

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035288.D
 Acq On : 30 Jul 2020 20:42
 Operator : SY/AP
 Sample : OC CAN 10280
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10280

Quant Time: Jul 31 05:07:40 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	1042583	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2582522	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2345444	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1947542	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

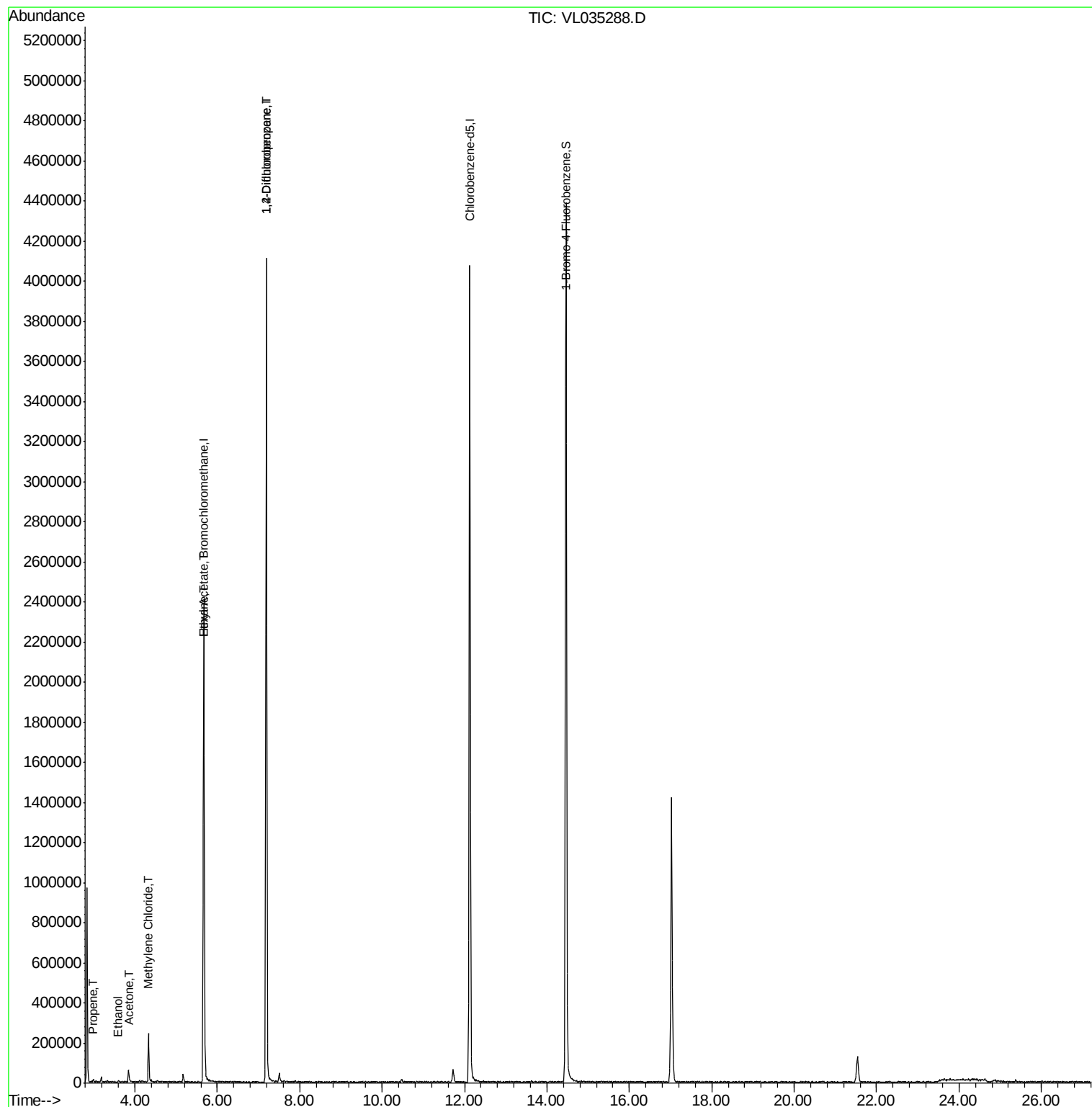
Target Compounds					Ovalue
9) Propene	2.99	41	1513	0.038	ppbv 97
13) Ethanol	3.58	45	535	0.033	ppbv # 36
15) Acetone	3.84	43	53492	0.385	ppbv # 74
20) Methylene Chloride	4.33	84	88667	1.401	ppbv # 82
25) Ethyl Acetate	5.68	43	9754	0.045	ppbv # 88
26) Hexane	5.68	57	11945	0.122	ppbv # 30
39) 1,2-Dichloropropane	7.19	63	710438	9.921	ppbv # 23

