

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035039.D
 Acq On : 15 May 2020 9:59
 Operator : SY/AP
 Sample : L2566-07DL2 600X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 15 23:37:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.65	49	1084000	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	2519973	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.11	117	2392351	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2028969	10.48	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

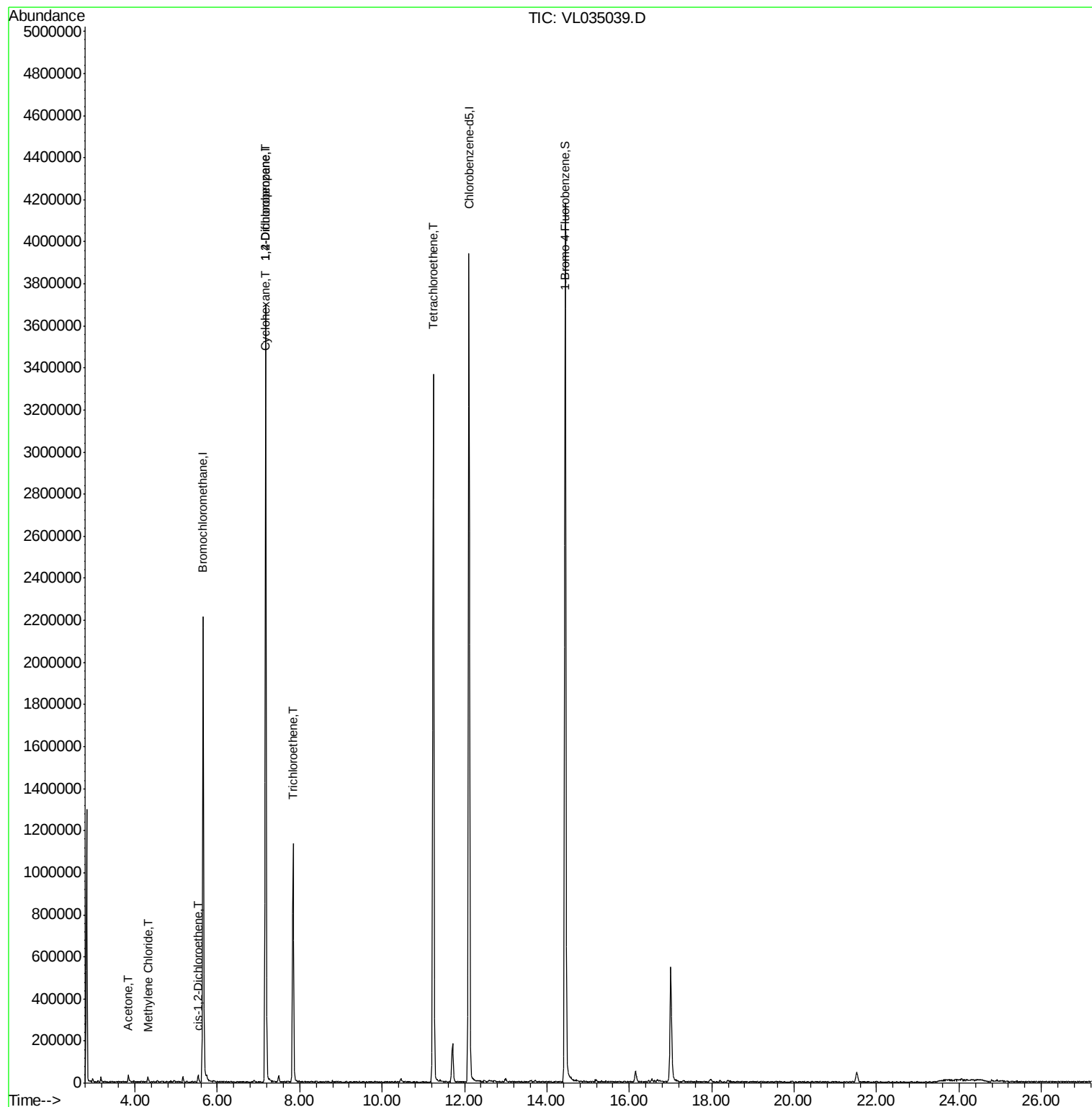
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	28120	0.196	ppbv #	72
20) Methylene Chloride	4.32	84	7711	0.163	ppbv #	68
30) Cyclohexane	7.16	84	4241	0.053	ppbv #	1
31) cis-1,2-Dichloroethene	5.53	61	17555	0.172	ppbv #	77
38) Trichloroethene	7.84	130	327857	4.073	ppbv	98
39) 1,2-Dichloropropane	7.17	63	692591	8.316	ppbv #	25
52) Tetrachloroethene	11.24	164	810148	10.966	ppbv	99

