

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
 Data File : VL035519.D
 Acq On : 27 Aug 2020 13:56
 Operator : SY/AP
 Sample : OC081820 CAN 10328
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081820 CAN 10328

Quant Time: Aug 28 01:27:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	977831	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4117045	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	4164338	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3030567	10.25	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

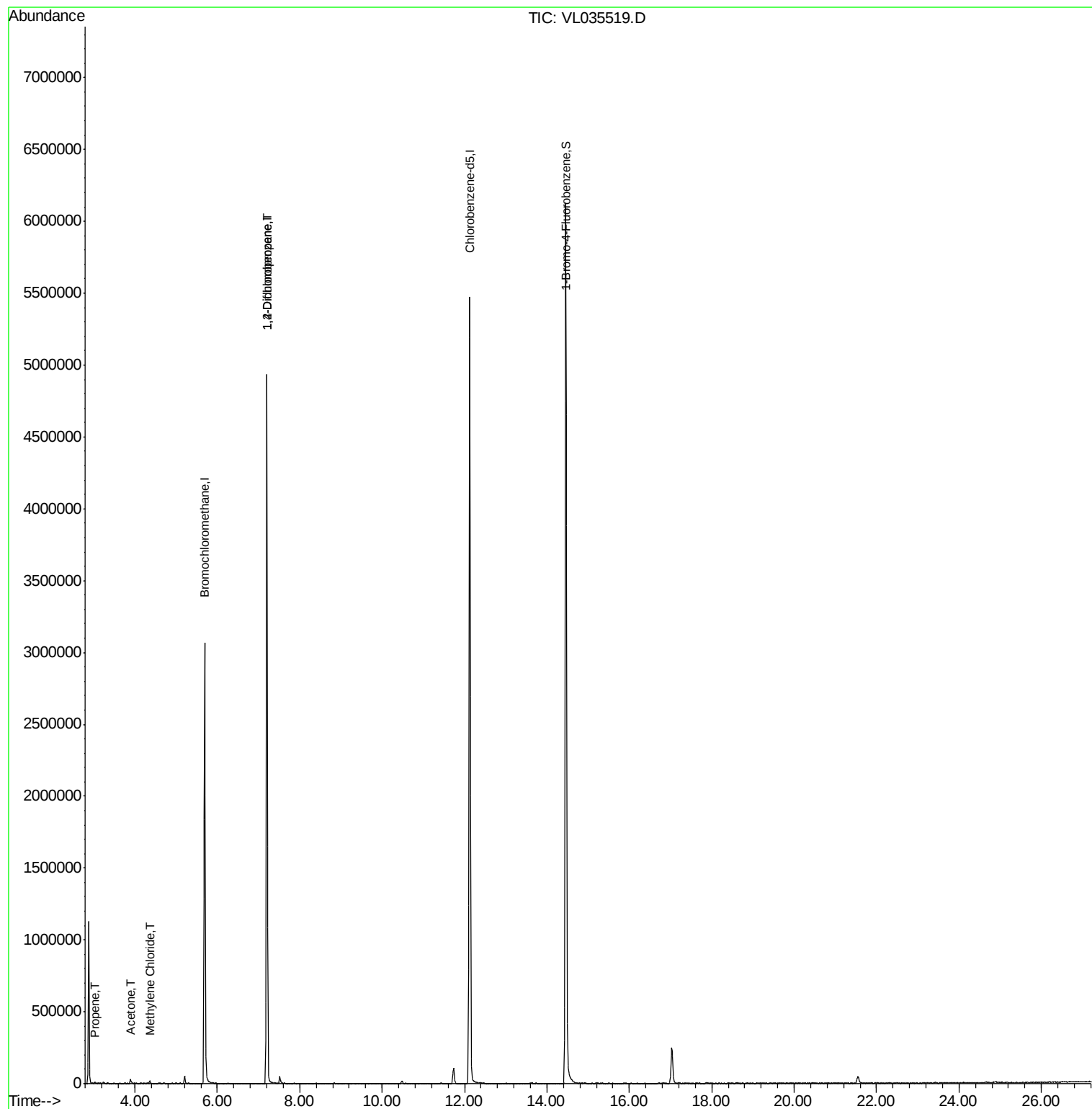
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	2239	0.054	ppbv	96
15) Acetone	3.89	43	17612	0.163	ppbv #	13
20) Methylene Chloride	4.36	84	7989	0.099	ppbv #	85
39) 1,2-Dichloropropane	7.20	63	750707	8.339	ppbv #	32