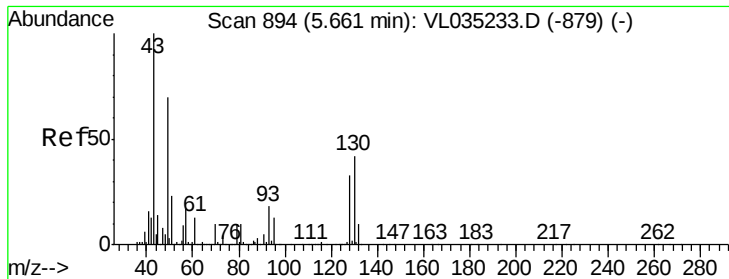
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL073020\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL035288.D

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Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10280

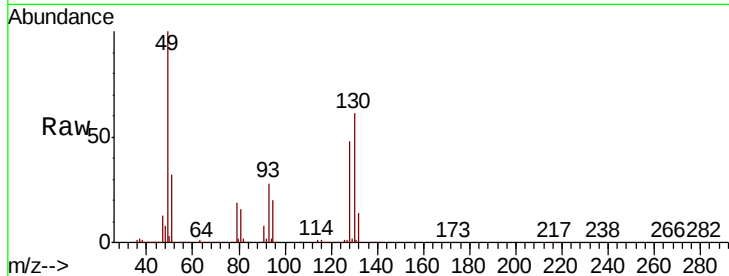
Tot Ion: 49 Resp: 1042583

Ion Ratio Lower Upper

49 100

128 51.0 24.0 72.0

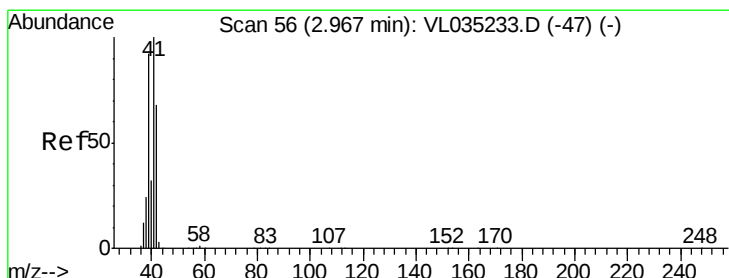
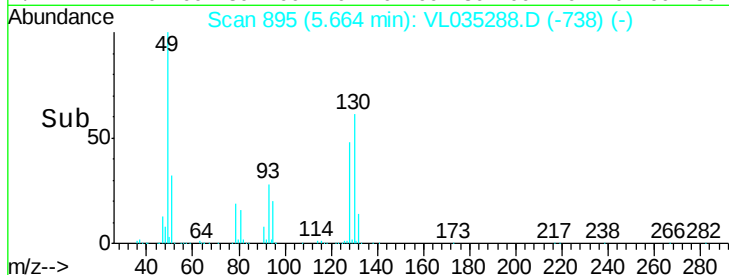
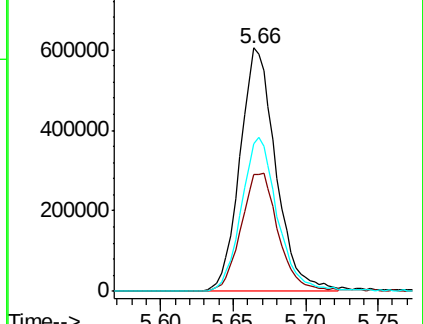
130 64.6 30.7 92.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.038 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.02 min

