

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073120\
Quantitation Report (Not Reviewed)

Data File : VL035298.D
Acq On : 31 Jul 2020 8:53
Operator : SY/AP
Sample : CAN 10282
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10282

Quant Time: Jul 31 15:20:16 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	1025845	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2553639	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2359853	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1900970	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds					Qvalue	
13) Ethanol	3.59	45	539	0.033	ppbv #	36
15) Acetone	3.85	43	35210	0.257	ppbv #	48
20) Methylene Chloride	4.32	84	8168	0.131	ppbv #	89
39) 1,2-Dichloropropane	7.19	63	696655	9.839	ppbv #	23

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

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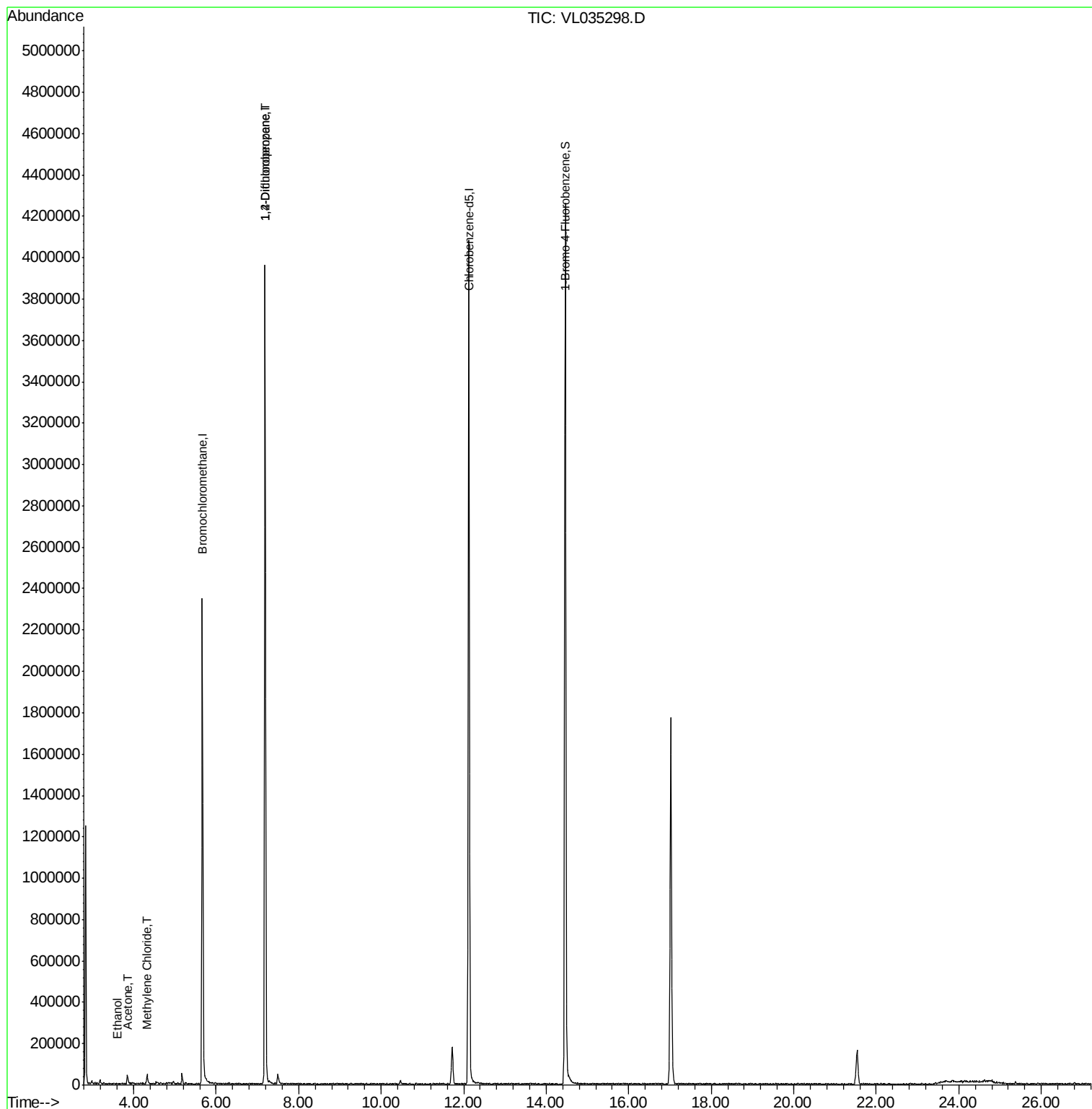
Quant Time: Jul 31 15:20:16 2020

