

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035061.D
 Acq On : 20 May 2020 2:09
 Operator : SY/AP
 Sample : L2683-07DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 20 04:50:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1099261	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2503515	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2402028	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2026214	10.42	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

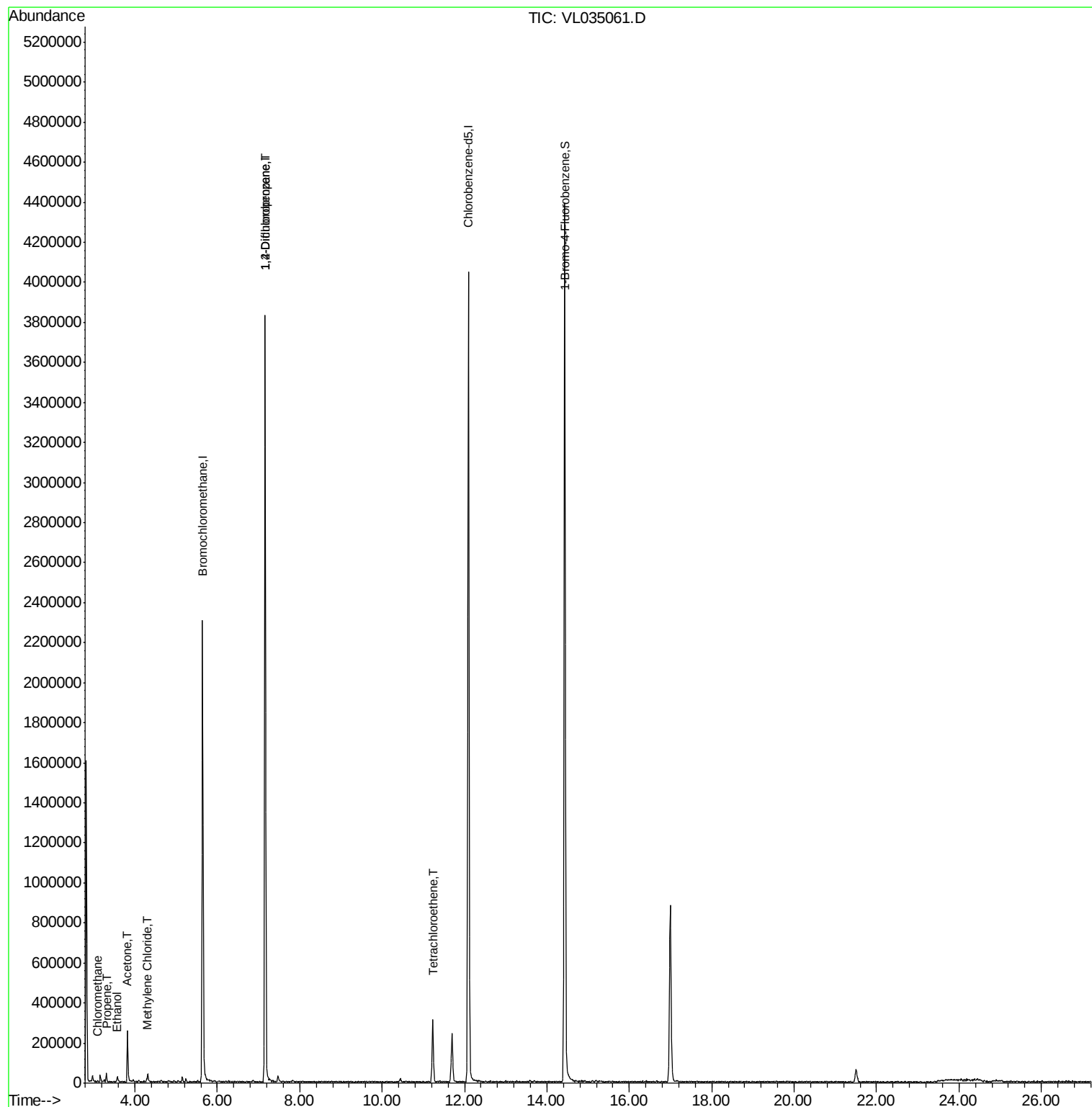
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.09	50	2705	0.038	ppbv #	73
9) Propene	3.31	41	5681	0.104	ppbv	95
13) Ethanol	3.57	45	20830	1.159	ppbv	97
15) Acetone	3.82	43	235735	1.622	ppbv	98
20) Methylene Chloride	4.30	84	12617	0.262	ppbv #	74
39) 1,2-Dichloropropane	7.16	63	695459	8.405	ppbv #	25
52) Tetrachloroethene	11.23	164	74716	1.018	ppbv	85

