

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073120\
 Data File : VL035295.D
 Acq On : 31 Jul 2020 1:43
 Operator : SY/AP
 Sample : VL0731ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABL01

Quant Time: Jul 31 06:06:52 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	1037248	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2568108	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2407531	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1929831	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

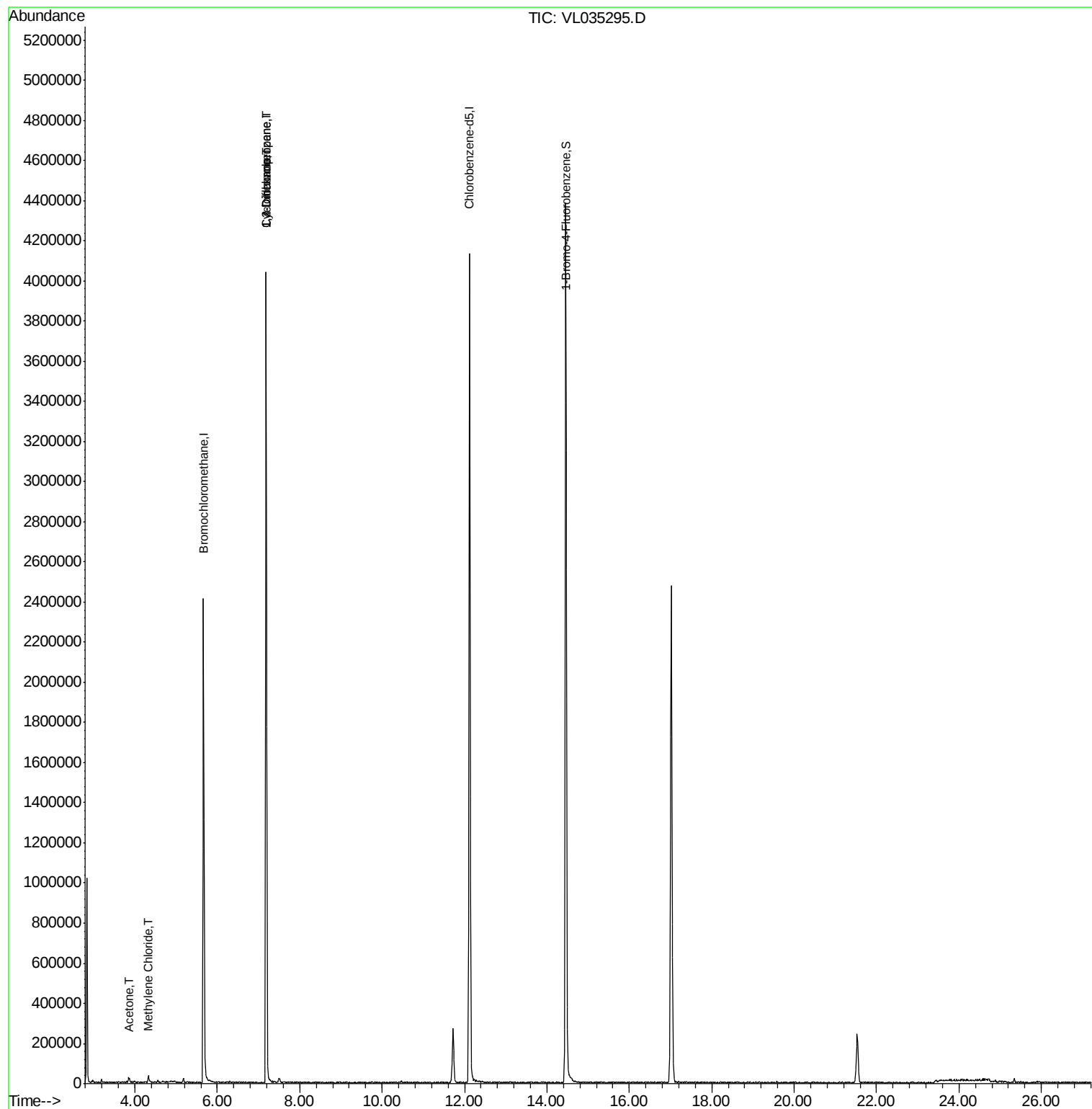
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	18413	0.133	ppbv #	48
20) Methylene Chloride	4.32	84	6365	0.101	ppbv #	81
30) Cyclohexane	7.18	84	7127	0.102	ppbv #	1
39) 1,2-Dichloropropane	7.19	63	696946	9.787	ppbv #	24