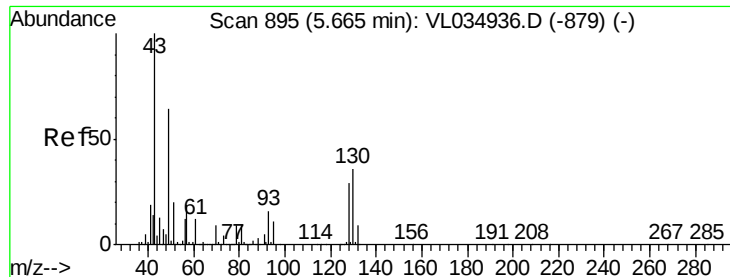
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051420\
Data File : VL035039.D
Acq On : 15 May 2020 9:59
Operator : SY/AP
Sample : L2566-07DL2 600X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampled :

Quant Time: May 15 23:37:59 2020
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

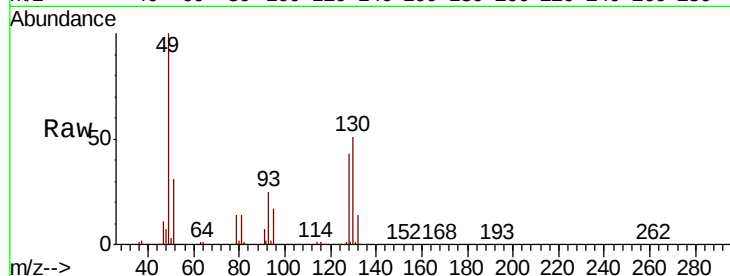
Lab File: VL035039.D

Acq: 15 May 2020 9:59

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1084000

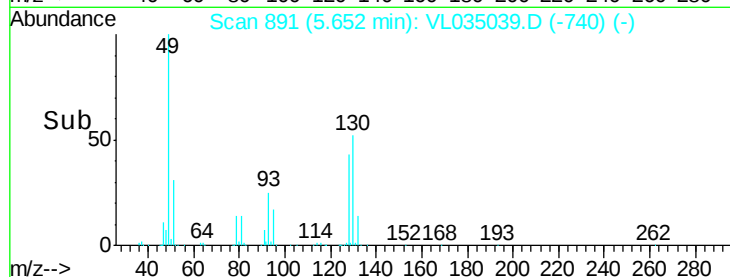
Ion	Ratio	Lower	Upper
49	100		
128	45.0	22.1	66.5
130	58.3	29.1	87.3



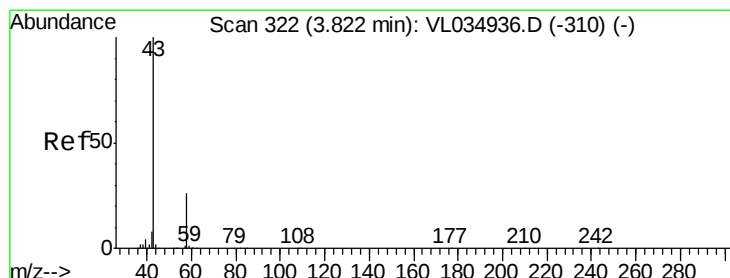
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#15