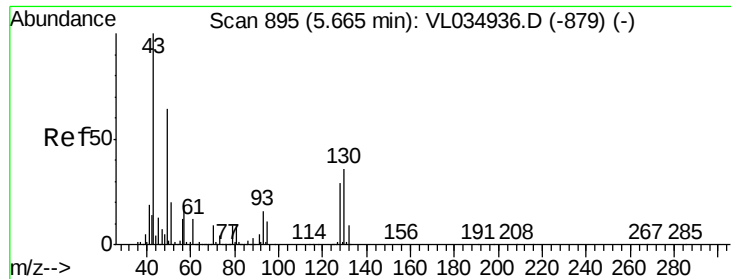
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051920\
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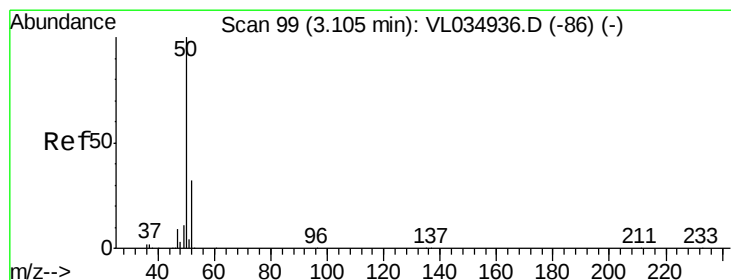
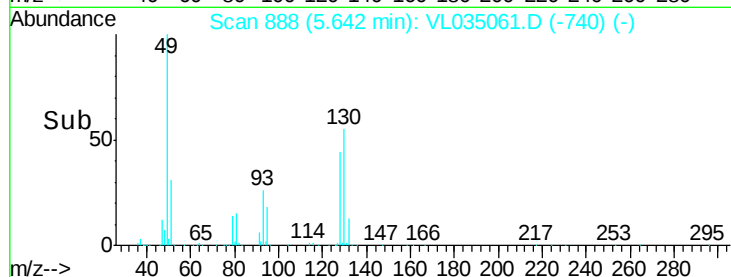
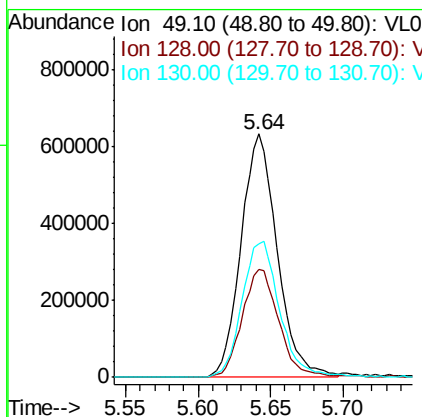
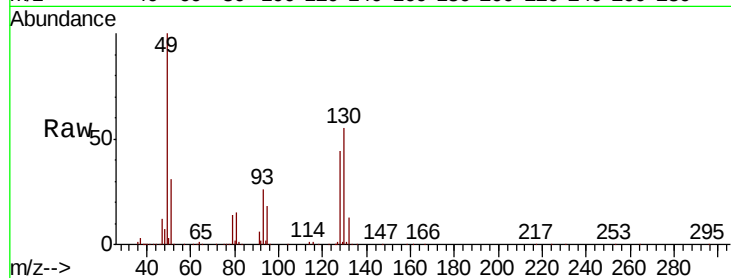




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: VL035061.D
 Acq: 20 May 2020 2:09

