

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035272.D
 Acq On : 30 Jul 2020 8:51
 Operator : SY/AP
 Sample : OC CAN 10320
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10320

Quant Time: Jul 30 12:31:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	1066379	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2617535	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2441755	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2016371	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

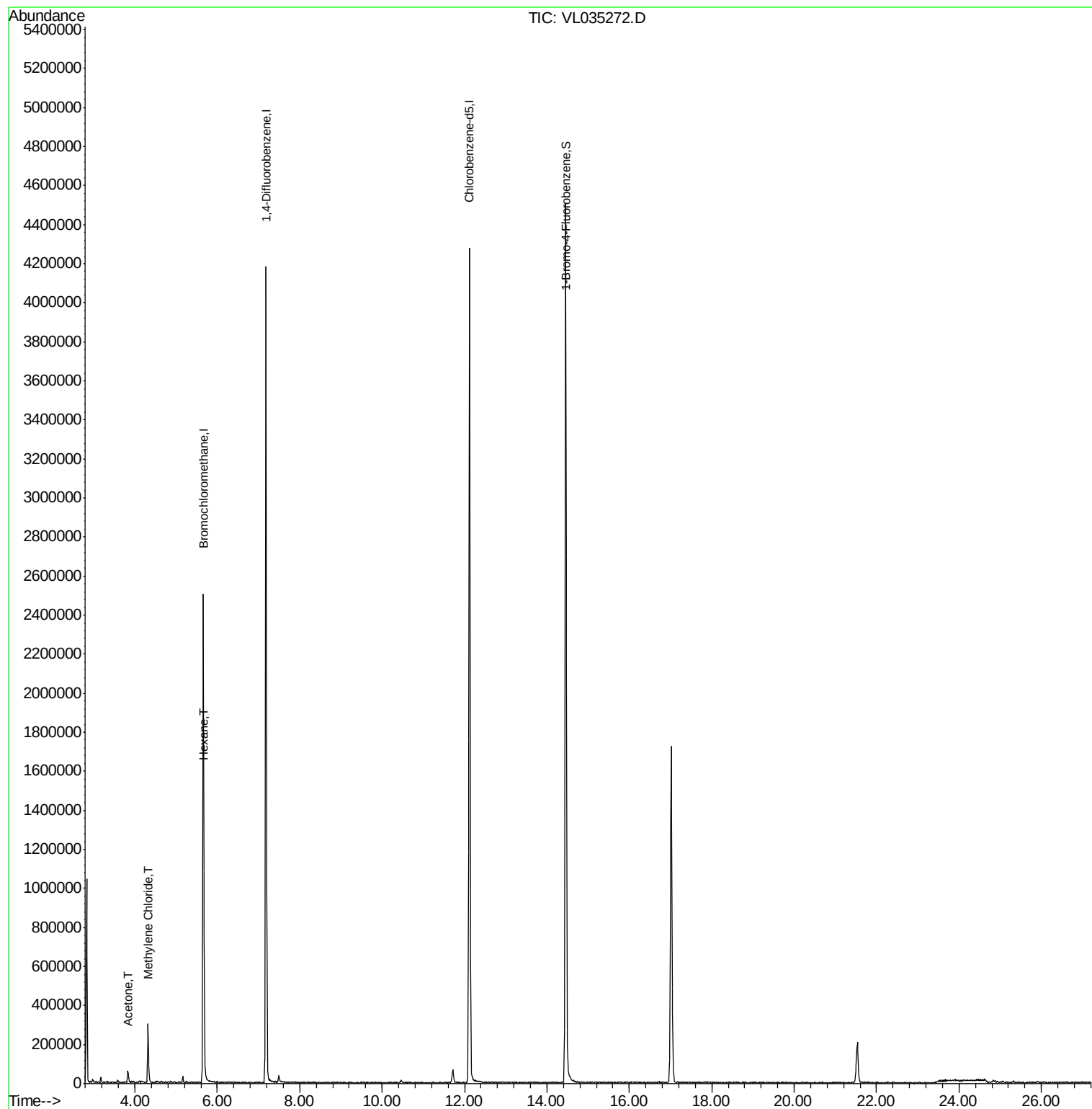
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	60115	0.423	ppbv	# 78
20) Methylene Chloride	4.32	84	101979	1.575	ppbv	96
26) Hexane	5.68	57	24407m	0.244	ppbv	