Acetone

Concen: 0.196 ppbv

RT: 3.84 min Scan# 328

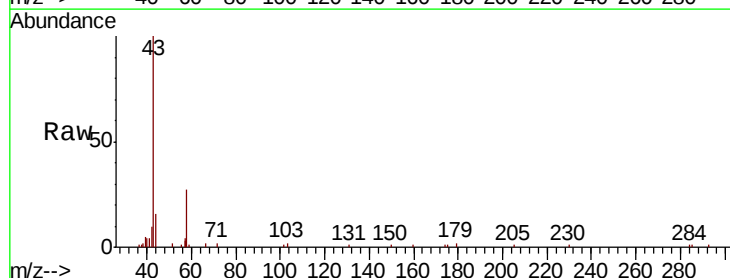
Delta R.T. 0.02 min

Lab File: VL035039.D

Acq: 15 May 2020 9:59

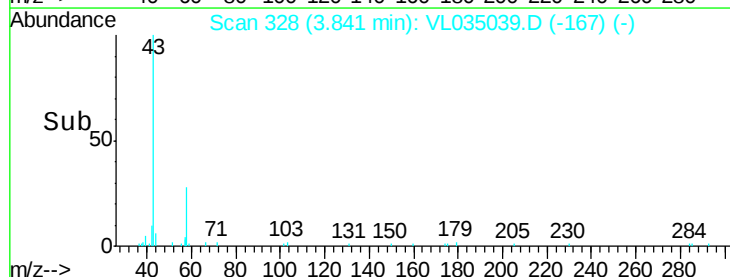
Tgt Ion: 43 Resp: 28120

Ion	Ratio	Lower	Upper
43	100		
58	41.5	21.7	32.5#

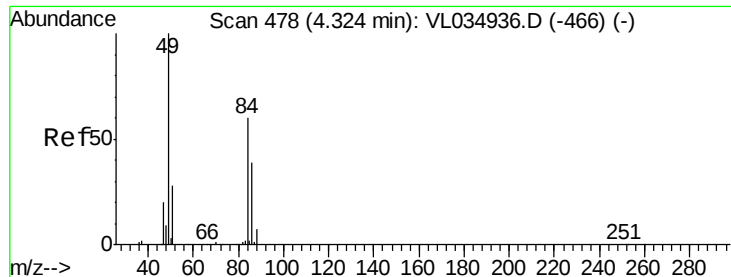


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



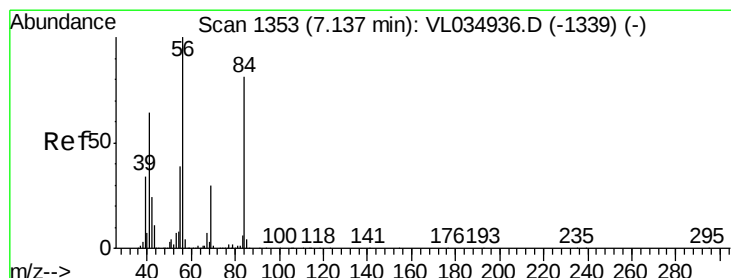
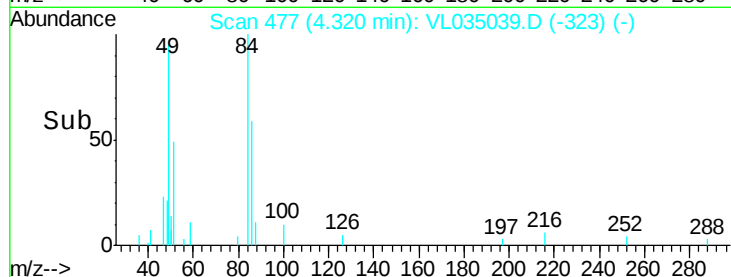
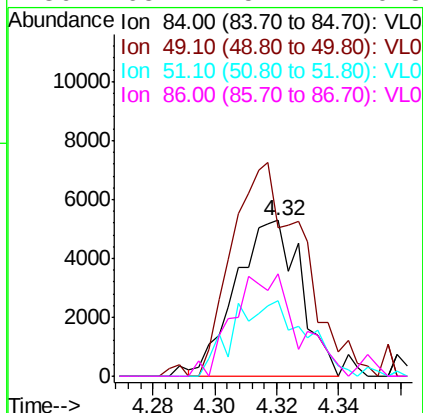
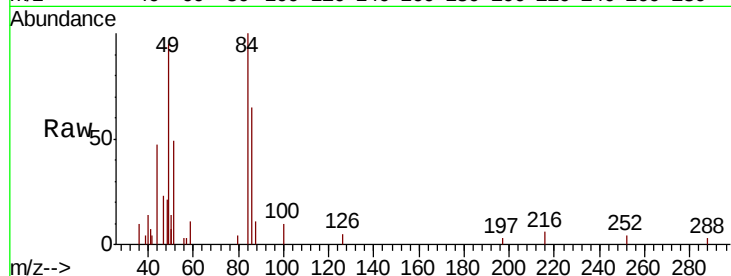
Time-->