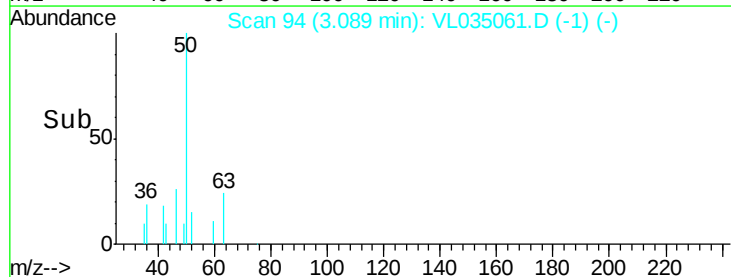
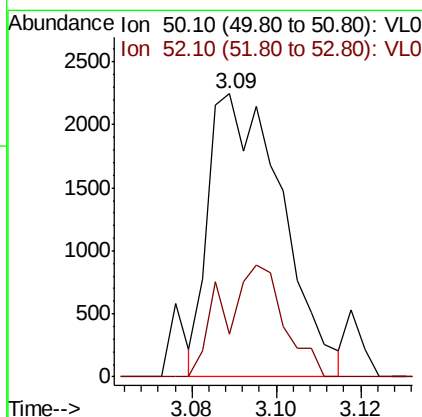
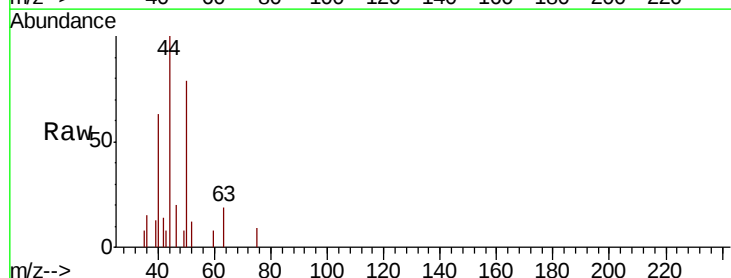
Instrument :
 MSVOA_L
 ClientSampleId :

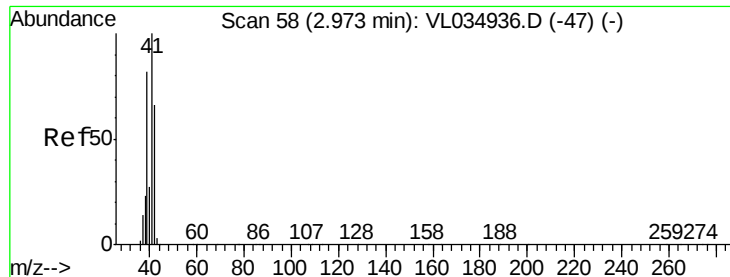
Tot Ion: 49 Resp: 1099261
 Ion Ratio Lower Upper
 49 100
 128 45.5 22.1 66.5
 130 58.7 29.1 87.3



#4
 Chloromethane
 Concen: 0.038 ppbv
 RT: 3.09 min Scan# 94
 Delta R.T. -0.02 min
 Lab File: VL035061.D
 Acq: 20 May 2020 2:09

Tgt Ion: 50 Resp: 2705
 Ion Ratio Lower Upper
 50 100
 52 16.5 25.4 38.2#





#9

Propene

Concen: 0.104 ppbv

RT: 3.31 min Scan# 164

Delta R.T. 0.34 min

Lab File: VL035061.D

Acq: 20 May 2020 2:09

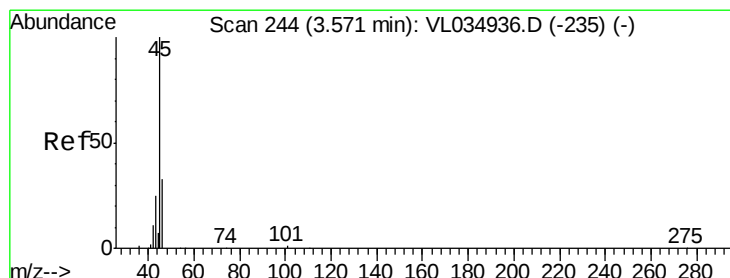
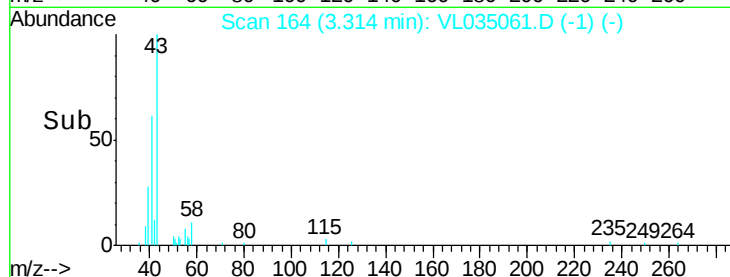
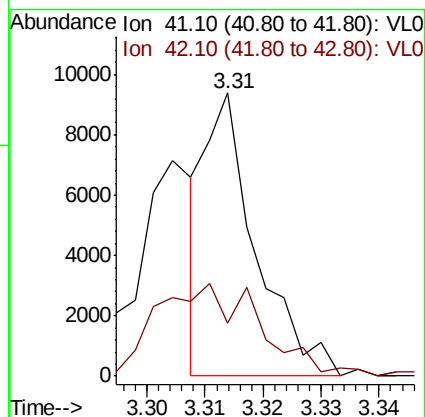
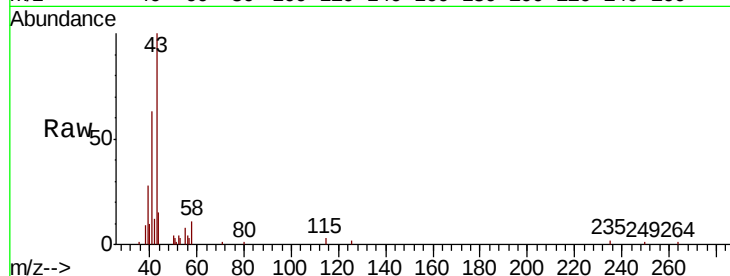
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 41 Resp: 5681