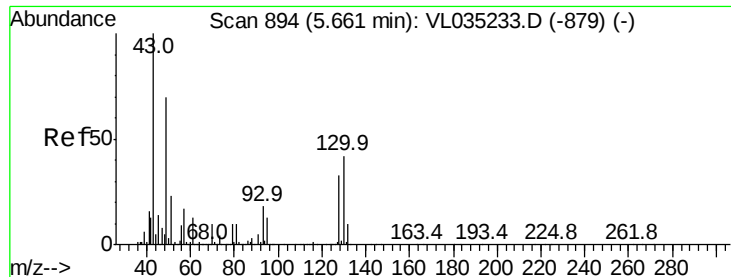
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

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MSVOA_L

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CAN 10282

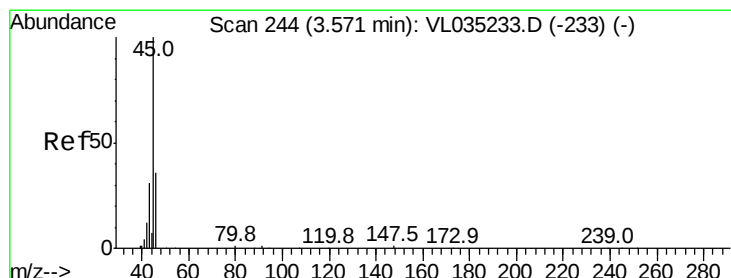
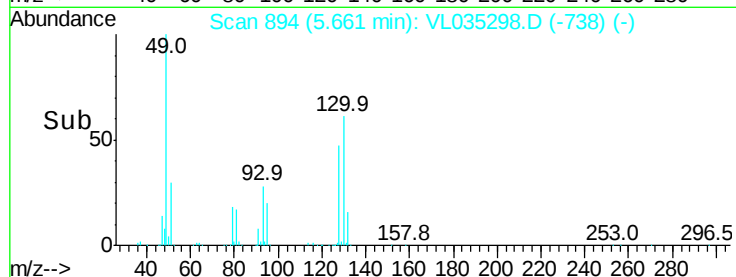
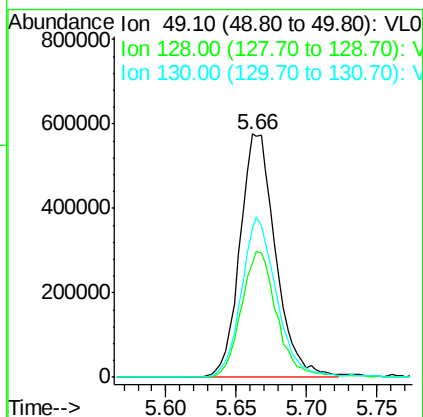
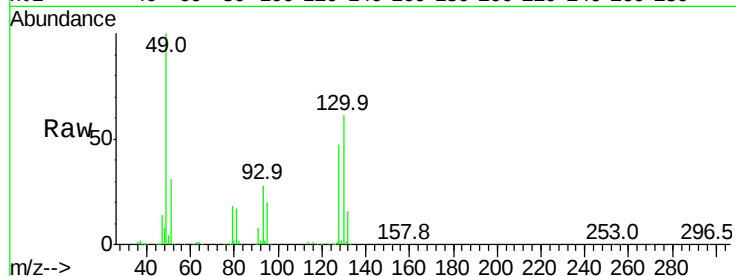
Tgt Ion: 49 Resp: 1025845