Lab File: VL035288.D

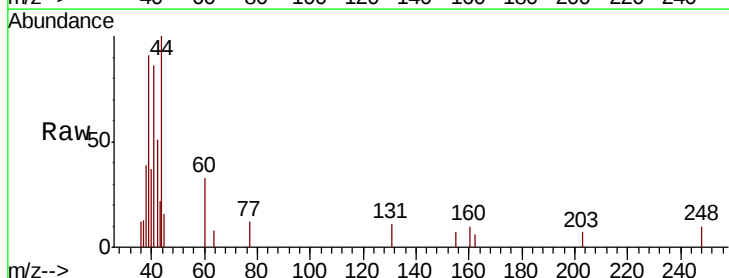
Acq: 30 Jul 2020 20:42

Tgt Ion: 41 Resp: 1513

Ion Ratio Lower Upper

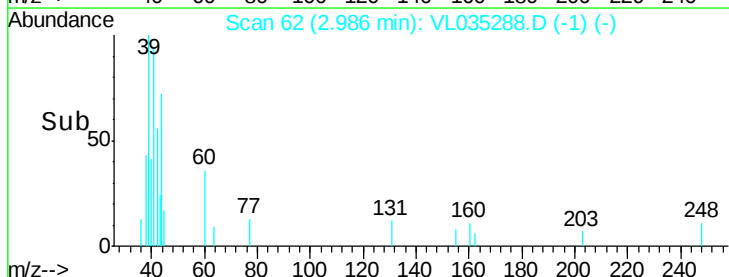
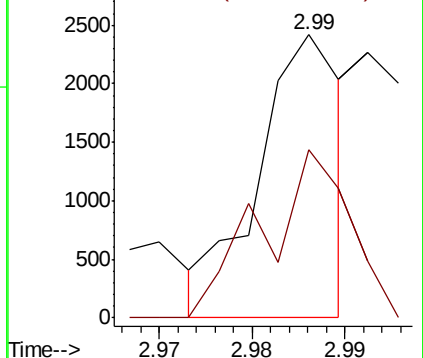
41 100

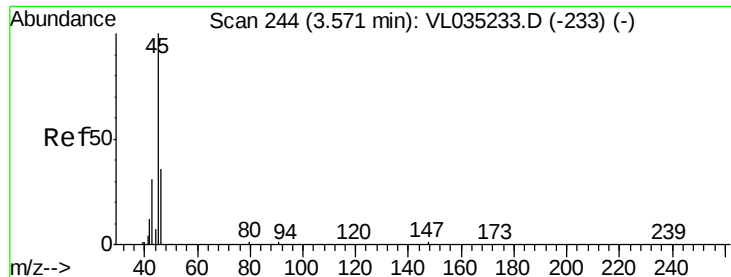
42 71.1 55.0 82.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

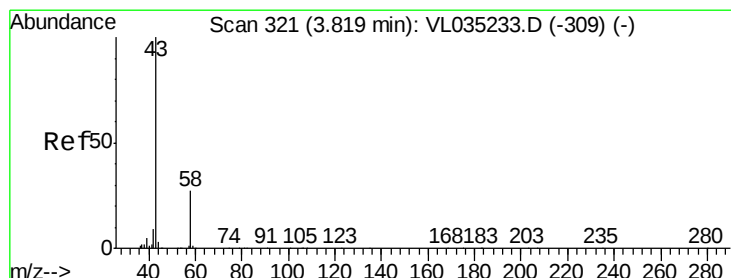
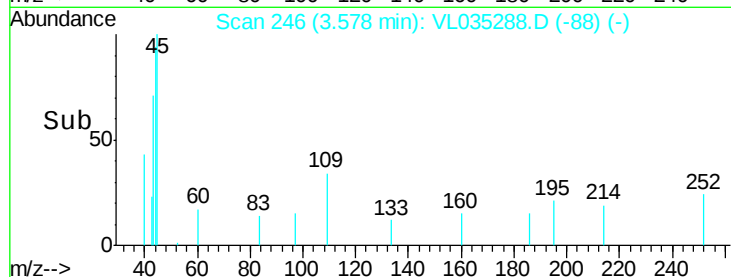
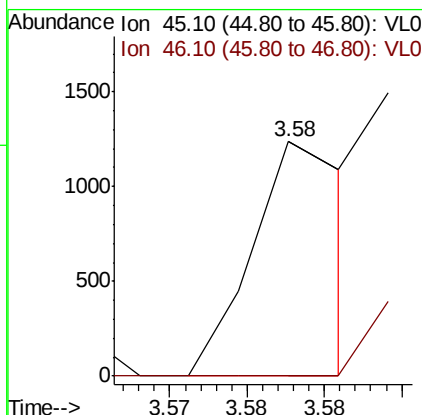
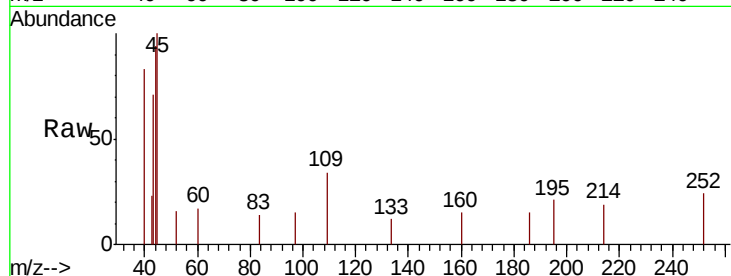




