

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091020\
 Data File : VL035587.D
 Acq On : 10 Sep 2020 17:15
 Operator : SY/AP
 Sample : CAN 10595
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10595

Quant Time: Sep 11 08:13:32 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	5.66	49	1042485	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4196774	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4276692	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3165151	10.42	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

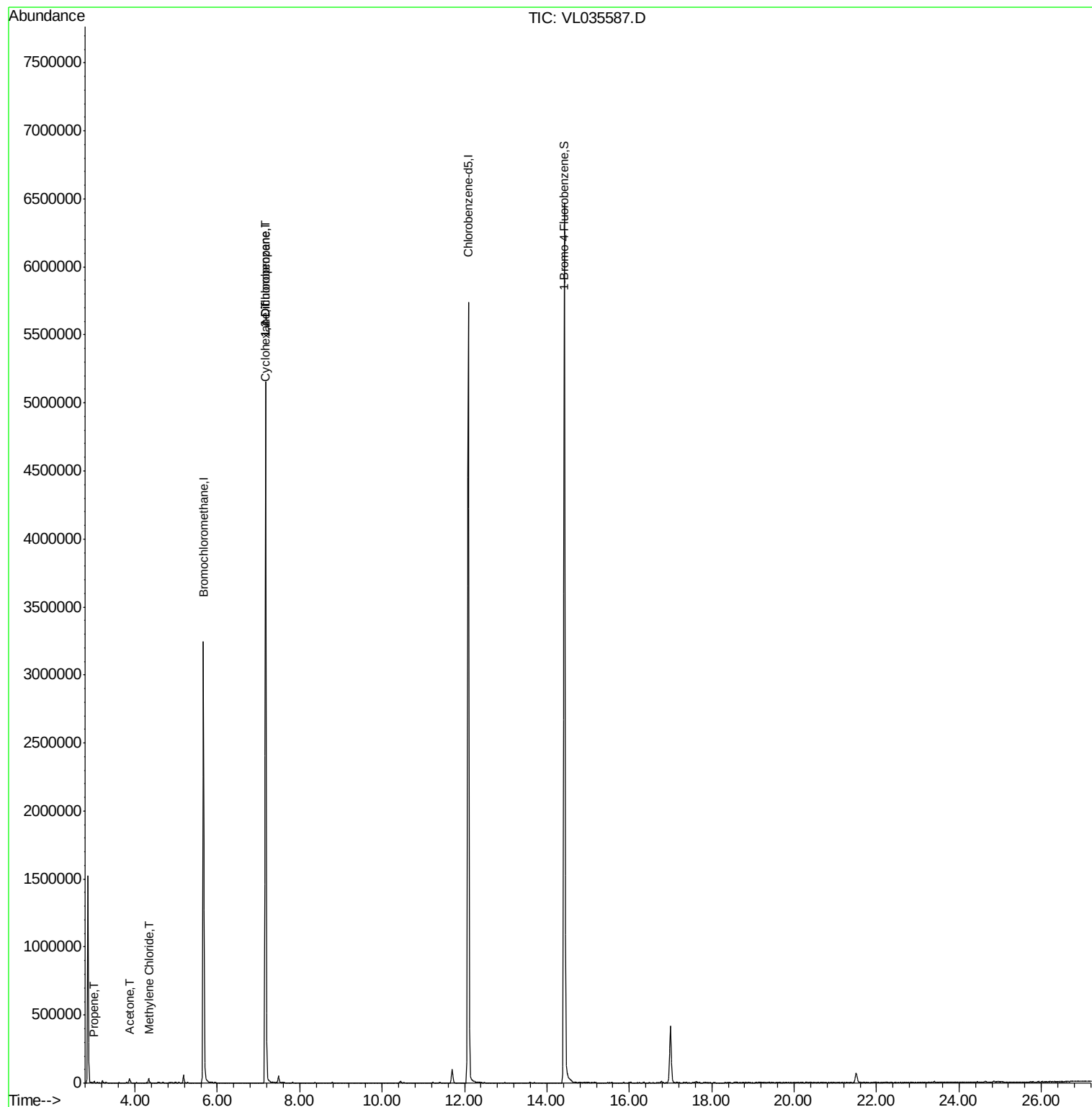
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3233	0.073	ppbv #	82
15) Acetone	3.86	43	10561	0.092	ppbv #	39
20) Methylene Chloride	4.34	84	7991	0.093	ppbv #	83
30) Cyclohexane	7.16	84	4912	0.040	ppbv #	9
39) 1,2-Dichloropropane	7.17	63	789914	8.607	ppbv #	33