Ion Ratio Lower Upper

41 100

42 72.3 54.5 81.7



#13

Ethanol

Concen: 1.159 ppbv

RT: 3.57 min Scan# 245

Delta R.T. 0.00 min

Lab File: VL035061.D

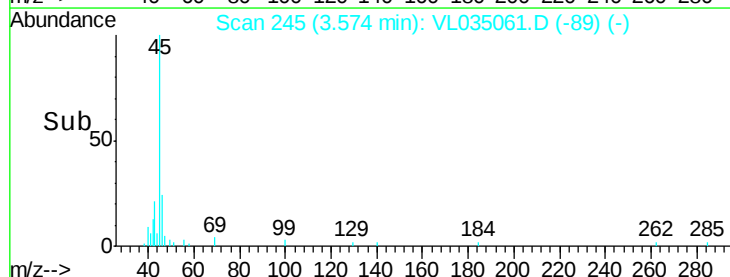
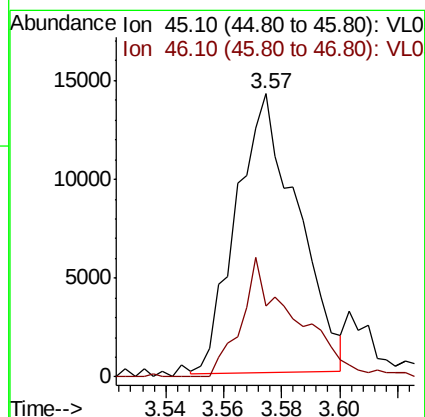
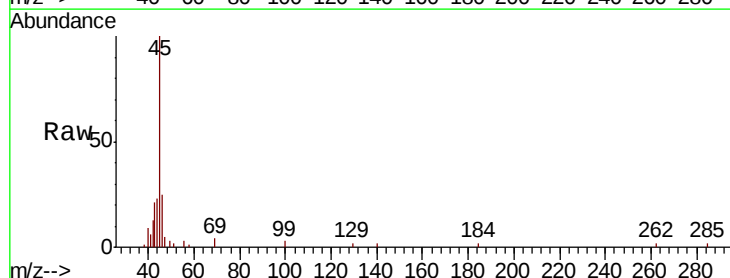
Acq: 20 May 2020 2:09