#13
Ethanol
Concen: 0.033 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.01 min
Lab File: VL035288.D
Acq: 30 Jul 2020 20:42

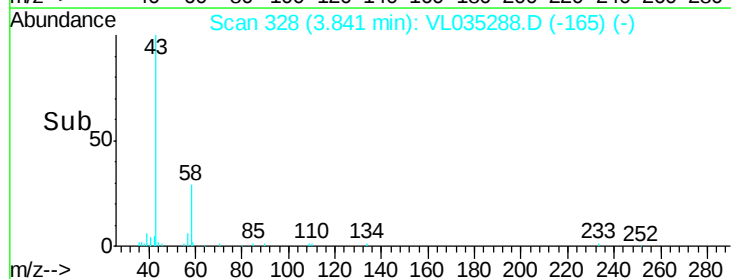
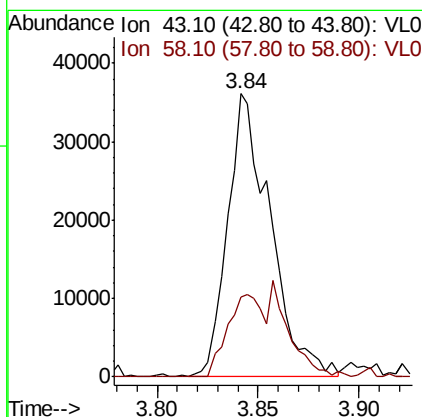
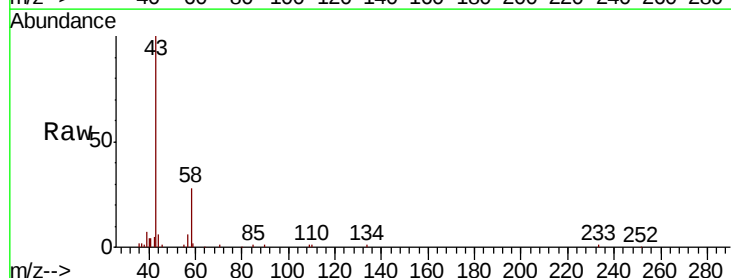
Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10280

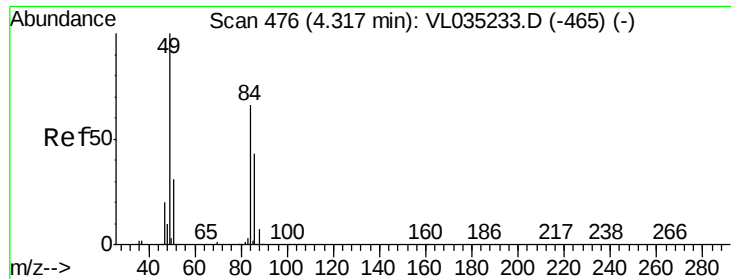
Tot Ion: 45 Resp: 535
Ion Ratio Lower Upper
45 100
46 0.0 15.8 63.4#



#15
Acetone
Concen: 0.385 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.02 min
Lab File: VL035288.D
Acq: 30 Jul 2020 20:42