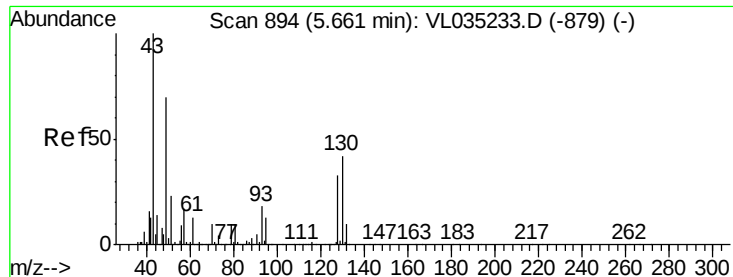
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 895

Delta R.T. 0.00 min

Lab File: VL035295.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0731ABL01

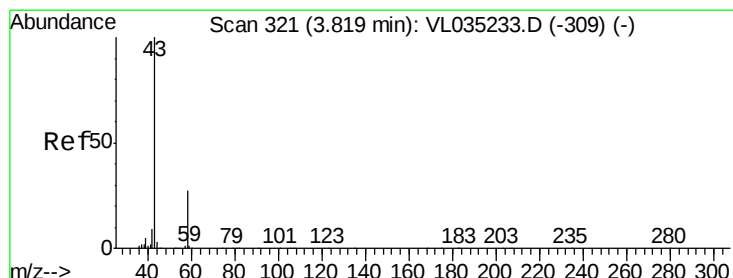
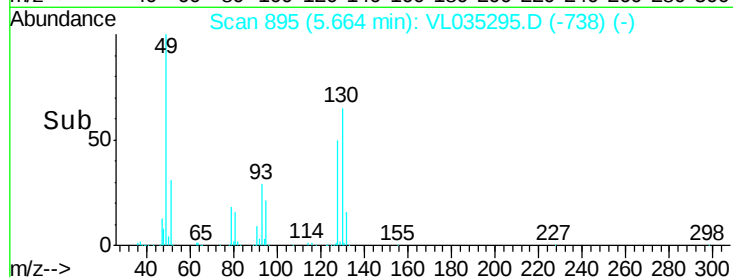
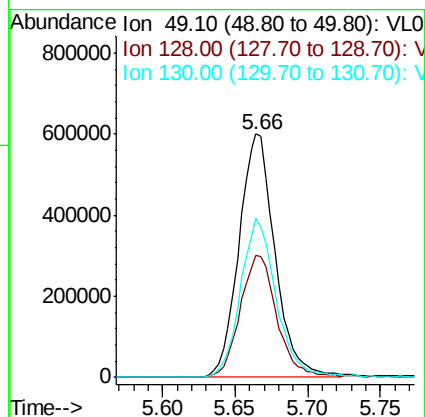
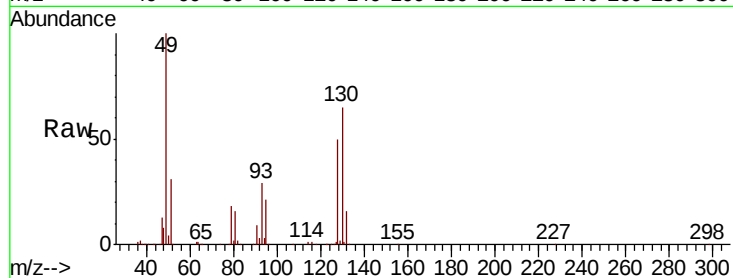
Tot Ion: 49 Resp: 1037248