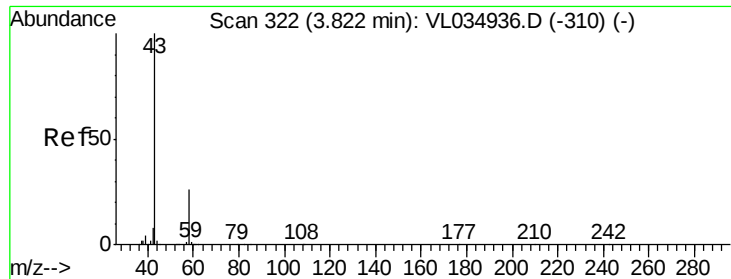
Tgt Ion: 45 Resp: 20830

Ion Ratio Lower Upper

45 100

46 37.6 14.3 57.3





#15

Acetone

Concen: 1.622 ppbv

RT: 3.82 min Scan# 321

Delta R.T. -0.00 min

Lab File: VL035061.D

Acq: 20 May 2020 2:09

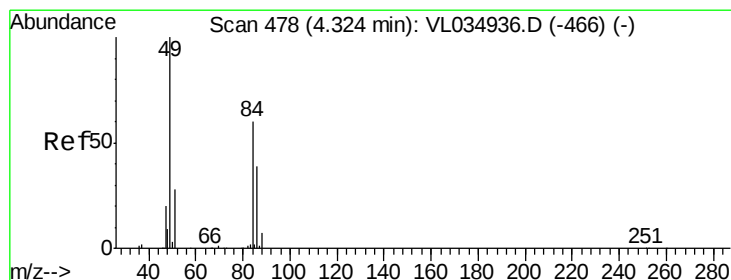
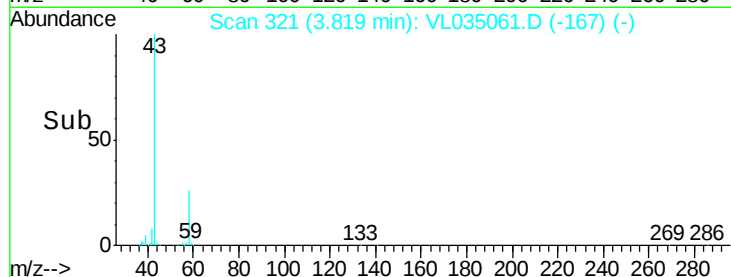
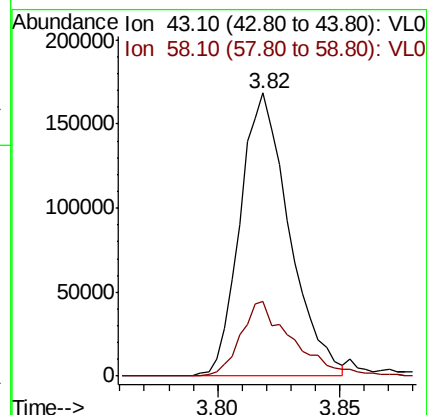
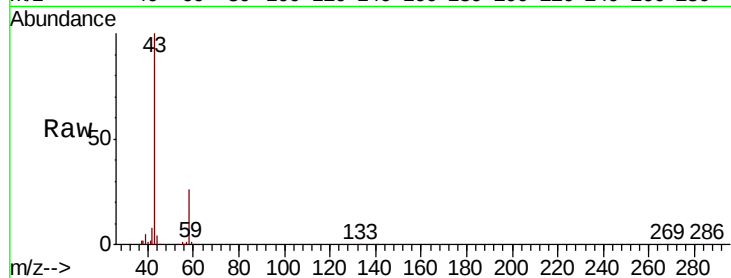
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 235735

Ion Ratio Lower Upper

43 100

58 27.9 21.7 32.5



#20

Methylene Chloride

Concen: 0.262 ppbv

RT: 4.30 min Scan# 472

Delta R.T. -0.02 min

Lab File: VL035061.D

Acq: 20 May 2020 2:09

Tgt Ion: 84 Resp: 12617

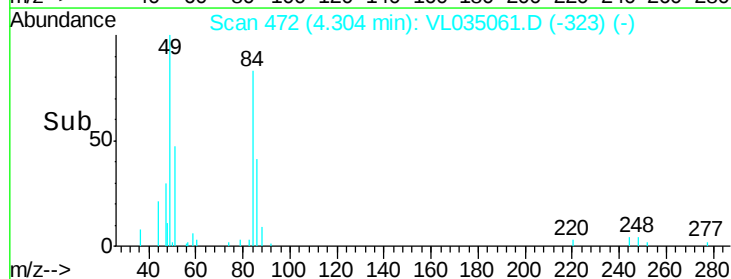
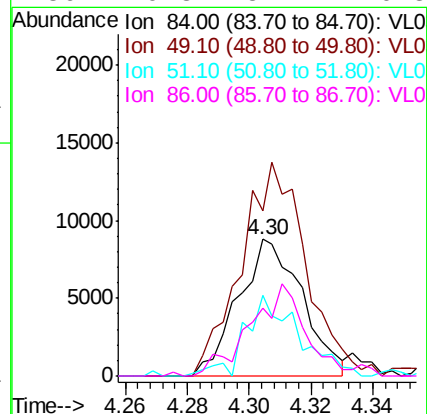
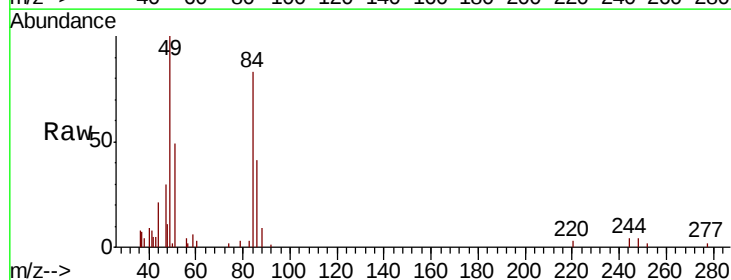
Ion Ratio Lower Upper