Tgt Ion: 43 Resp: 53492
Ion Ratio Lower Upper
43 100
58 40.8 21.8 32.6#

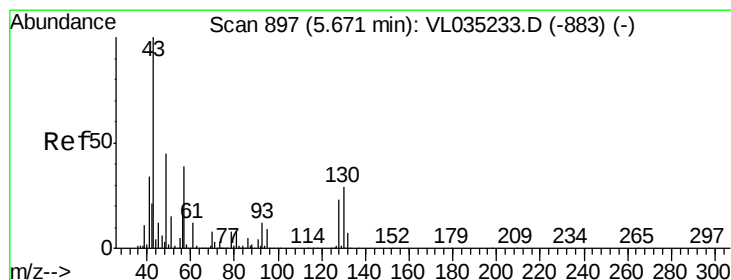
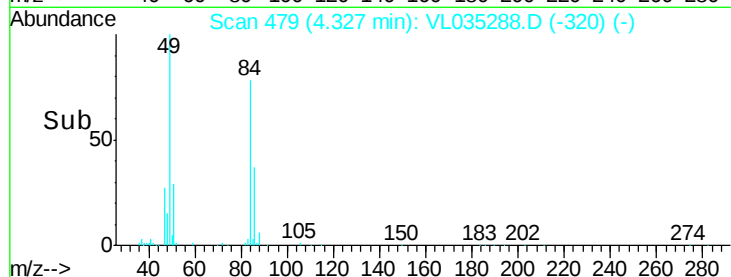
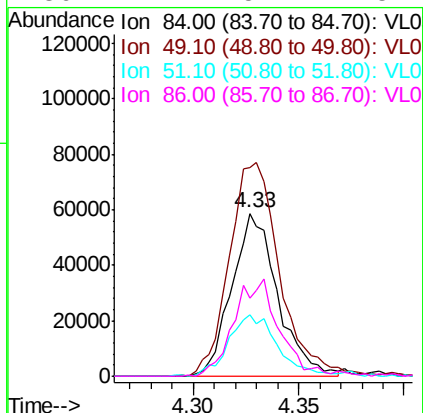
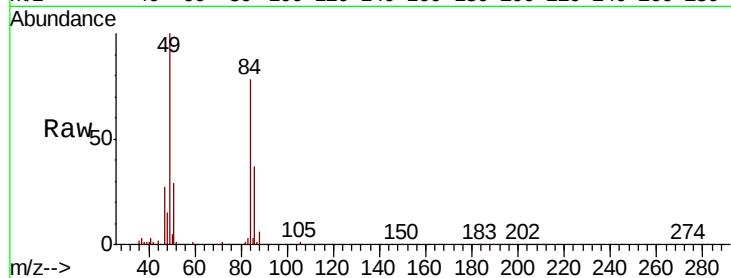




#20
Methylene Chloride
Concen: 1.401 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.01 min
Lab File: VL035288.D
Acq: 30 Jul 2020 20:42

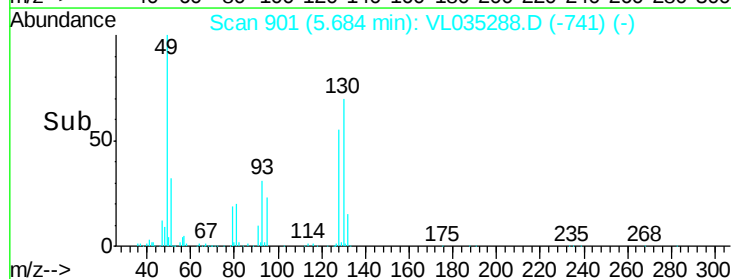
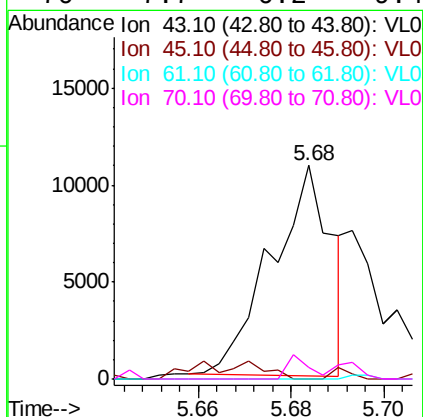
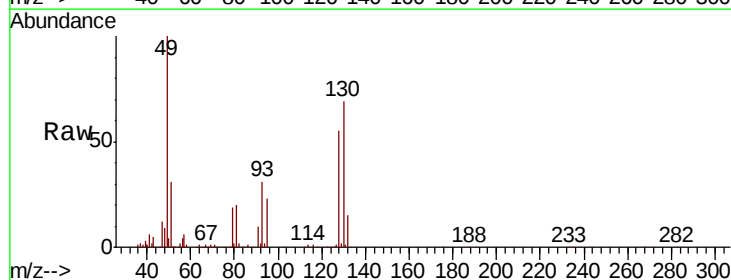
Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10280