#20
Methylene Chloride
Concen: 0.163 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.00 min
Lab File: VL035039.D
Acq: 15 May 2020 9:59

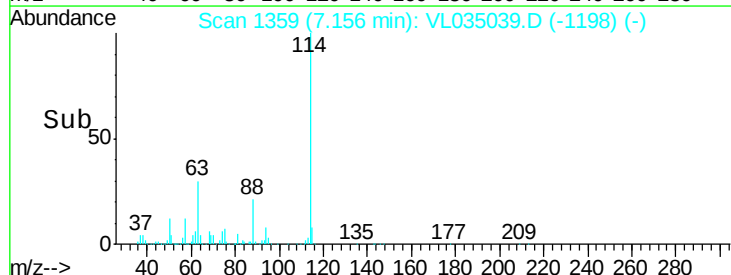
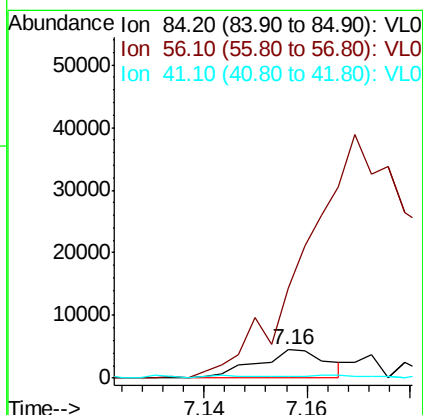
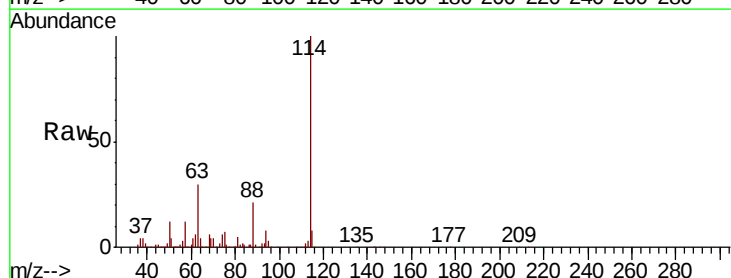
Instrument :
MSVOA_L
ClientSampled :

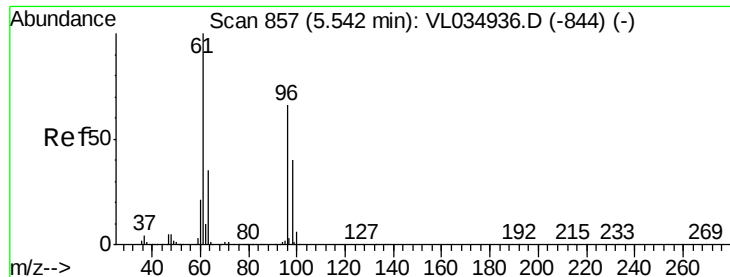
Tot Ion: 84 Resp: 7711
Ion Ratio Lower Upper
84 100
49 95.4 132.5 198.7#
51 48.7 38.4 57.6
86 65.4 51.2 76.8



#30
Cyclohexane
Concen: 0.053 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.02 min
Lab File: VL035039.D
Acq: 15 May 2020 9:59

Tgt Ion: 84 Resp: 4241
Ion Ratio Lower Upper
84 100
56 0.0 111.4 167.2#
41 11.5 66.7 100.1#