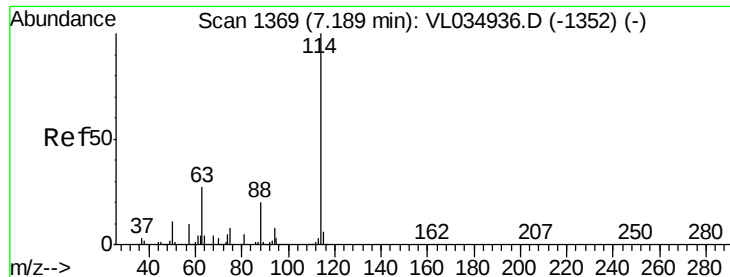
84 100

49 120.8 132.5 198.7#

51 56.7 38.4 57.6

86 49.3 51.2 76.8#



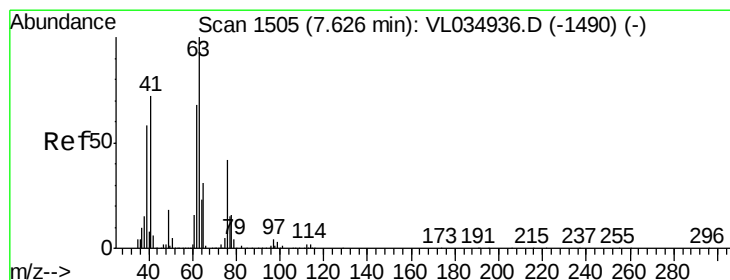
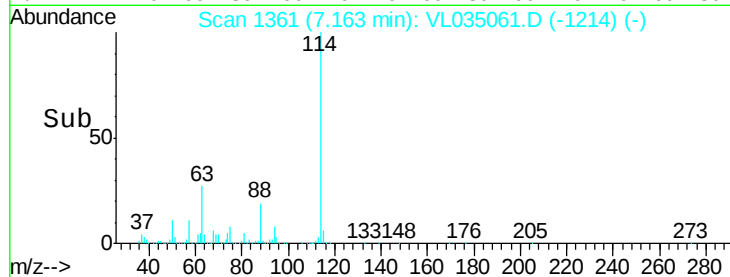
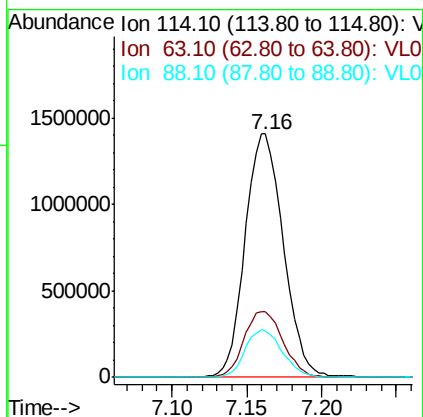
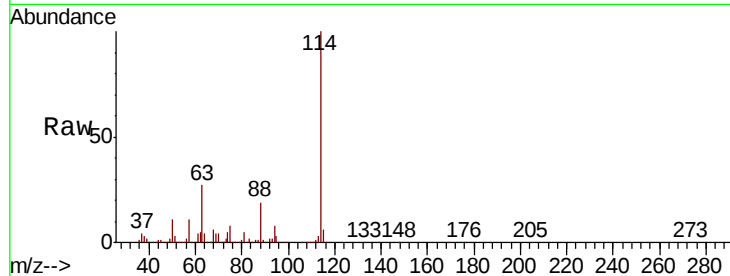


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.03 min
 Lab File: VL035061.D
 Acq: 20 May 2020 2:09