Ion Ratio Lower Upper

49 100

128 51.8 24.0 72.0

130 65.6 30.7 92.1



#13

Ethanol

Concen: 0.033 ppbv

RT: 3.59 min Scan# 250

Delta R.T. 0.02 min

Lab File: VL035298.D

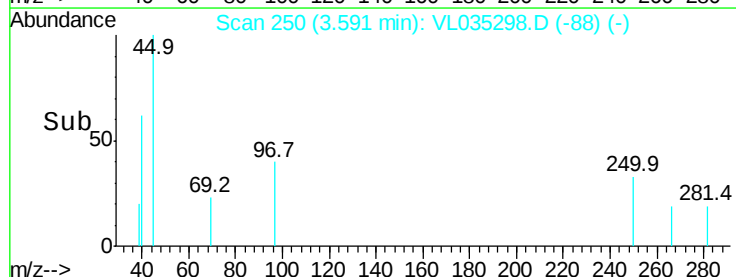
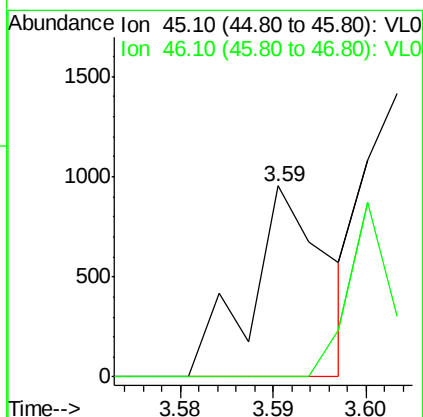
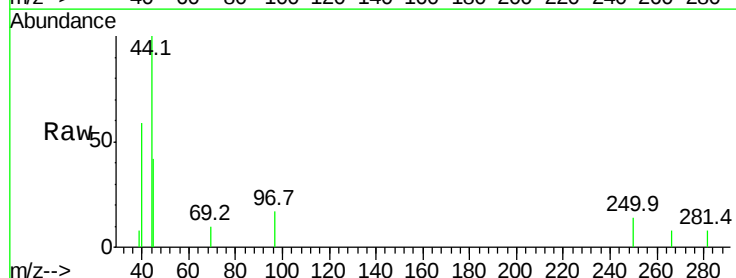
Acq: 31 Jul 2020 8:53

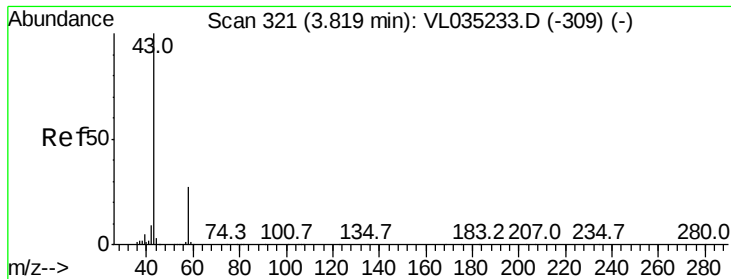
Tgt Ion: 45 Resp: 539

Ion Ratio Lower Upper

45 100

46 0.0 15.8 63.4#





#15

Acetone

Concen: 0.257 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.03 min

Lab File: VL035298.D

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Instrument :

MSVOA_L

ClientSampleId :

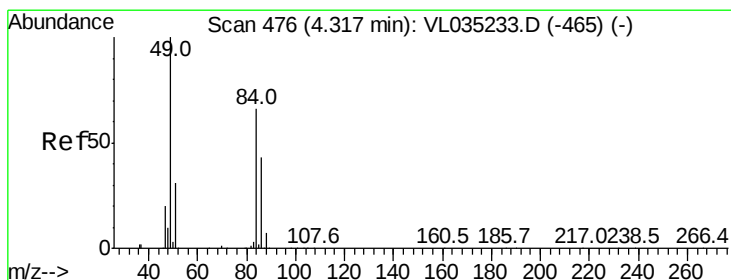
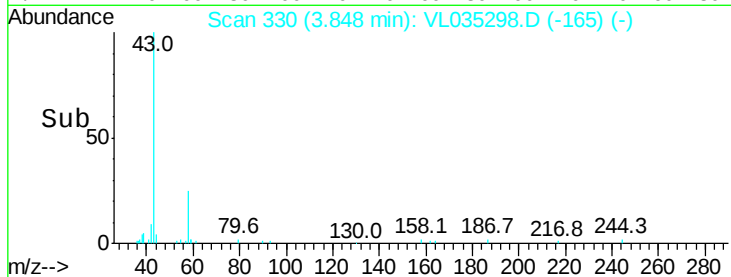
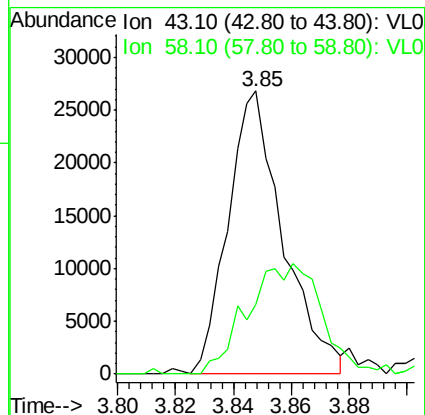
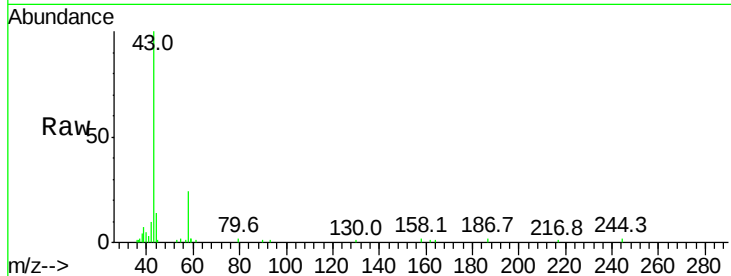
CAN 10282