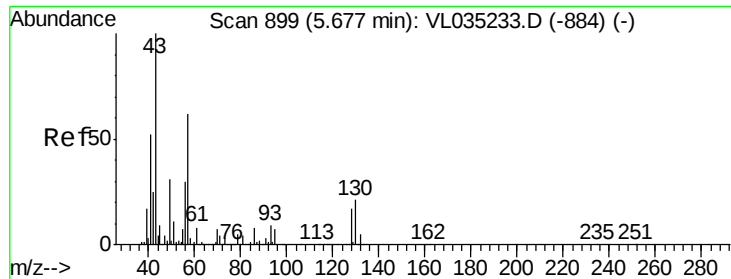
Tot Ion: 84 Resp: 88667
Ion Ratio Lower Upper
84 100
49 128.2 121.0 181.4
51 37.8 37.7 56.5
86 47.2 52.2 78.4#



#25
Ethyl Acetate
Concen: 0.045 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035288.D
Acq: 30 Jul 2020 20:42

Tgt Ion: 43 Resp: 9754
Ion Ratio Lower Upper
43 100
45 12.7 8.5 12.7#
61 0.0 8.1 12.1#
70 7.7 6.2 9.4

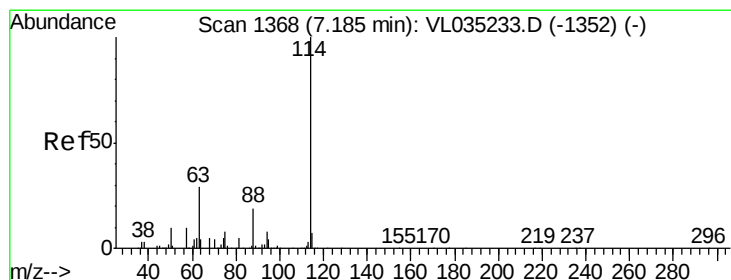
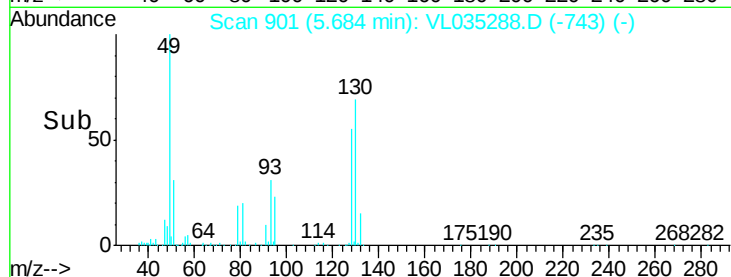
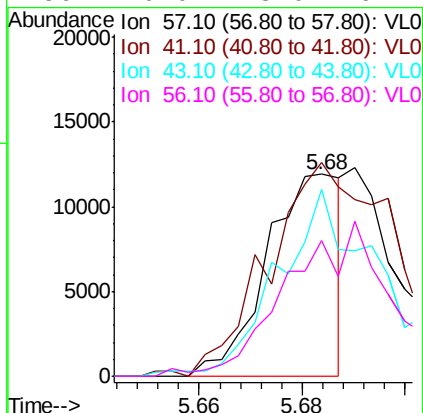
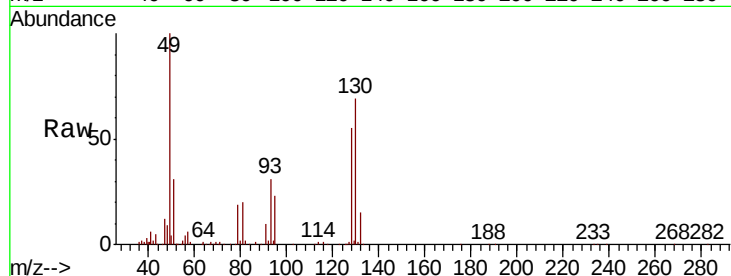




#26
Hexane
Concen: 0.122 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035288.D
Acq: 30 Jul 2020 20:42