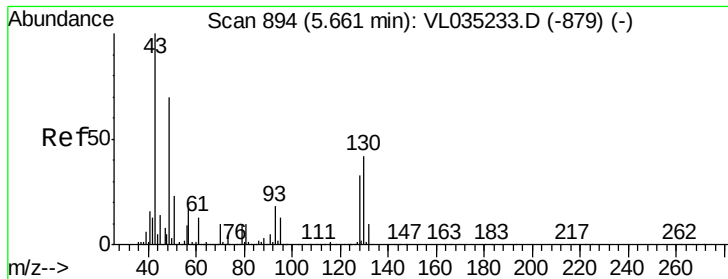
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QC CAN 10320

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration

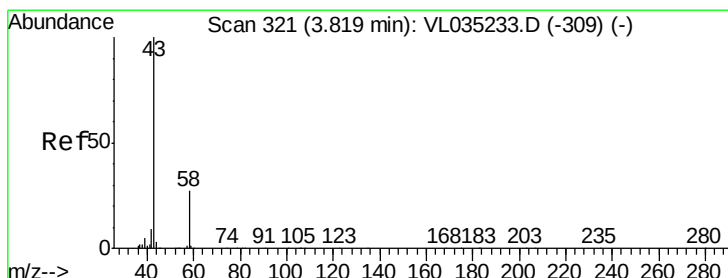
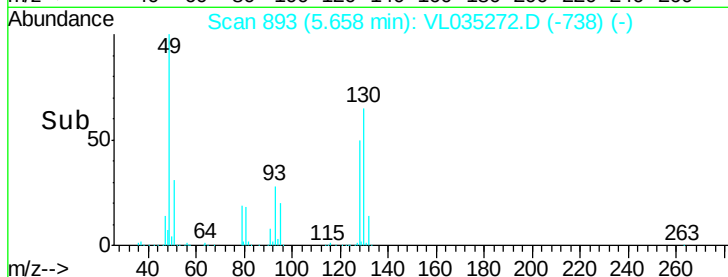
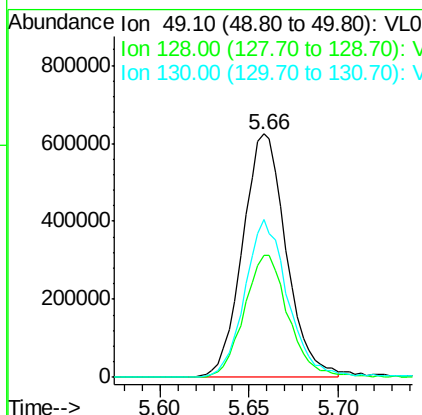
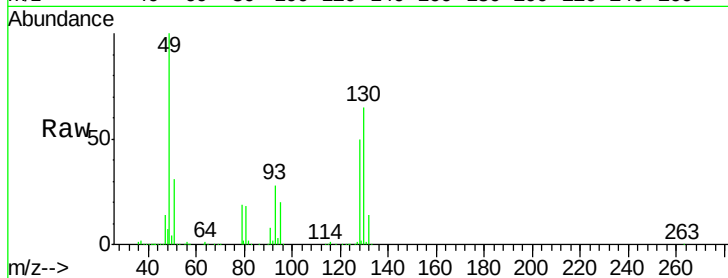




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VL035272.D
 Acq: 30 Jul 2020 8:51