Ion Ratio Lower Upper

49 100

128 51.7 24.0 72.0

130 65.6 30.7 92.1



#15

Acetone

Concen: 0.133 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.03 min

Lab File: VL035295.D

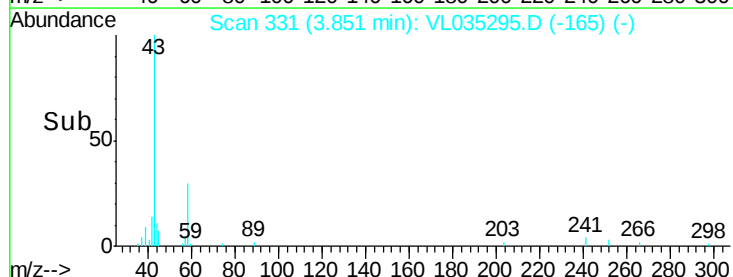
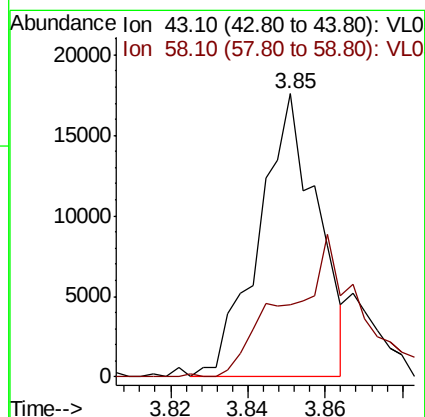
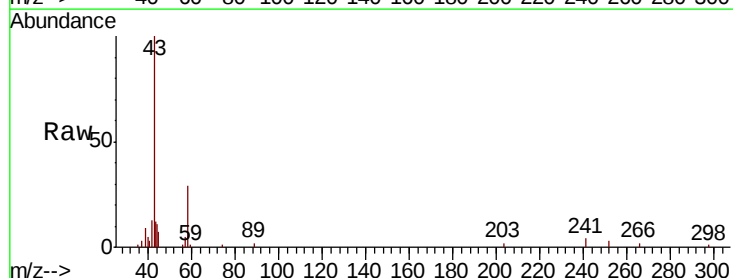
Acq: 31 Jul 2020 1:43

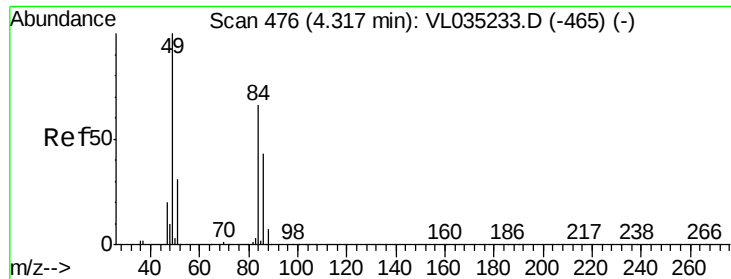
Tgt Ion: 43 Resp: 18413

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#

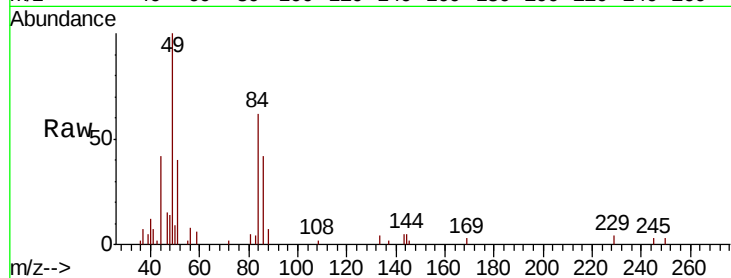




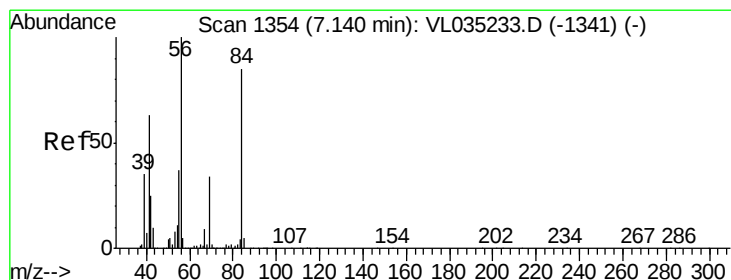
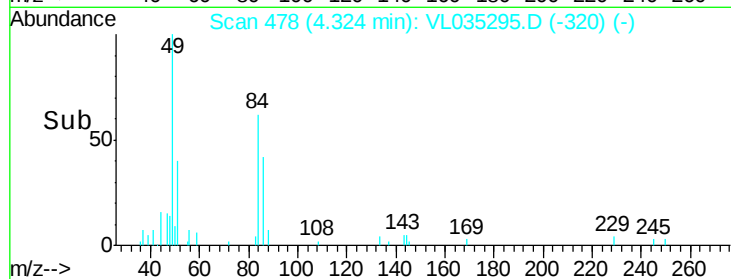
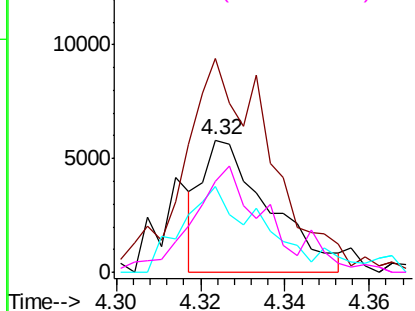
#20
Methvlene Chloride
Concen: 0.101 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL035295.D
Acq: 31 Jul 2020 1:43