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL035519.D

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MSVOA_L

ClientSampleId :

QC081820 CAN 10328

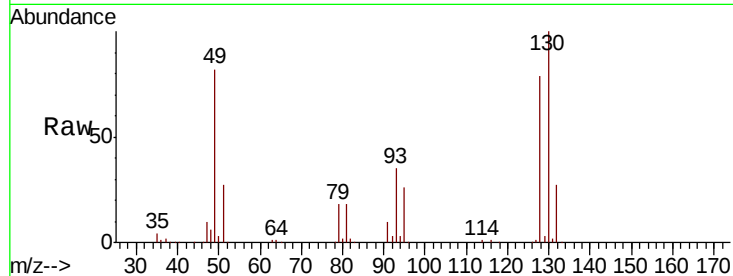
Tot Ion: 49 Resp: 977831

Ion Ratio Lower Upper

49 100

128 97.3 50.0 150.1

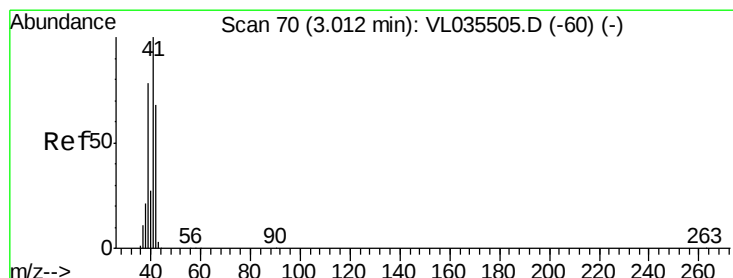
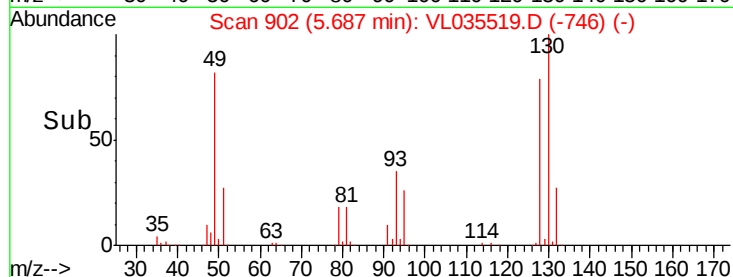
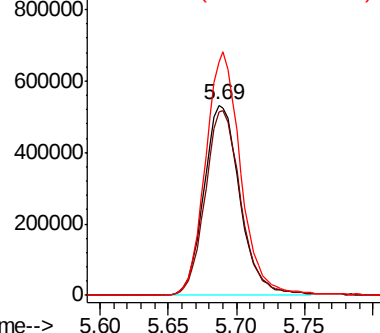
130 126.1 64.4 193.2



