	266.4#
56	60.1	43.0	64.4

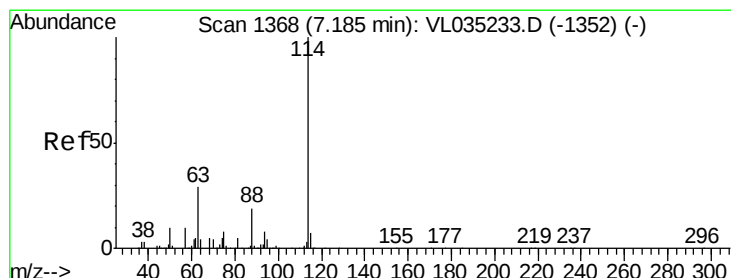
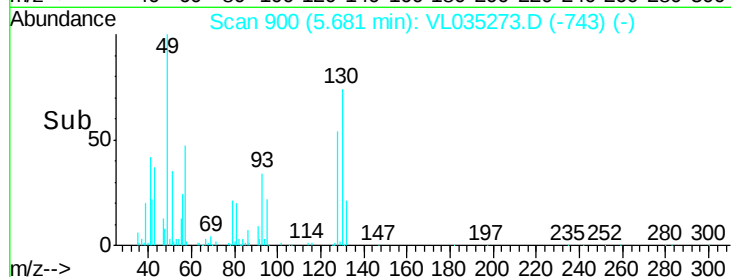
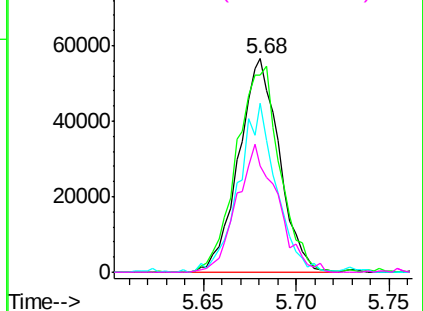


Abundance Ion 57.10 (56.80 to 57.80): VL0

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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.00 min

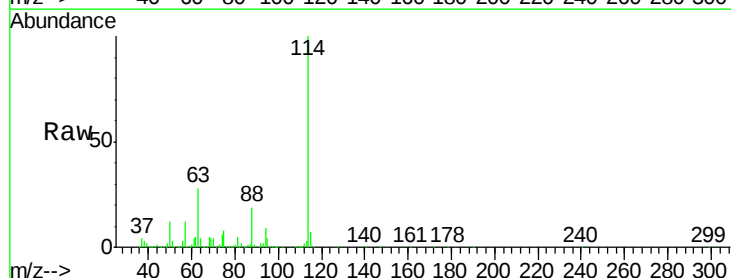
Lab File: VL035273.D

Acq: 30 Jul 2020 9:29

Tgt Ion: 114 Resp: 2671095

Ion Ratio Lower Upper

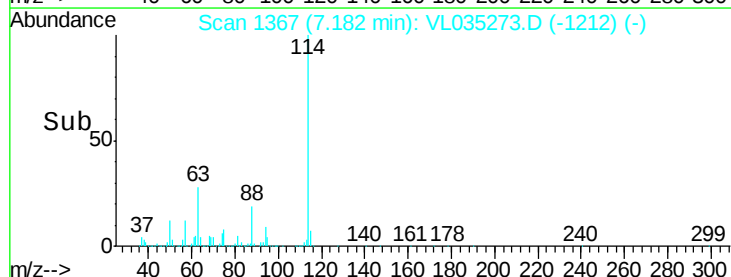
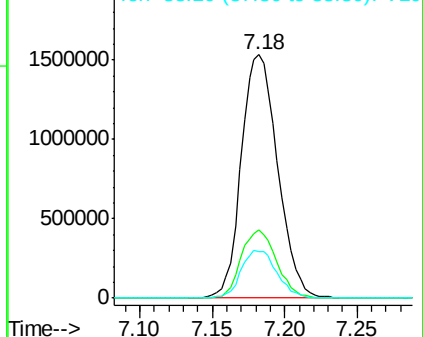
114	100		
63	27.4	22.2	33.2
88	19.2	15.4	23.0