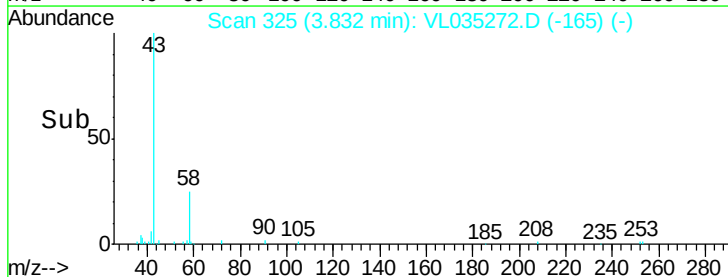
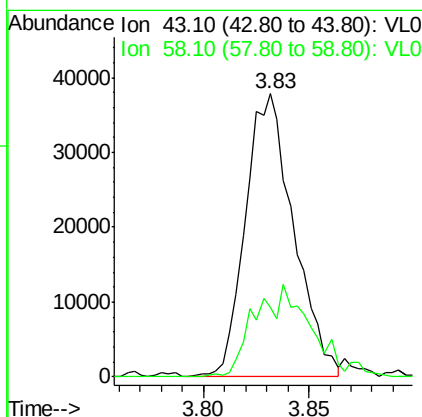
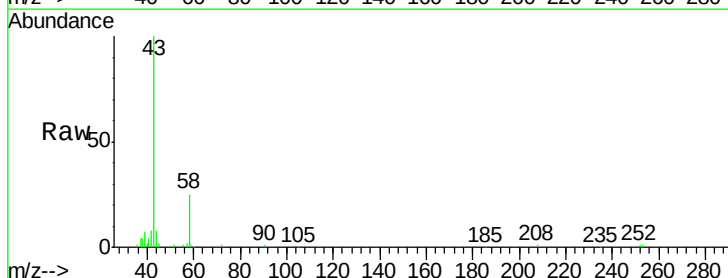
Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10320

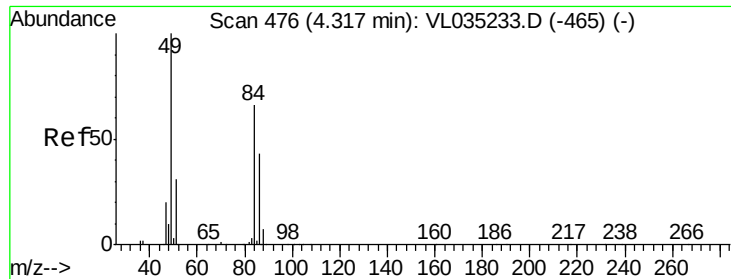
Tot Ion: 49 Resp: 1066379
 Ion Ratio Lower Upper
 49 100
 128 51.4 24.0 72.0
 130 64.4 30.7 92.1



#15
 Acetone
 Concen: 0.423 ppbv
 RT: 3.83 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: VL035272.D
 Acq: 30 Jul 2020 8:51