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



#9

Propene

Concen: 0.054 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL035519.D

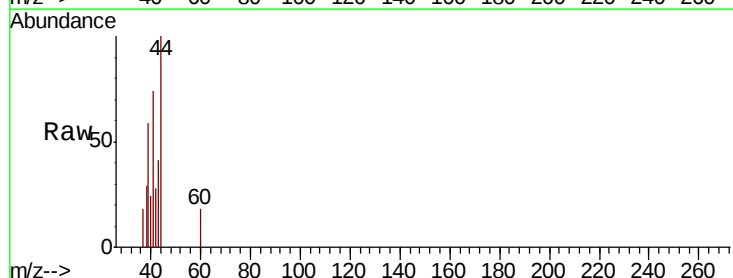
Acq: 27 Aug 2020 13:56

Tgt Ion: 41 Resp: 2239

Ion Ratio Lower Upper

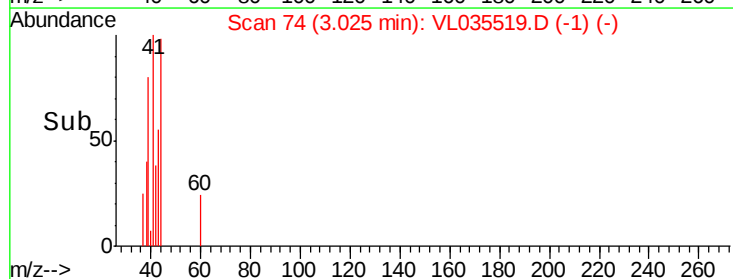
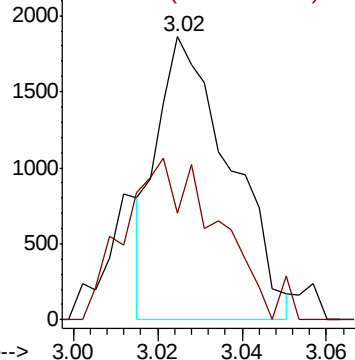
41 100

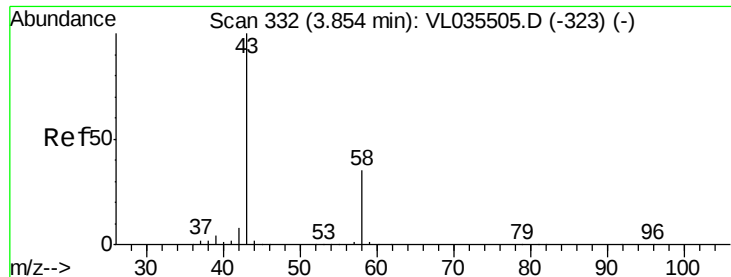
42 73.7 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.163 ppbv

RT: 3.89 min Scan# 344

Delta R.T. 0.04 min

Lab File: VL035519.D

Acq: 27 Aug 2020 13:56

Instrument :

MSVOA_L

ClientSampleId :

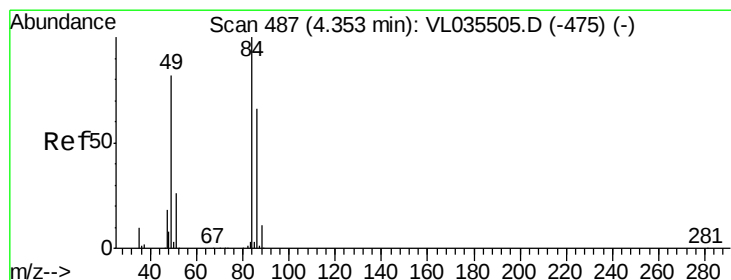
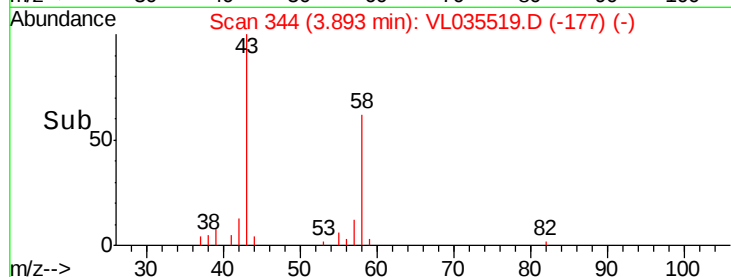
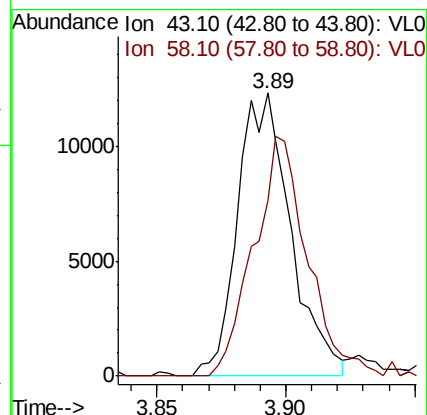
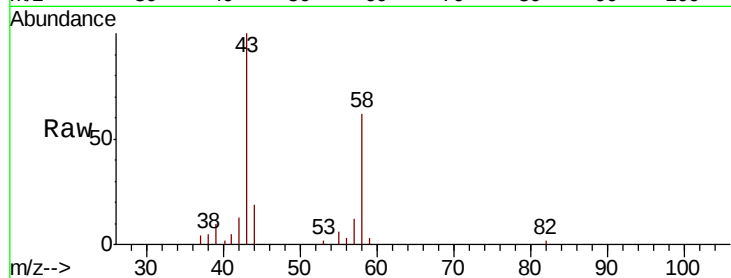
QC081820 CAN 10328