Tgt Ion: 43 Resp: 35210

Ion Ratio Lower Upper

43 100

58 54.0 21.8 32.6#



#20

Methylene Chloride

Concen: 0.131 ppbv

RT: 4.32 min Scan# 478

Delta R.T. 0.01 min

Lab File: VL035298.D

Acq: 31 Jul 2020 8:53

Tgt Ion: 84 Resp: 8168

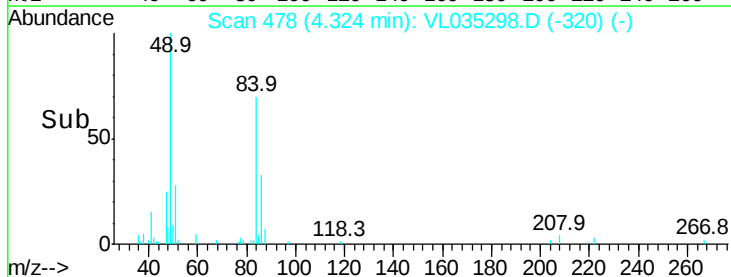
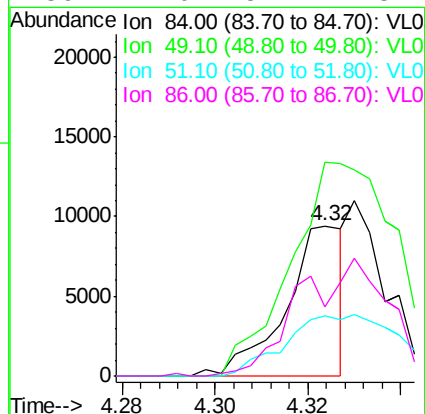
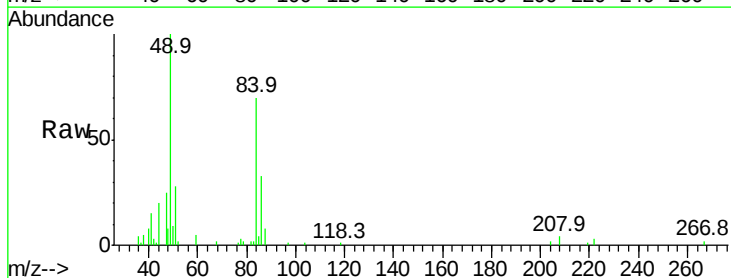
Ion Ratio Lower Upper