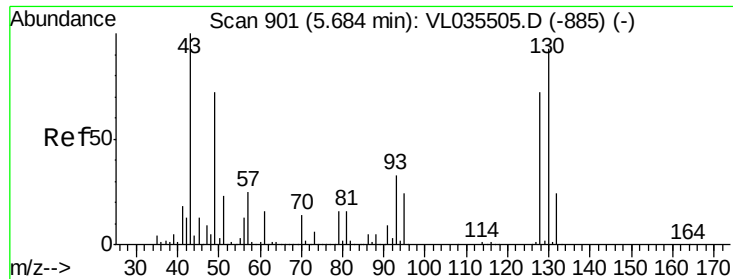
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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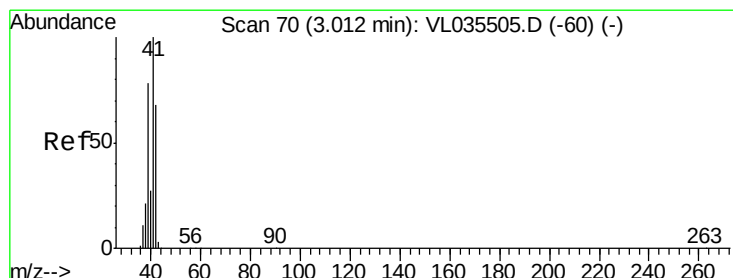
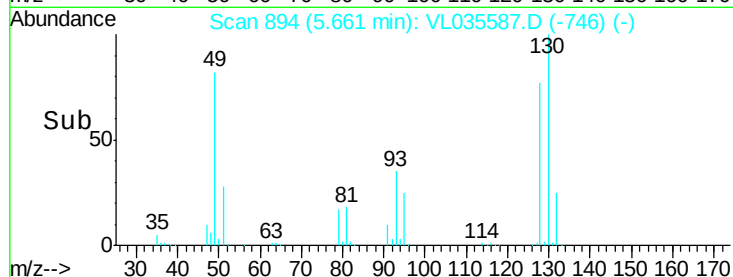
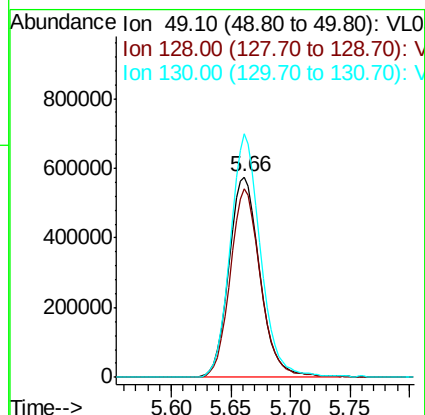
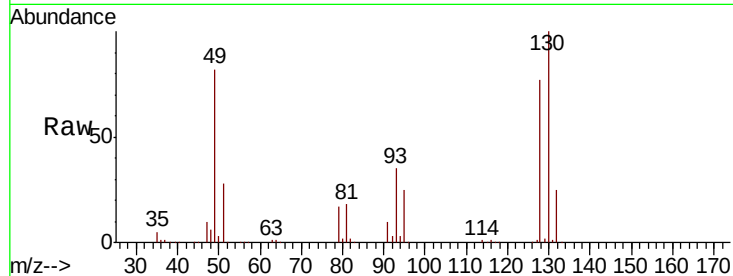




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035587.D
Acq: 10 Sep 2020 17:15