Tot Ion: 43 Resp: 17612

Ion Ratio Lower Upper

43 100

58 86.4 28.4 42.6#



#20

Methylene Chloride

Concen: 0.099 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.01 min

Lab File: VL035519.D

Acq: 27 Aug 2020 13:56

Tgt Ion: 84 Resp: 7989

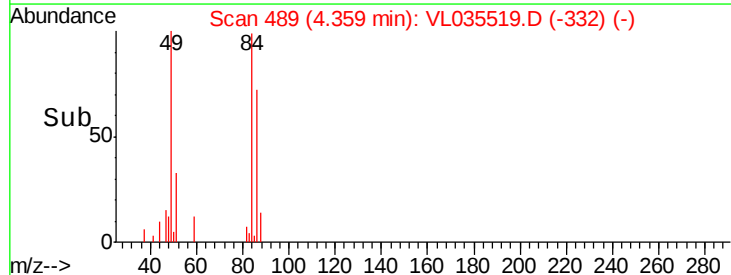
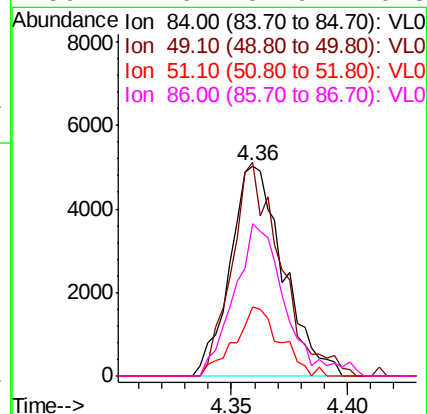
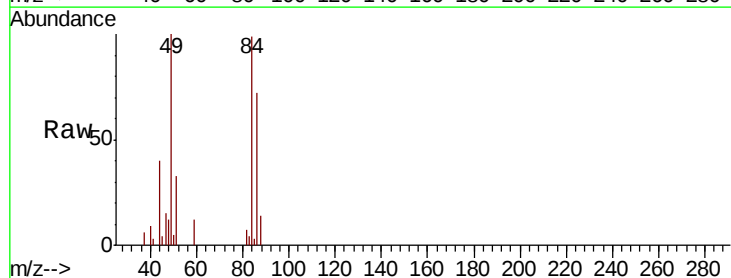
Ion Ratio Lower Upper