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABL01

Tot Ion: 84 Resp: 6365
Ion Ratio Lower Upper
84 100
49 179.2 121.0 181.4
51 62.1 37.7 56.5#
86 71.8 52.2 78.4

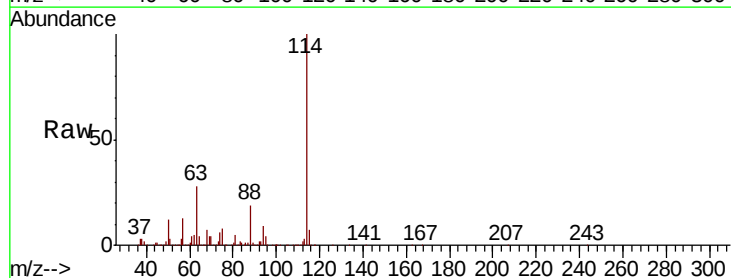


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

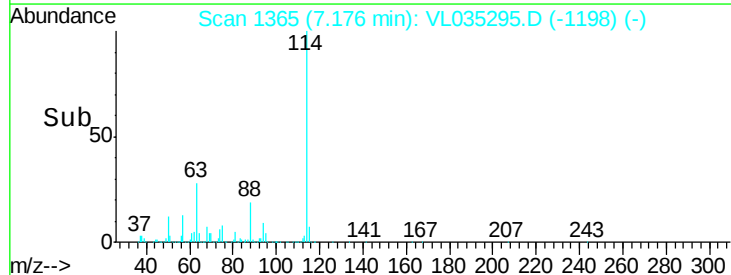
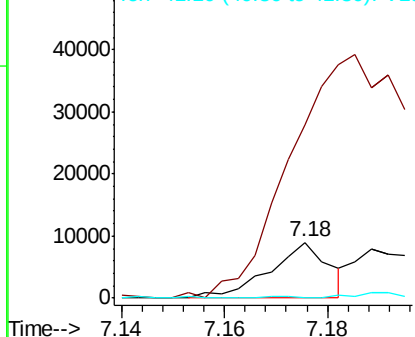


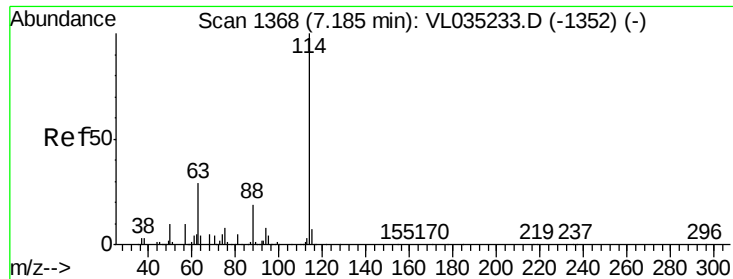
#30
Cyclohexane
Concen: 0.102 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.04 min
Lab File: VL035295.D
Acq: 31 Jul 2020 1:43

Tgt Ion: 84 Resp: 7127
Ion Ratio Lower Upper
84 100
56 0.0 104.2 156.2#
41 0.0 63.7 95.5#