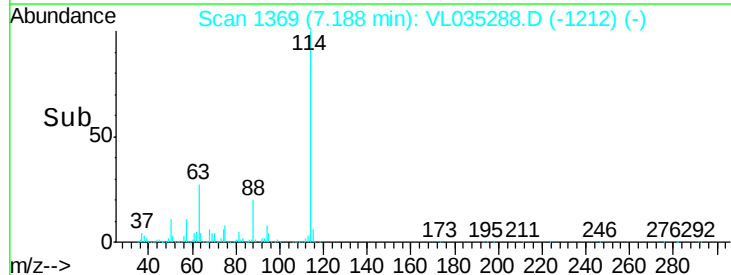
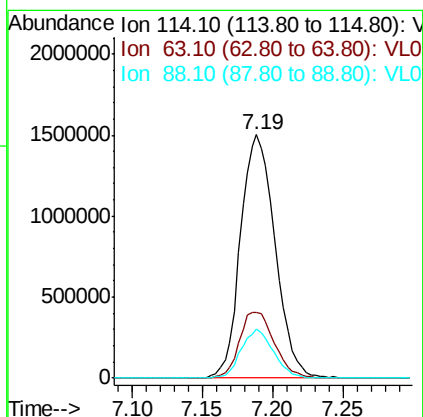
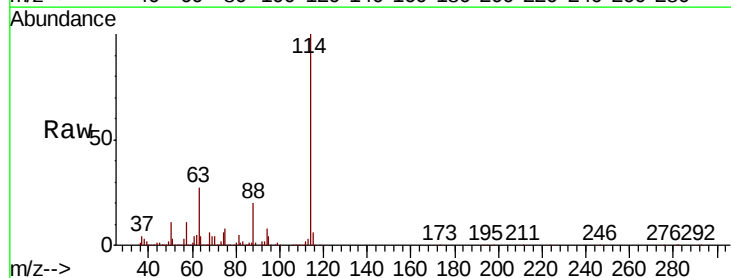
Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10280

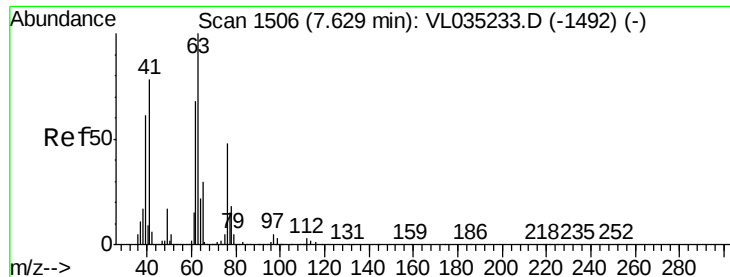
Tot Ion: 57 Resp: 11945
Ion Ratio Lower Upper
57 100
41 185.0 73.9 110.9#
43 127.6 177.6 266.4#
56 0.0 43.0 64.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL035288.D
Acq: 30 Jul 2020 20:42

Tgt Ion: 114 Resp: 2582522
Ion Ratio Lower Upper
114 100
63 27.7 22.2 33.2
88 19.0 15.4 23.0