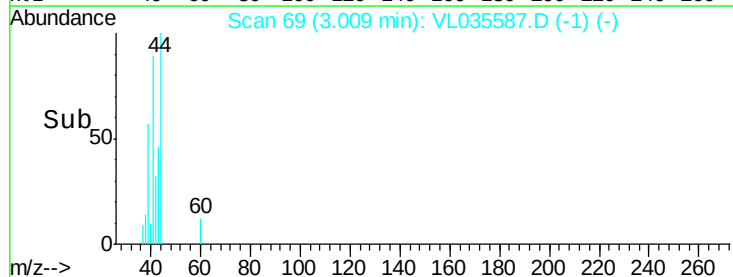
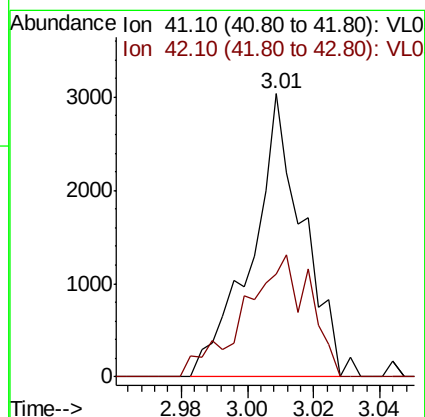
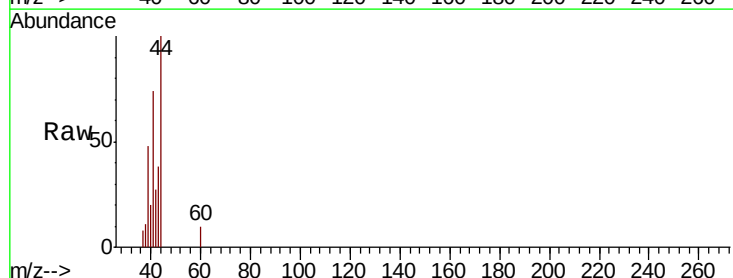
Instrument :
MSVOA_L
ClientSampleId :
CAN 10595

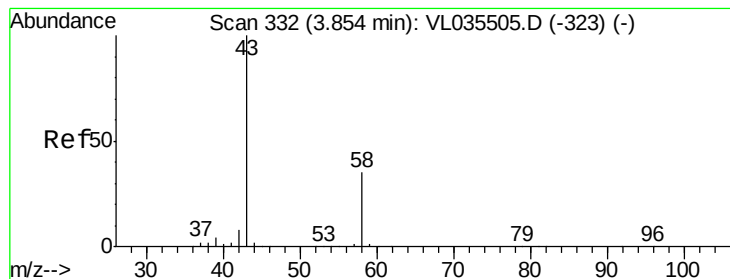
Tot Ion: 49 Resp: 1042485
Ion Ratio Lower Upper
49 100
128 92.6 50.0 150.1
130 119.1 64.4 193.2



#9
Propene
Concen: 0.073 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL035587.D
Acq: 10 Sep 2020 17:15

Tgt Ion: 41 Resp: 3233
Ion Ratio Lower Upper
41 100
42 55.9 56.3 84.5#





#15

Acetone

Concen: 0.092 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL035587.D

Acq: 10 Sep 2020 17:15

Instrument :

MSVOA_L

ClientSampleId :

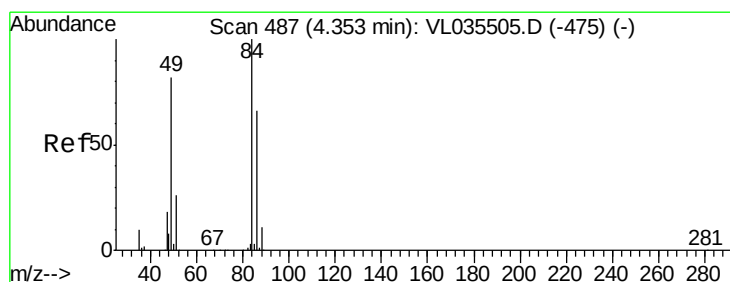
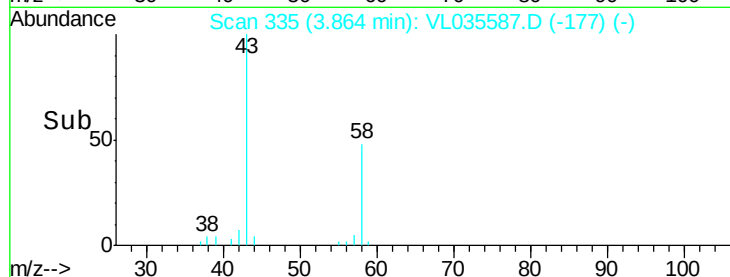
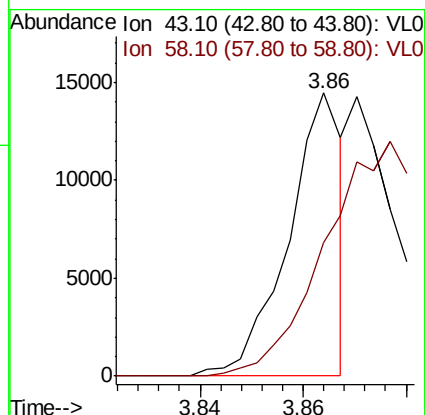
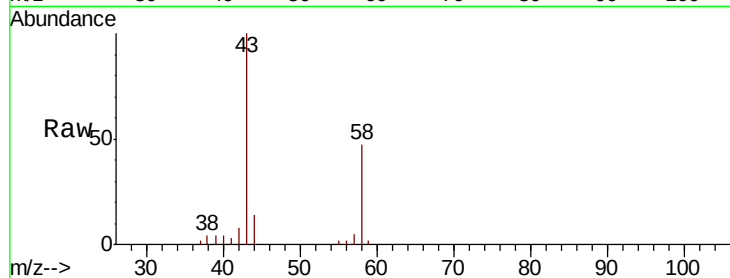
CAN 10595