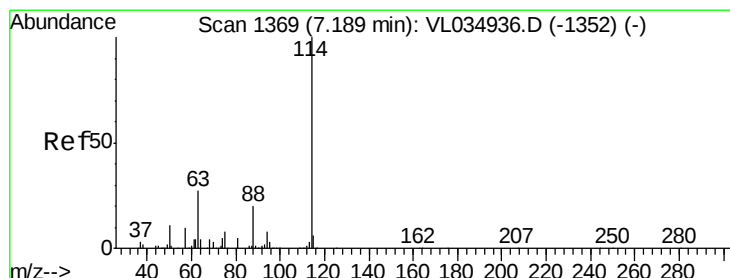
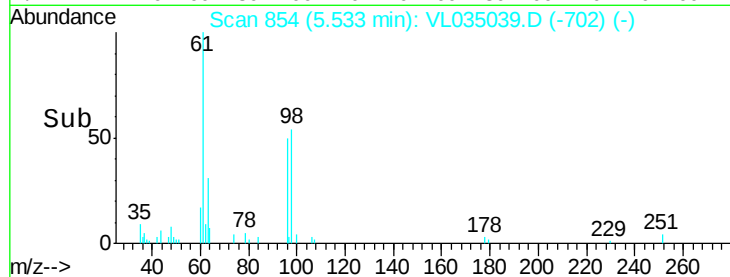
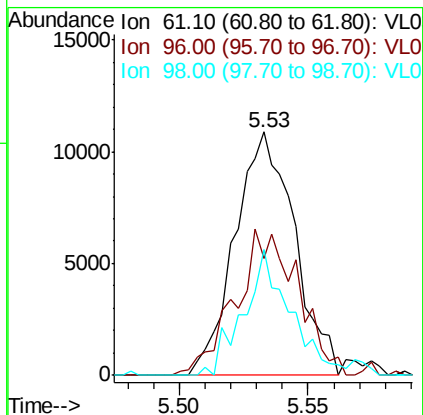
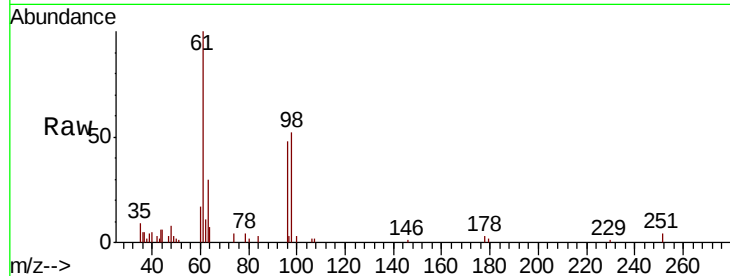


#31

cis-1,2-Dichloroethene
 Concen: 0.172 ppbv
 RT: 5.53 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VL035039.D
 Acq: 15 May 2020 9:59

Instrument :
 MSVOA_L
 ClientSampleId :

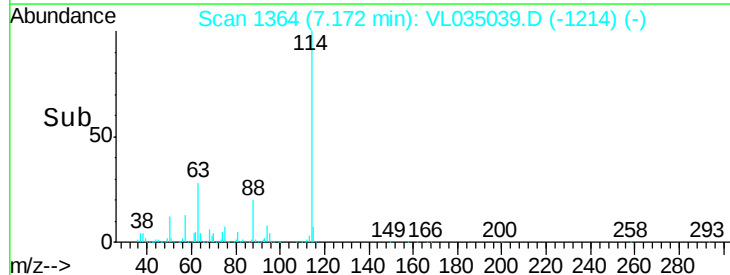
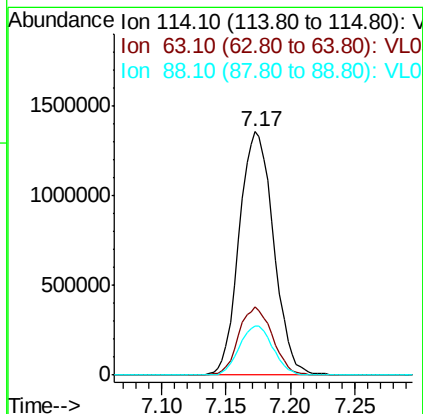
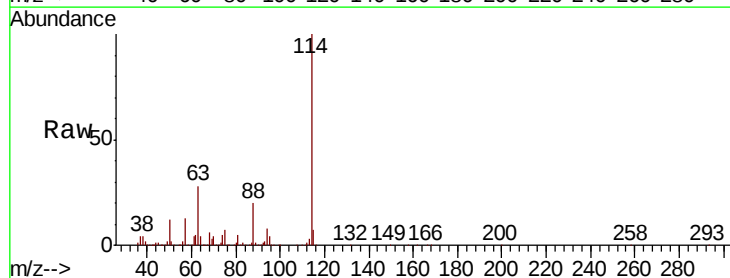
Tot Ion	Ratio	Lower	Upper
61	100		
96	45.9	53.0	79.6#
98	51.8	32.2	48.2#