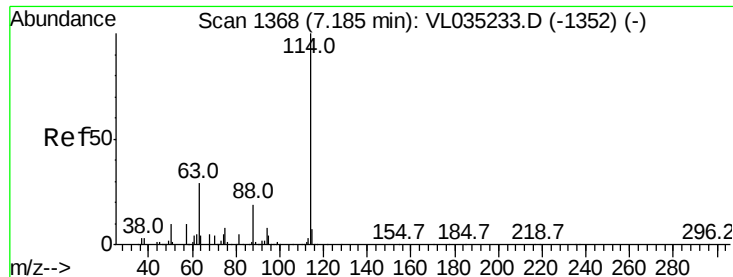
84 100

49 147.5 121.0 181.4

51 38.4 37.7 56.5

86 44.0 52.2 78.4#

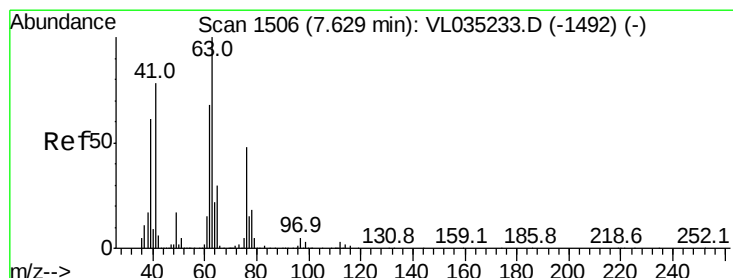
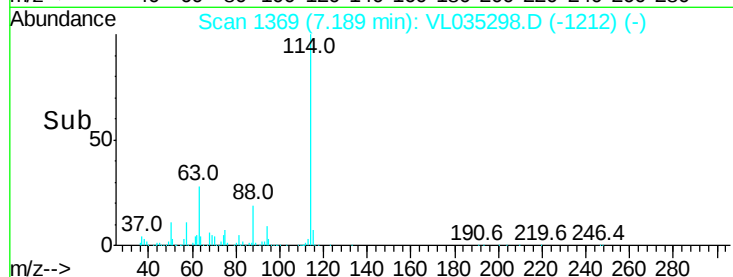
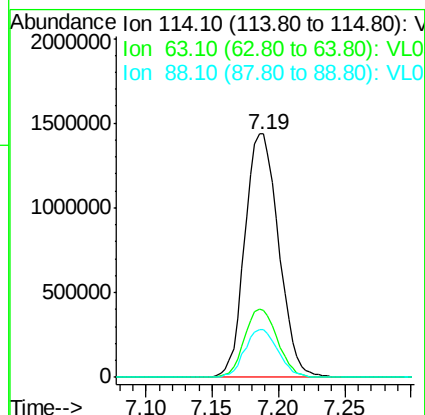
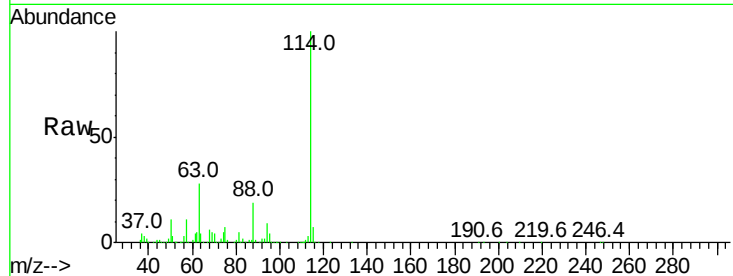




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL035298.D
 Acq: 31 Jul 2020 8:53

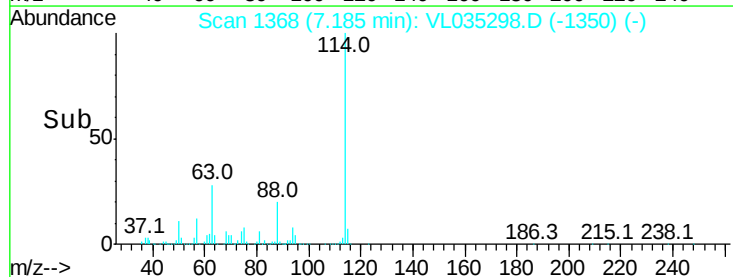
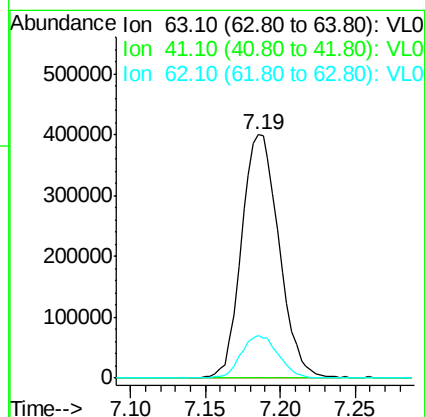
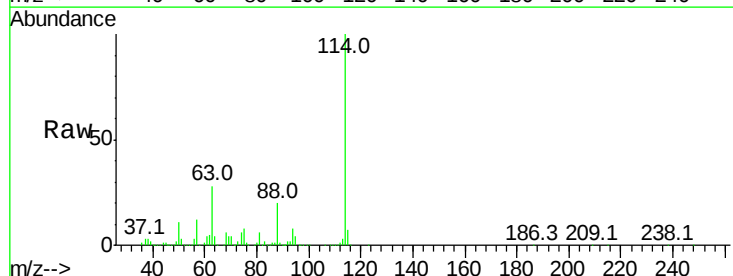
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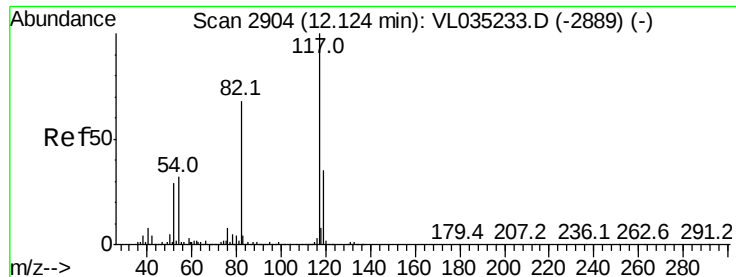
Tgt Ion: 114 Resp: 2553639
 Ion Ratio Lower Upper
 114 100
 63 27.4 22.2 33.2
 88 19.4 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 9.839 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.44 min
 Lab File: VL035298.D
 Acq: 31 Jul 2020 8:53