Tot Ion: 43 Resp: 10561

Ion Ratio Lower Upper

43 100

58 0.0 28.4 42.6#



#20

Methylene Chloride

Concen: 0.093 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.02 min

Lab File: VL035587.D

Acq: 10 Sep 2020 17:15

Tgt Ion: 84 Resp: 7991

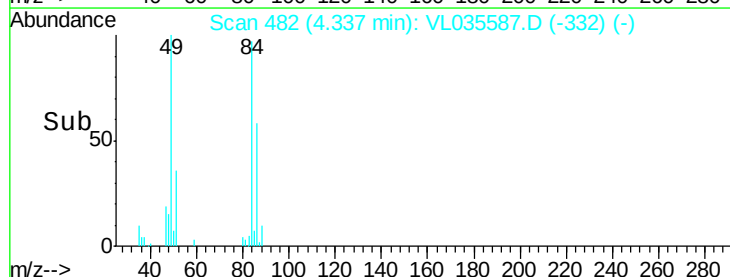
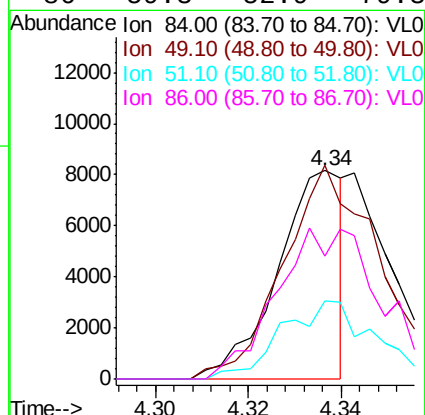
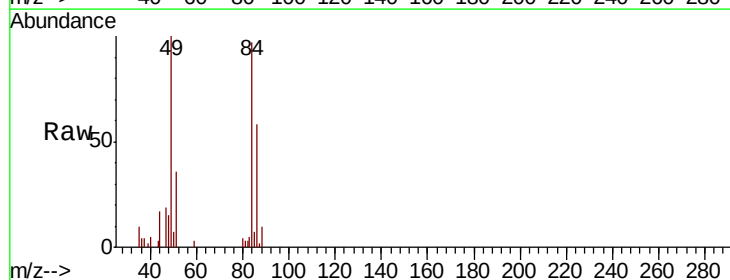
Ion Ratio Lower Upper