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

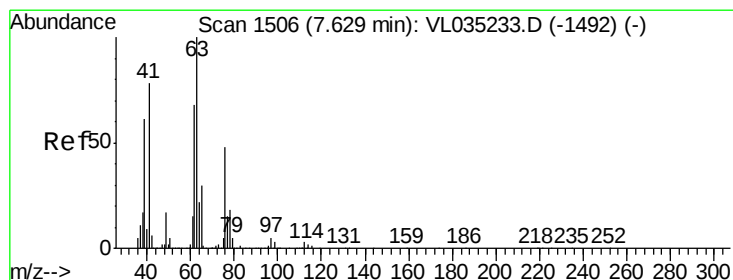
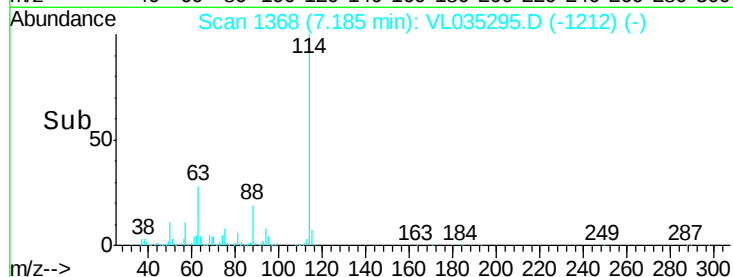
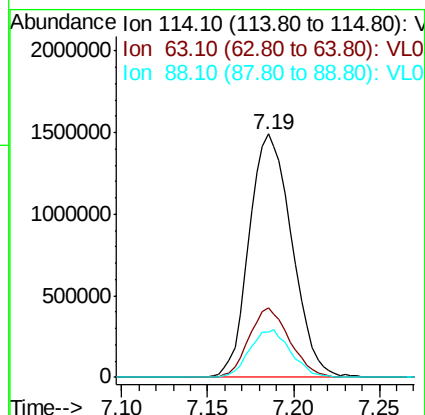
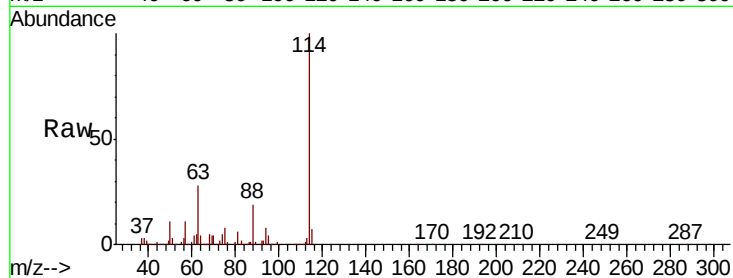




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL035295.D
 Acq: 31 Jul 2020 1:43

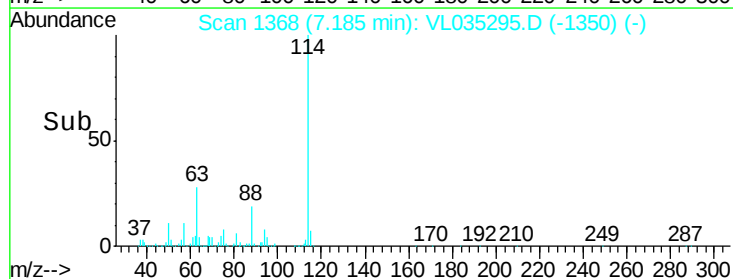
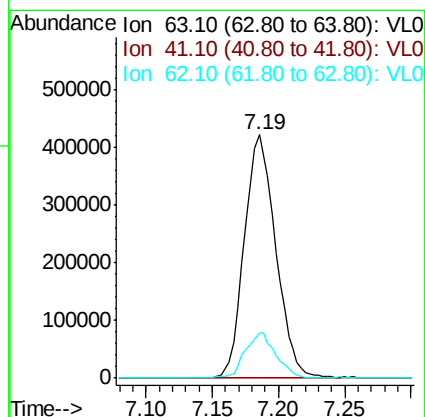
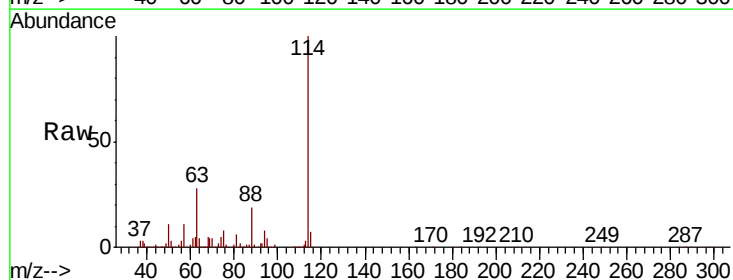
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABL01