Tgt Ion: 63 Resp: 696655
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.2 93.4#
 62 17.7 54.2 81.2#

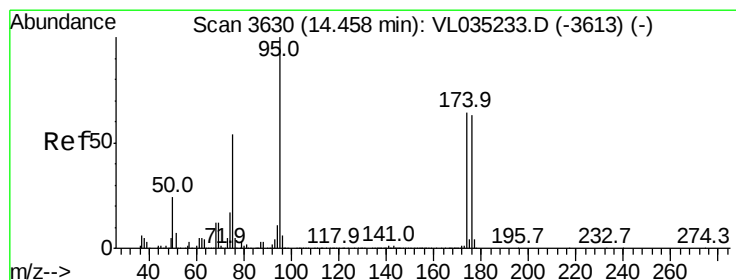
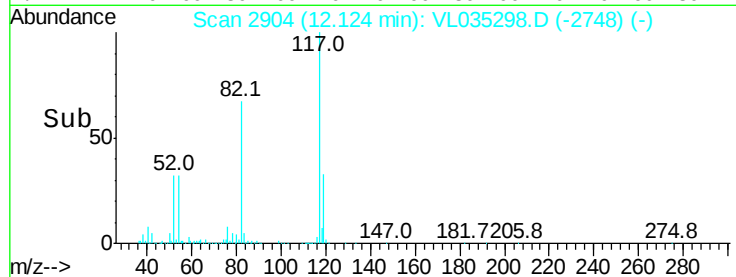
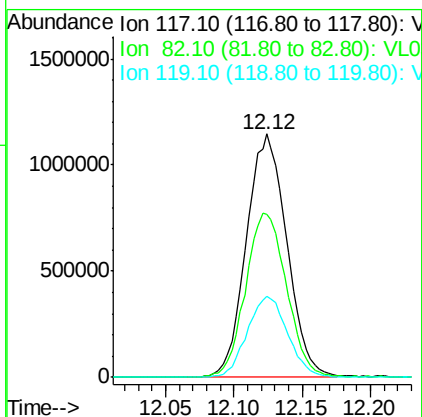
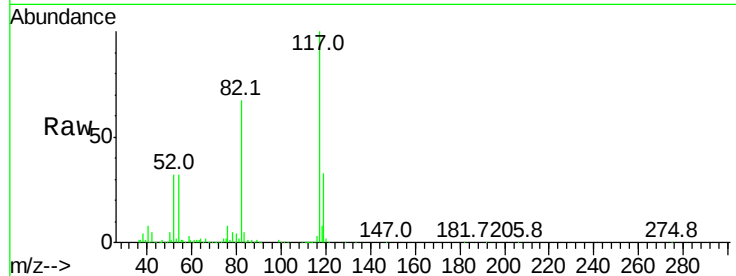




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035298.D
Acq: 31 Jul 2020 8:53

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Tgt Ion: 117 Resp: 2359853
Ion Ratio Lower Upper
117 100
82 68.8 52.4 78.6
119 33.6 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.081 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.00 min
Lab File: VL035298.D
Acq: 31 Jul 2020 8:53

Tgt Ion: 95 Resp: 1900970
Ion Ratio Lower Upper
95 100
174 65.6 52.7 79.1
175 4.5 3.9 5.9