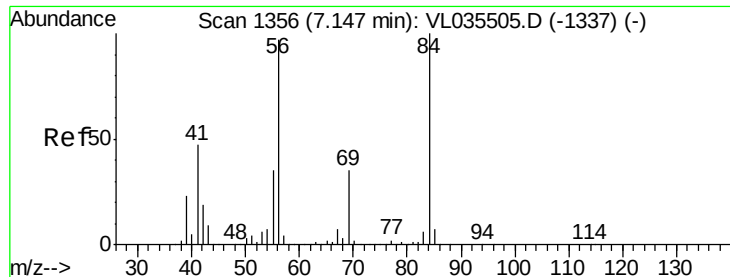
84 100

49 102.6 65.4 98.0#

51 37.4 21.5 32.3#

86 59.3 52.9 79.3

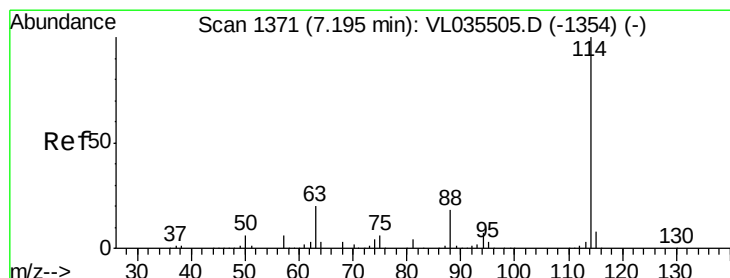
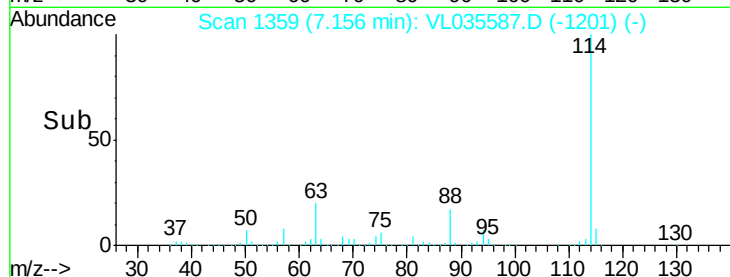
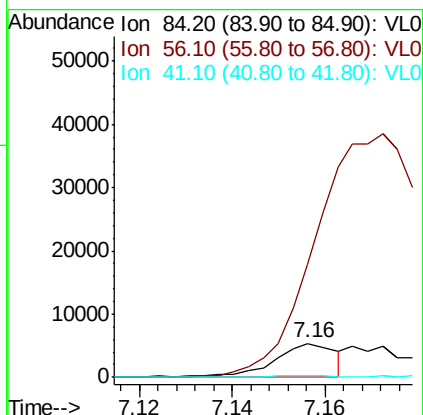
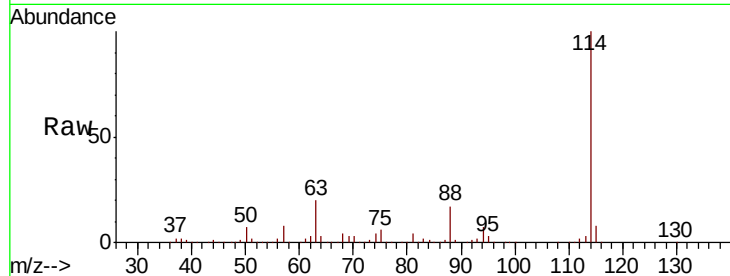




#30
Cyclohexane
Concen: 0.040 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VL035587.D
Acq: 10 Sep 2020 17:15