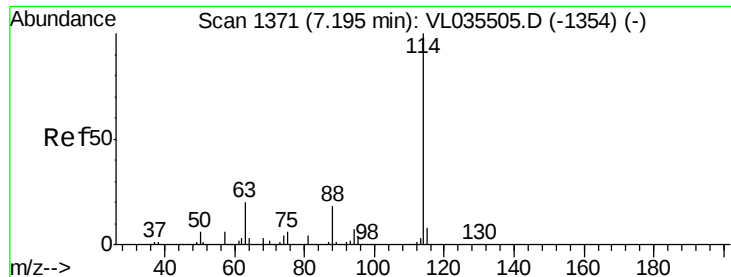
84 100

49 101.5 65.4 98.0#

51 33.1 21.5 32.3#

86 72.6 52.9 79.3

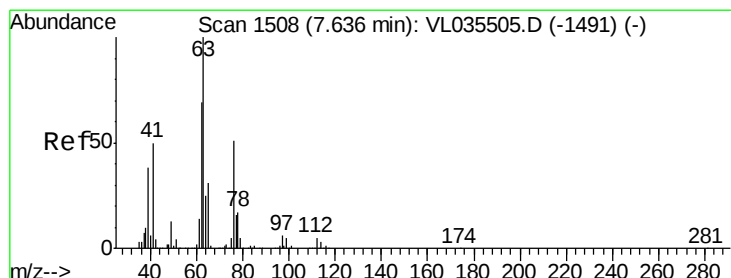
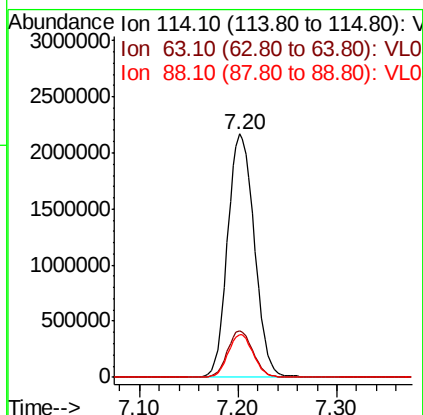
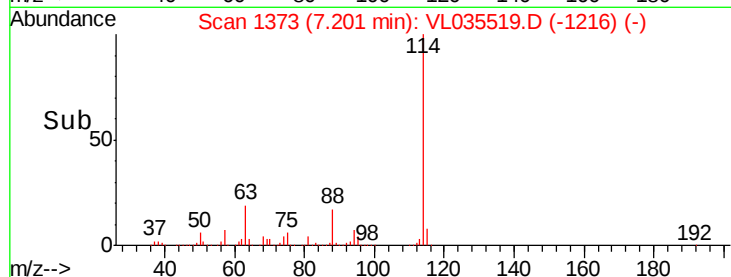
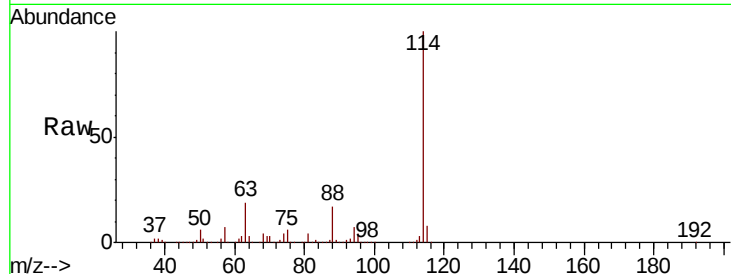




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: VL035519.D
 Acq: 27 Aug 2020 13:56

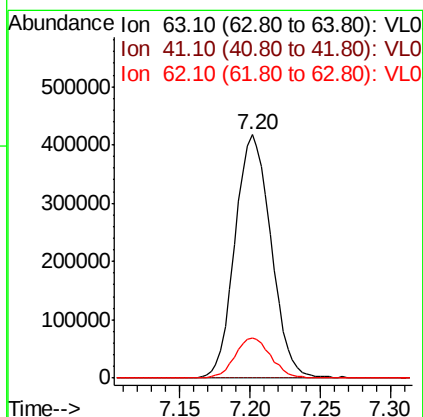
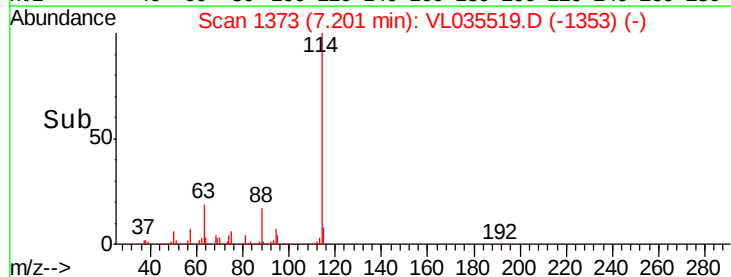
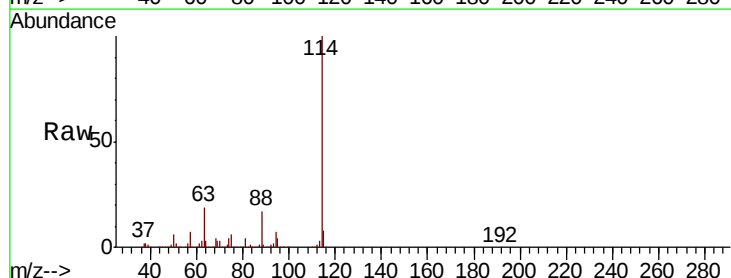
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 QC081820 CAN 10328

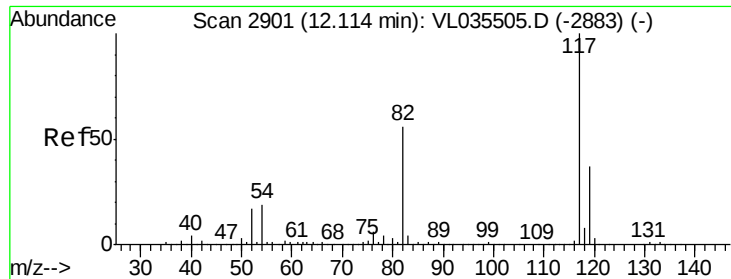
Tot Ion:114 Resp: 4117045
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.7 22.1
 88 16.6 13.4 20.2