Tgt Ion: 43 Resp: 60115
 Ion Ratio Lower Upper
 43 100
 58 38.7 21.8 32.6#

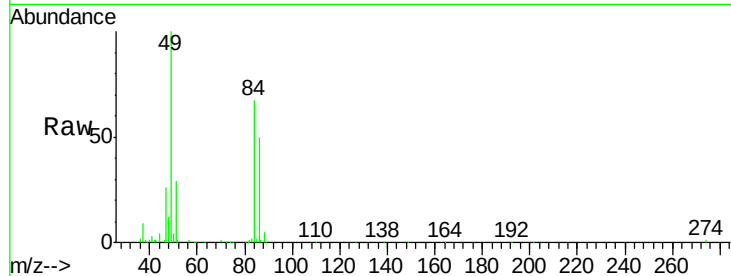




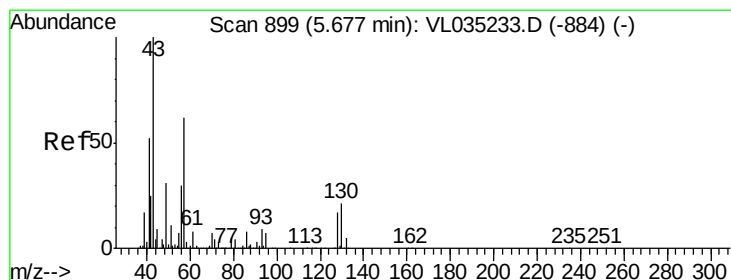
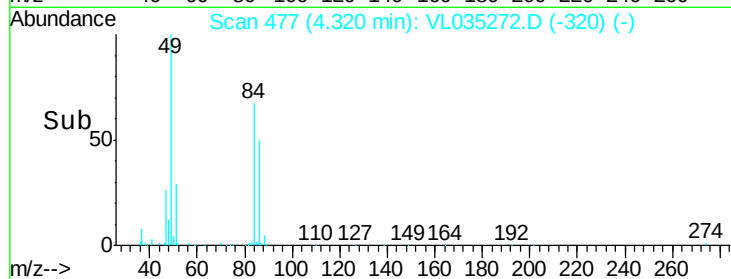
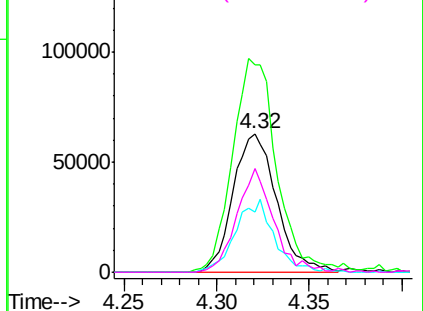
#20
Methylene Chloride
Concen: 1.575 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.00 min
Lab File: VL035272.D
Acq: 30 Jul 2020 8:51

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10320

Tot Ion:	84	Resp:	101979
Ion	Ratio	Lower	Upper
84	100		
49	149.5	121.0	181.4
51	44.4	37.7	56.5
86	74.6	52.2	78.4

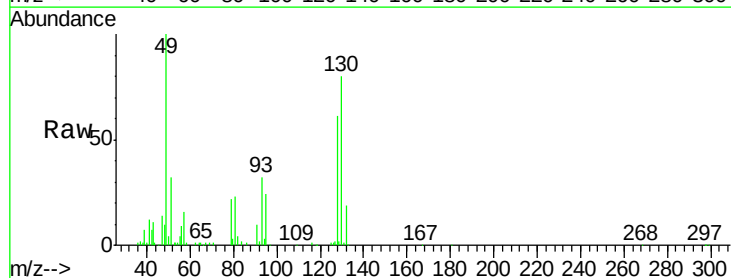


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

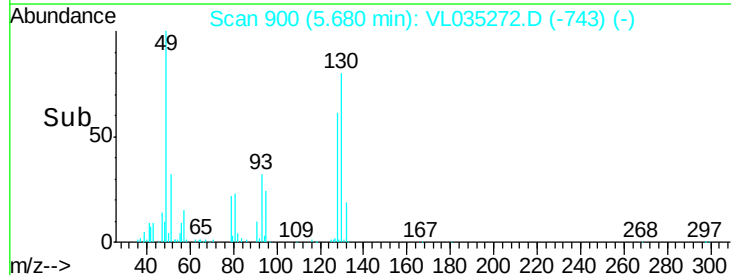
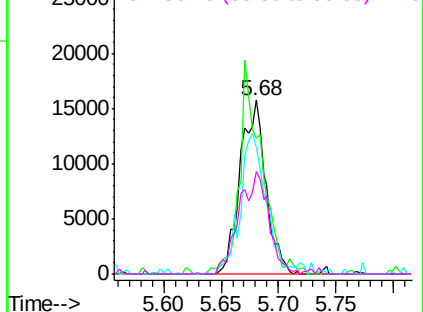