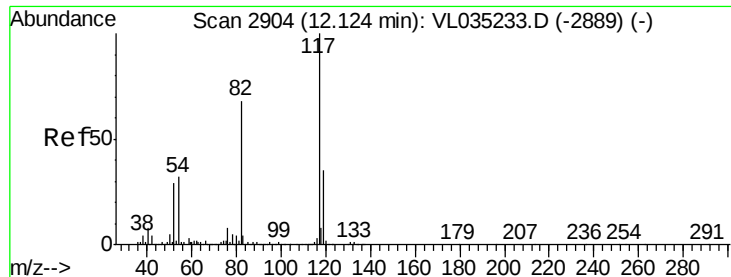


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

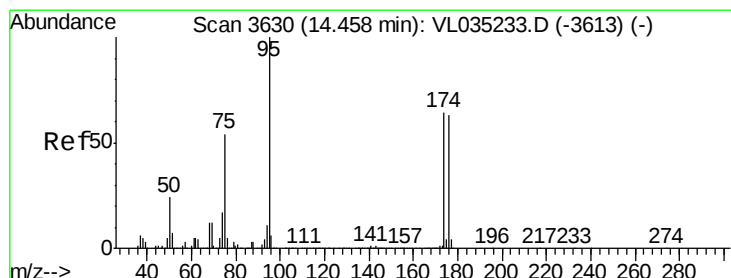
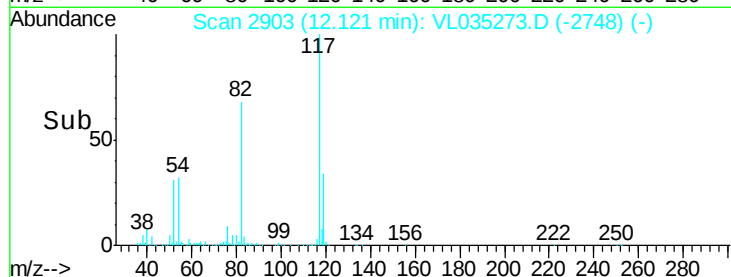
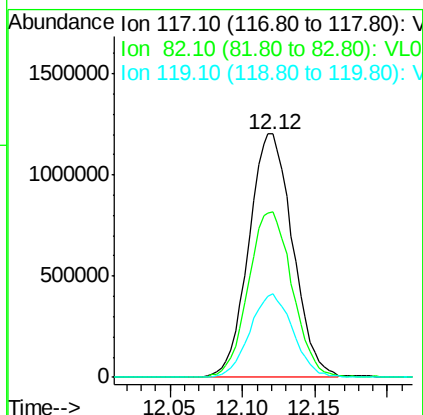
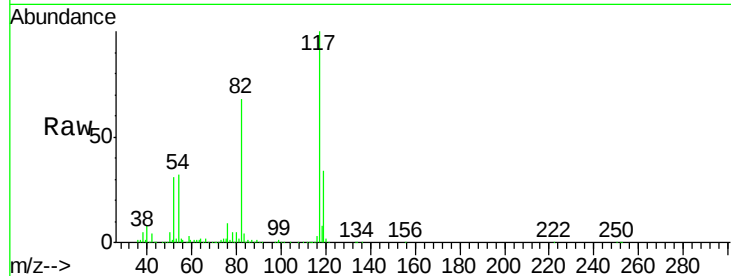




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.00 min
Lab File: VL035273.D
Acq: 30 Jul 2020 9:29

Instrument :
MSVOA_L
ClientSampleId :
SINKDL2

Tot Ion:117 Resp: 2529204
Ion Ratio Lower Upper
117 100
82 68.4 52.4 78.6
119 33.6 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.942 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.00 min
Lab File: VL035273.D
Acq: 30 Jul 2020 9:29

Tgt Ion: 95 Resp: 2009253
Ion Ratio Lower Upper
95 100
174 65.8 52.7 79.1
175 4.9 3.9 5.9