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 2503515

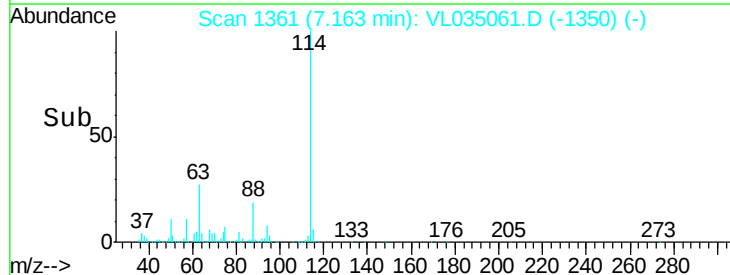
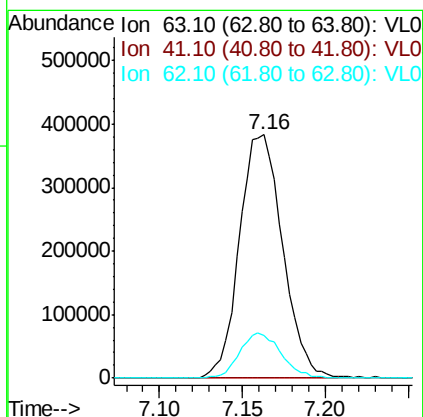
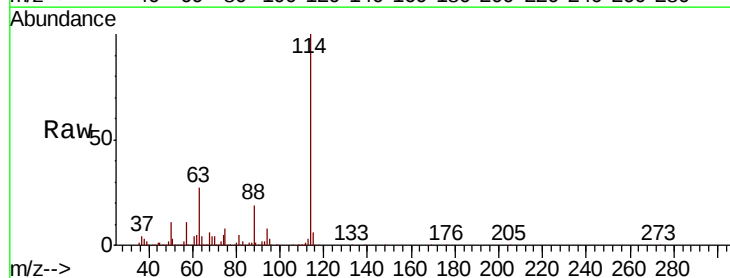
Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.2	33.4
88	19.2	15.5	23.3

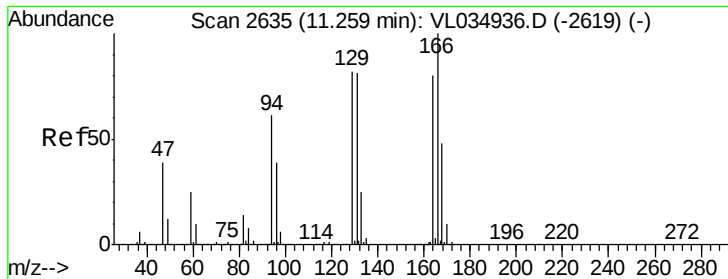


#39
 1,2-Dichloropropane
 Concen: 8.405 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.46 min
 Lab File: VL035061.D
 Acq: 20 May 2020 2:09

Tgt Ion: 63 Resp: 695459

Ion	Ratio	Lower	Upper
63	100		
41	0.1	57.8	86.8#
62	17.2	54.2	81.2#





#52

Tetrachloroethene

Concen: 1.018 ppbv

RT: 11.23 min Scan# 2627

Delta R.T. -0.03 min

Lab File: VL035061.D

Acq: 20 May 2020 2:09

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 74716

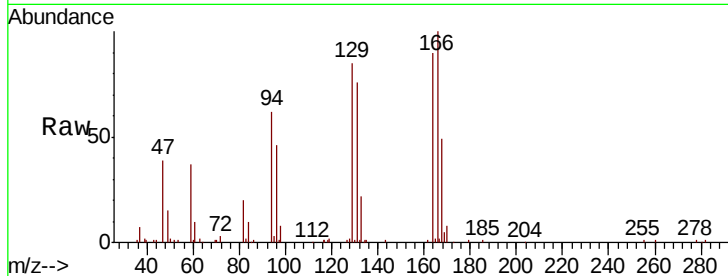
Ion Ratio Lower Upper

164 100

166 109.3 100.7 151.1

129 93.7 83.0 124.4

131 81.5 81.0 121.4

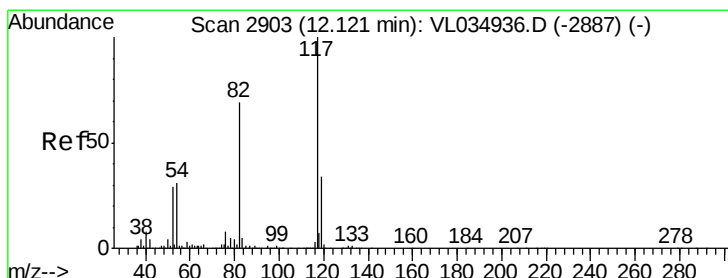
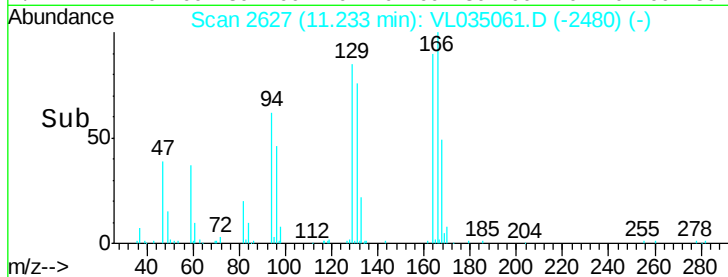
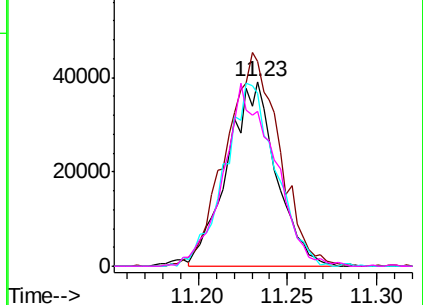