#39
 1,2-Dichloropropane
 Concen: 8.339 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. -0.43 min
 Lab File: VL035519.D
 Acq: 27 Aug 2020 13:56

Tgt Ion: 63 Resp: 750707
 Ion Ratio Lower Upper
 63 100
 41 0.0 40.0 60.0#
 62 16.6 55.4 83.0#

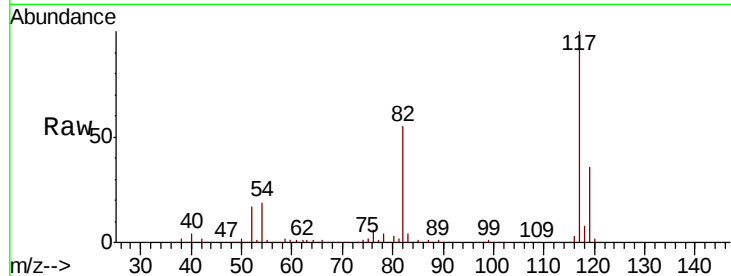




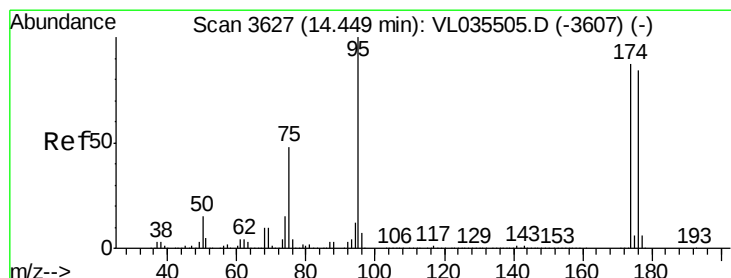
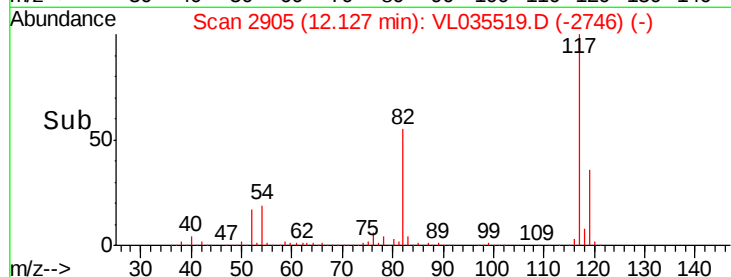
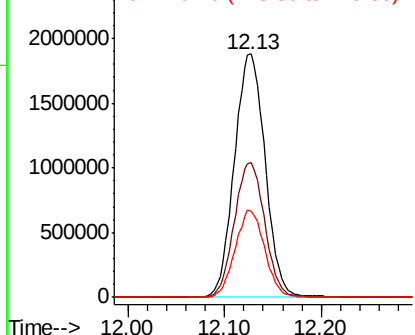
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL035519.D
Acq: 27 Aug 2020 13:56

Instrument :
MSVOA_L
ClientSampleId :
QC081820 CAN 10328

Tot Ion:117 Resp: 4164338
Ion Ratio Lower Upper
117 100
82 54.8 41.6 62.4
119 34.5 29.3 43.9

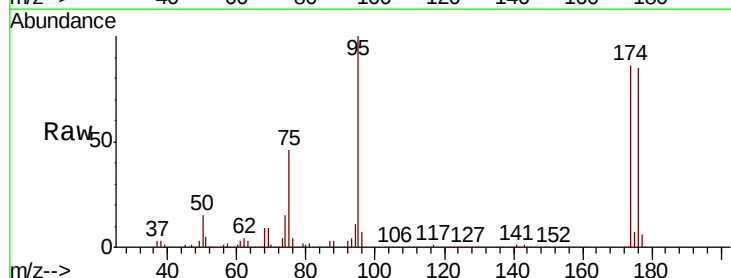


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.248 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.01 min
Lab File: VL035519.D
Acq: 27 Aug 2020 13:56

Tgt Ion: 95 Resp: 3030567
Ion Ratio Lower Upper
95 100
174 88.0 69.6 104.4
175 6.3 5.1 7.7



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