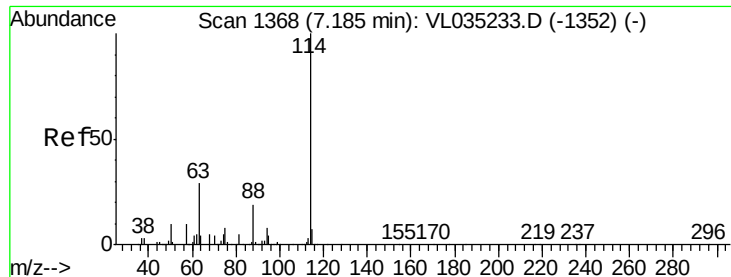
#26
Hexane
Concen: 0.244 ppbv m
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL035272.D
Acq: 30 Jul 2020 8:51

Tgt Ion:	57	Resp:	24407
Ion	Ratio	Lower	Upper
57	100		
41	105.7	73.9	110.9
43	0.0	177.6	266.4#
56	0.0	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

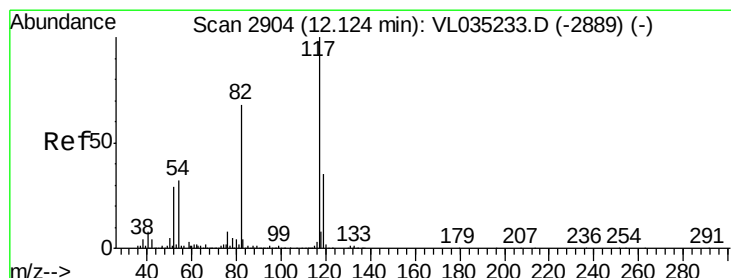
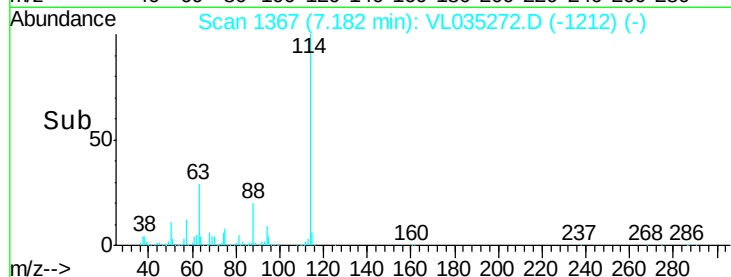
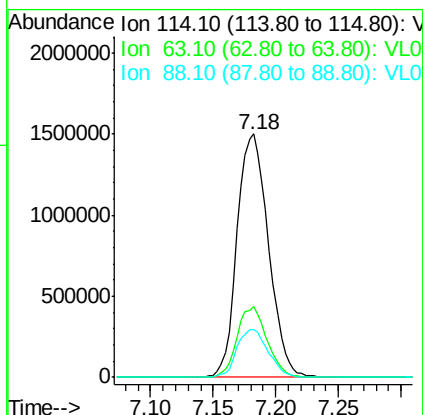
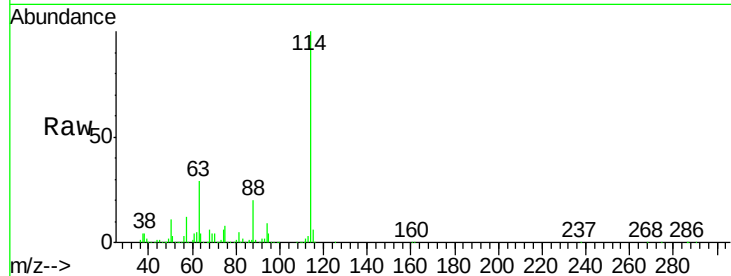




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VL035272.D
 Acq: 30 Jul 2020 8:51