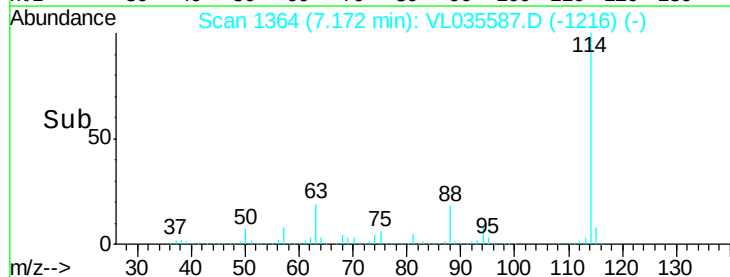
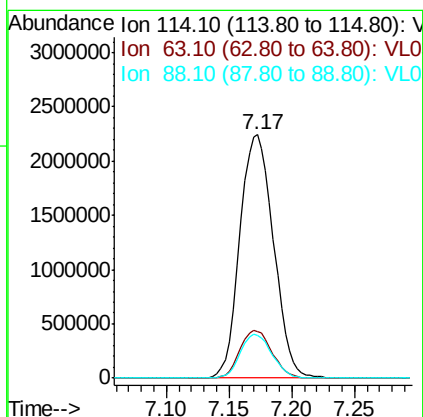
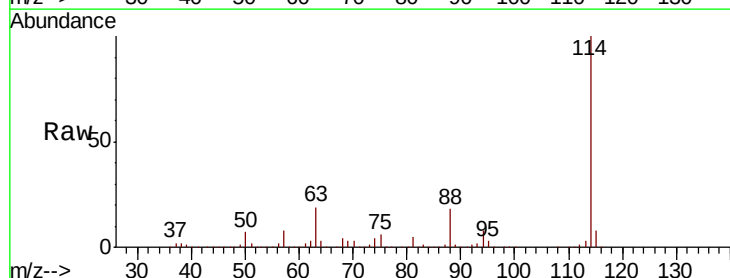
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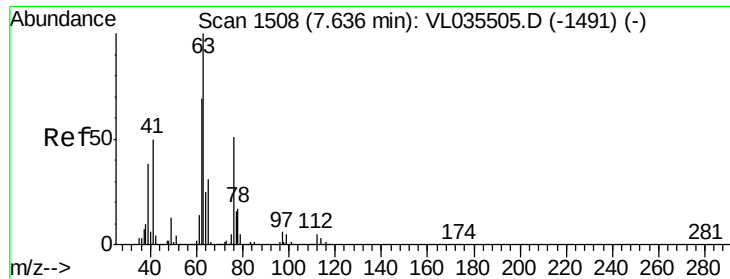
Tot Ion: 84 Resp: 4912
Ion Ratio Lower Upper
84 100
56 0.0 80.1 120.1#
41 0.0 38.1 57.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.02 min
Lab File: VL035587.D
Acq: 10 Sep 2020 17:15

Tgt Ion: 114 Resp: 4196774
Ion Ratio Lower Upper
114 100
63 18.9 14.7 22.1
88 17.1 13.4 20.2





#39

1,2-Dichloropropane

Concen: 8.607 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.47 min

Lab File: VL035587.D

Acq: 10 Sep 2020 17:15

Instrument :

MSVOA_L

ClientSampleId :

CAN 10595

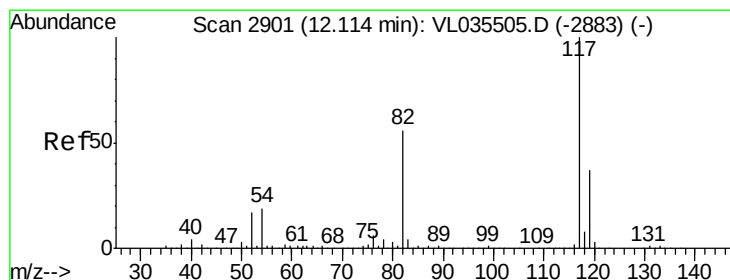
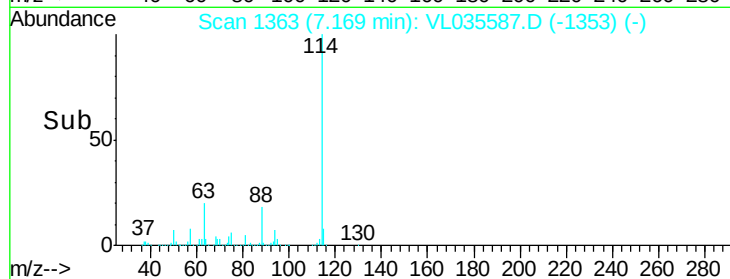
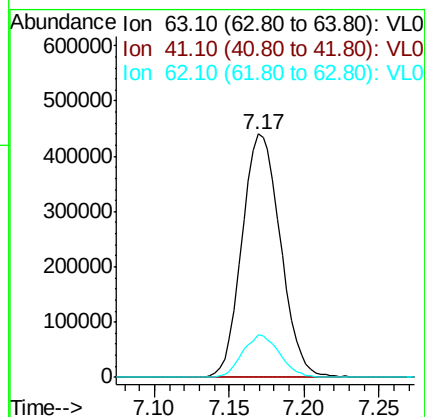
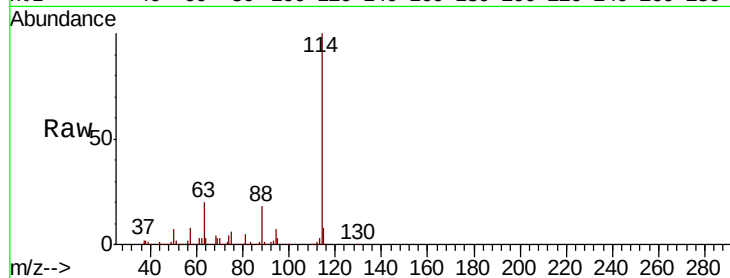
Tot Ion: 63 Resp: 789914