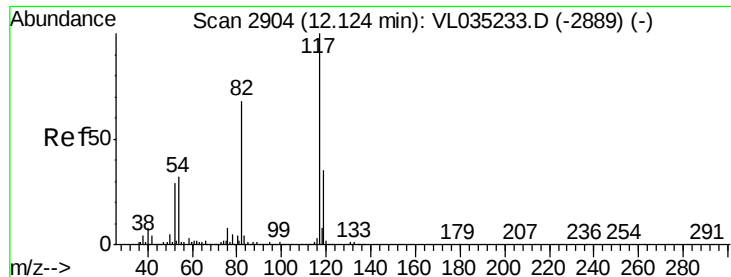
Tot Ion:114 Resp: 2568108
 Ion Ratio Lower Upper
 114 100
 63 27.2 22.2 33.2
 88 19.0 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 9.787 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.44 min
 Lab File: VL035295.D
 Acq: 31 Jul 2020 1:43

Tgt Ion: 63 Resp: 696946
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.2 93.4#
 62 18.6 54.2 81.2#

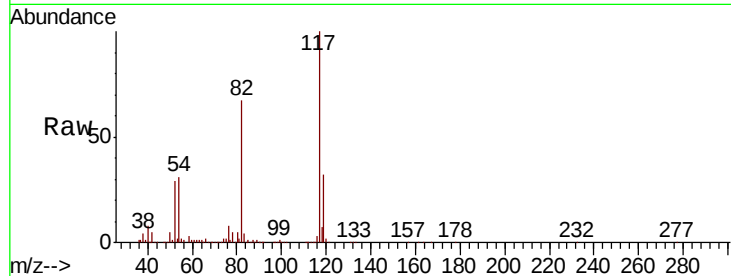




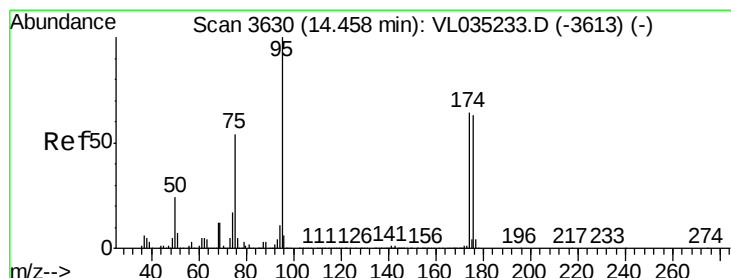
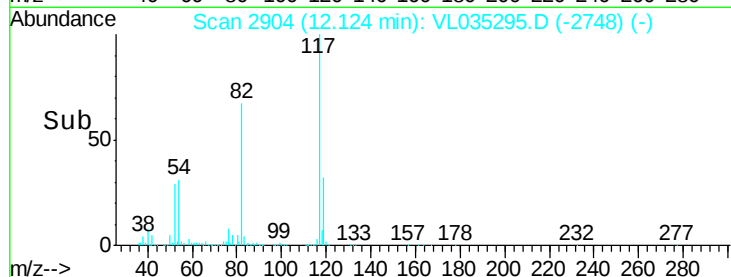
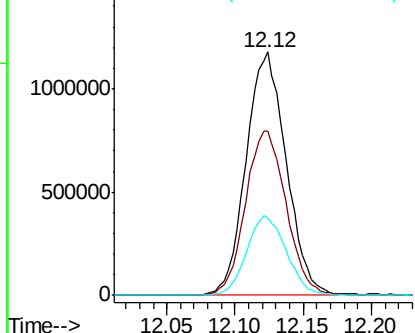
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035295.D
Acq: 31 Jul 2020 1:43

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABL01

Tot Ion:117 Resp: 2407531
Ion Ratio Lower Upper
117 100
82 68.8 52.4 78.6
119 32.5 24.6 36.8

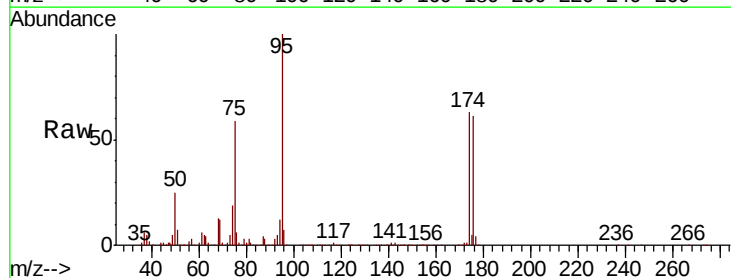


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.031 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.00 min
Lab File: VL035295.D
Acq: 31 Jul 2020 1:43

Tgt Ion: 95 Resp: 1929831
Ion Ratio Lower Upper
95 100
174 65.2 52.7 79.1
175 4.9 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