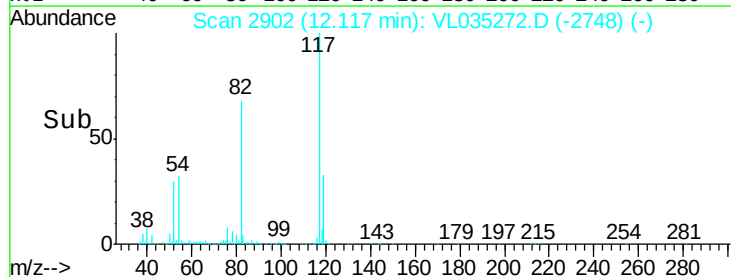
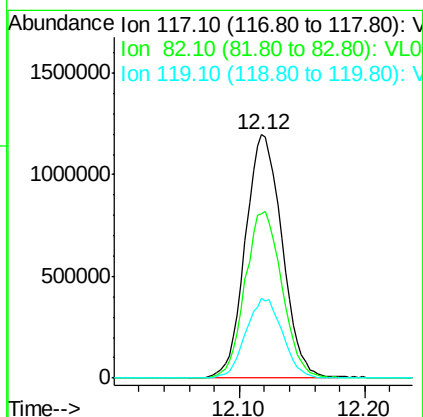
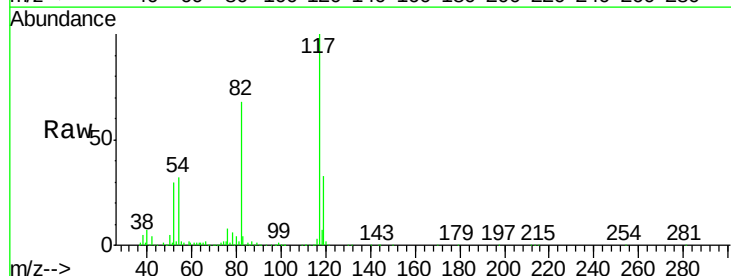
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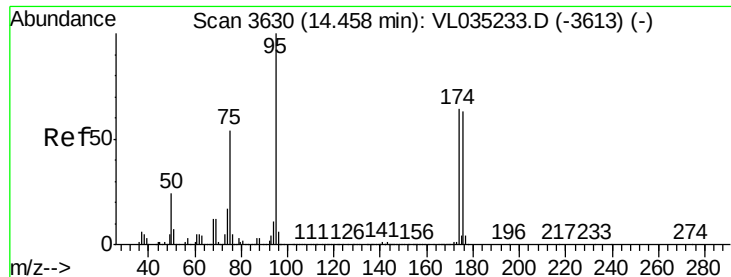
Tot Ion:114 Resp: 2617535
 Ion Ratio Lower Upper
 114 100
 63 27.9 22.2 33.2
 88 19.6 15.4 23.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: VL035272.D
 Acq: 30 Jul 2020 8:51

Tgt Ion:117 Resp: 2441755
 Ion Ratio Lower Upper
 117 100
 82 69.2 52.4 78.6
 119 32.8 24.6 36.8





#68

1-Bromo-4-Fluorobenzene

Concen: 10.334 ppbv

RT: 14.46 min Scan# 3629

Delta R.T. -0.00 min

Lab File: VL035272.D

Acq: 30 Jul 2020 8:51

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10320

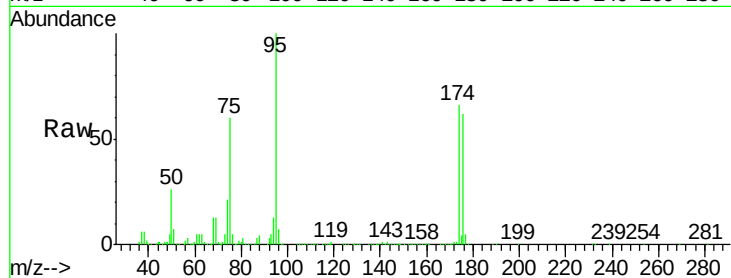
Tot Ion: 95 Resp: 2016371

Ion Ratio Lower Upper

95 100

174 65.0 52.7 79.1

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