#39

1,2-Dichloropropane

Concen: 9.921 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. -0.44 min

Lab File: VL035288.D

Acq: 30 Jul 2020 20:42

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10280

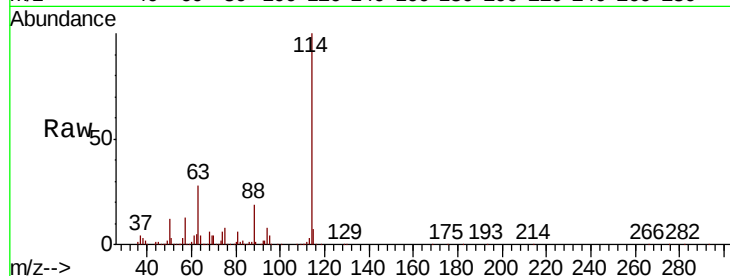
Tot Ion: 63 Resp: 710438

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

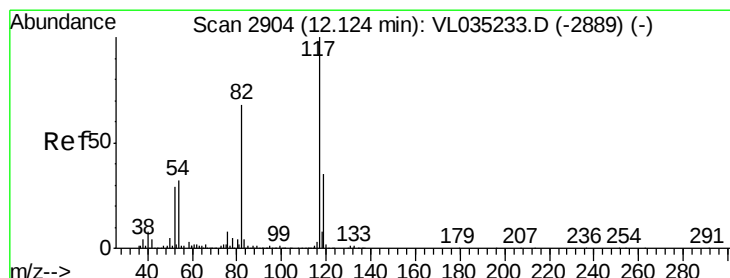
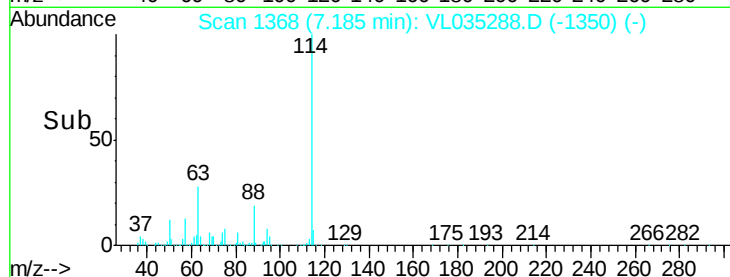
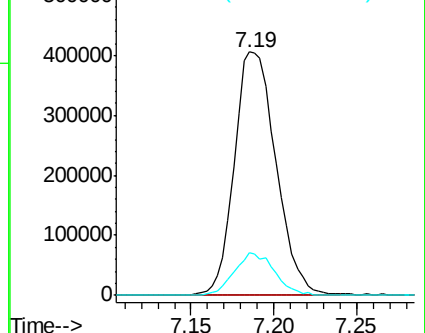
62 17.4 54.2 81.2#



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: 12.12 min Scan# 2904

Delta R.T. 0.00 min

Lab File: VL035288.D

Acq: 30 Jul 2020 20:42

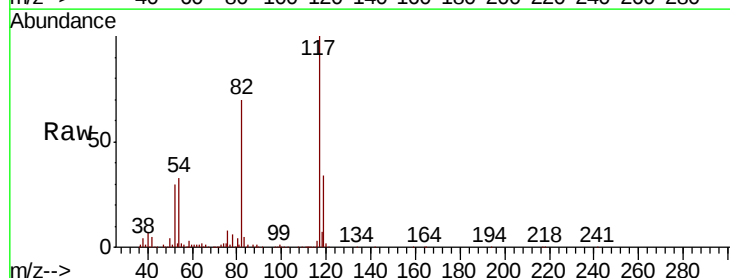
Tgt Ion: 117 Resp: 2345444

Ion Ratio Lower Upper

117 100

82 68.9 52.4 78.6

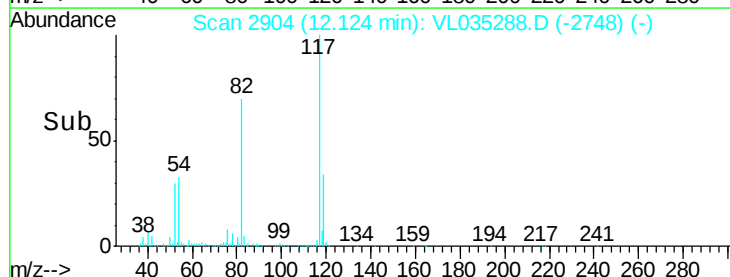
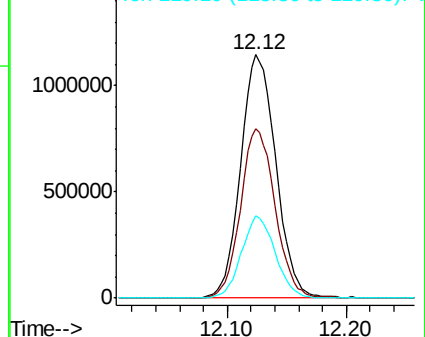
119 32.6 24.6 36.8

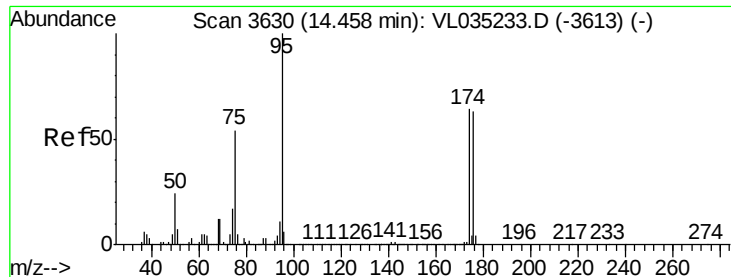


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.392 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VL035288.D

Acq: 30 Jul 2020 20:42

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10280

Tot Ion: 95 Resp: 1947542

Ion Ratio Lower Upper

95 100

174 64.8 52.7 79.1

175 4.6 3.9 5.9