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2894

Delta R.T. -0.03 min

Lab File: VL035061.D

Acq: 20 May 2020 2:09

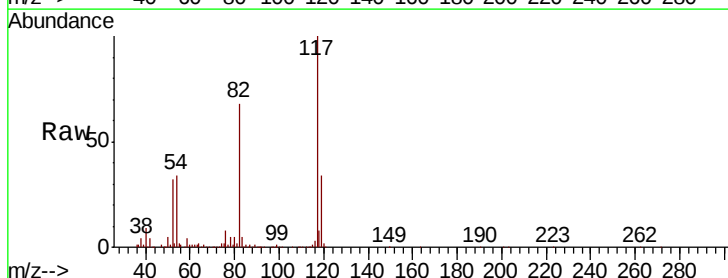
Tgt Ion:117 Resp: 2402028

Ion Ratio Lower Upper

117 100

82 69.9 53.1 79.7

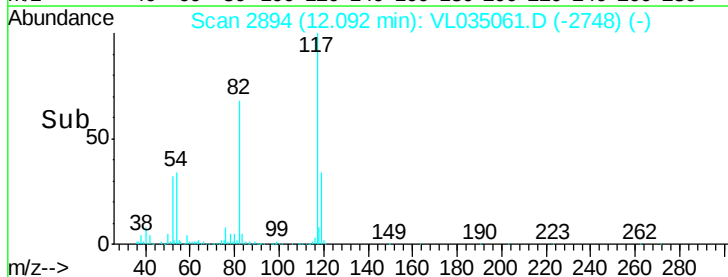
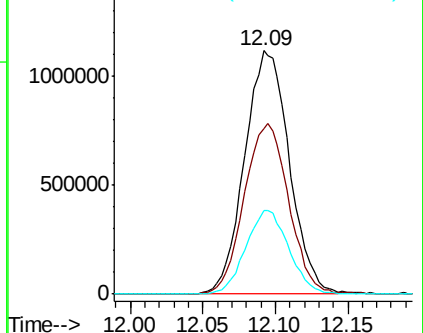
119 33.3 26.7 40.1

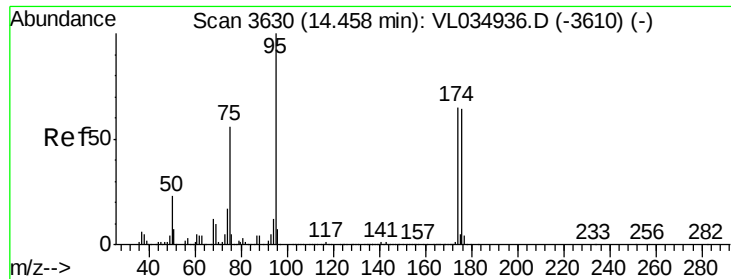


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.421 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. -0.03 min

Lab File: VL035061.D

Acq: 20 May 2020 2:09

Instrument :

MSVOA_L

ClientSampleId :

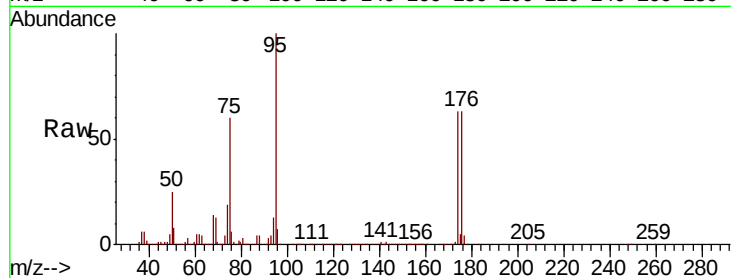
Tot Ion: 95 Resp: 2026214

Ion Ratio Lower Upper

95 100

174 65.0 51.5 77.3

175 4.8 3.8 5.8



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