Ion Ratio Lower Upper

63 100

41 0.0 40.0 60.0#

62 17.3 55.4 83.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.03 min

Lab File: VL035587.D

Acq: 10 Sep 2020 17:15

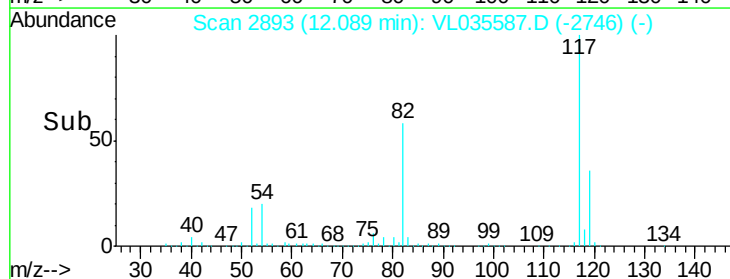
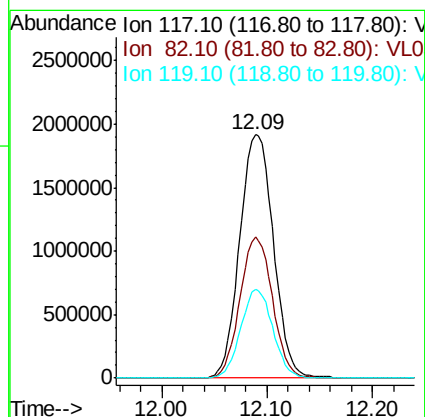
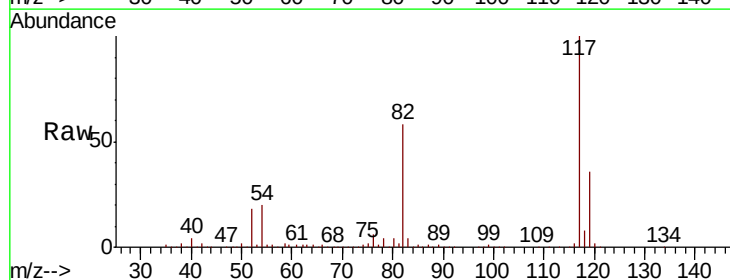
Tgt Ion: 117 Resp: 4276692

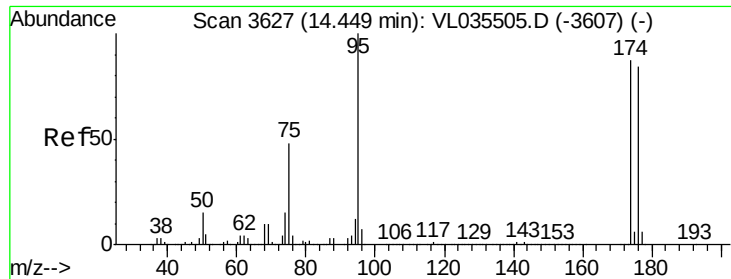
Ion Ratio Lower Upper

117 100

82 56.3 41.6 62.4

119 34.7 29.3 43.9





#68

1-Bromo-4-Fluorobenzene

Concen: 10.422 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.03 min

Lab File: VL035587.D

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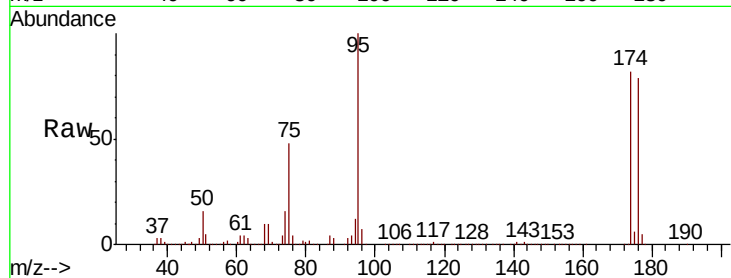
Tot Ion: 95 Resp: 3165151

Ion Ratio Lower Upper

95 100

174 83.3 69.6 104.4

175 5.9 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