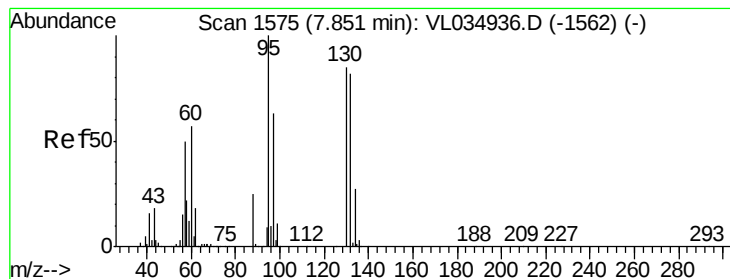


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.02 min
 Lab File: VL035039.D
 Acq: 15 May 2020 9:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.2	33.4
88	19.8	15.5	23.3





#38

Trichloroethene

Concen: 4.073 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VL035039.D

Acq: 15 May 2020 9:59

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:130 Resp: 327857

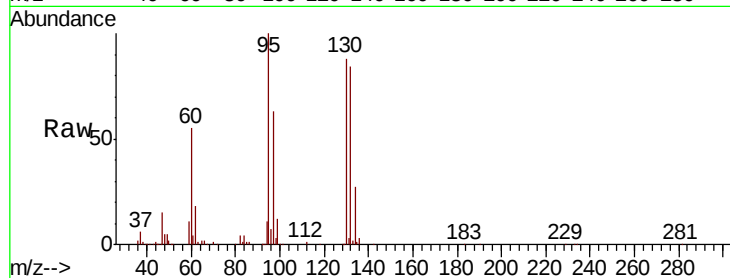
Ion Ratio Lower Upper

130 100

95 113.7 93.4 140.0

132 95.7 76.4 114.6

97 71.9 58.5 87.7

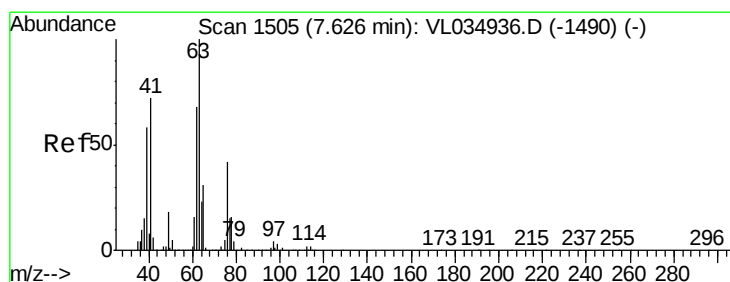
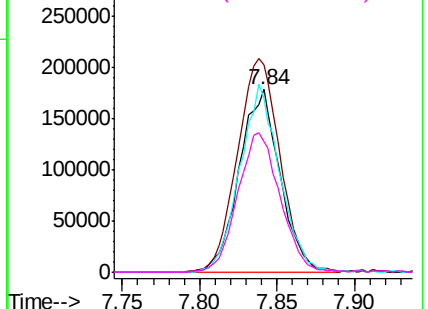
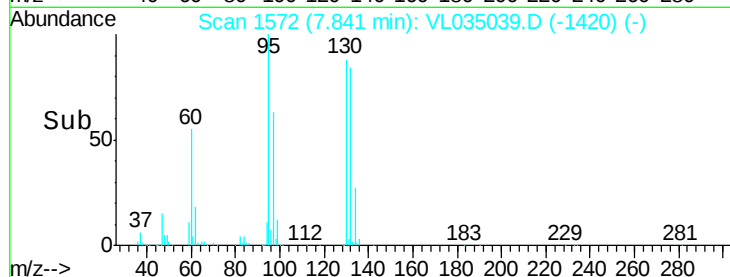


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 8.316 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.45 min

Lab File: VL035039.D

Acq: 15 May 2020 9:59

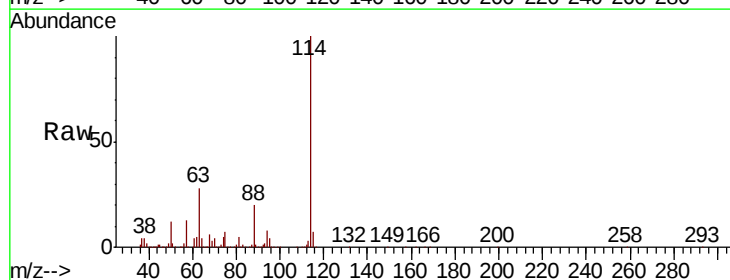
Tgt Ion: 63 Resp: 692591

Ion Ratio Lower Upper

63 100

41 0.1 57.8 86.8#

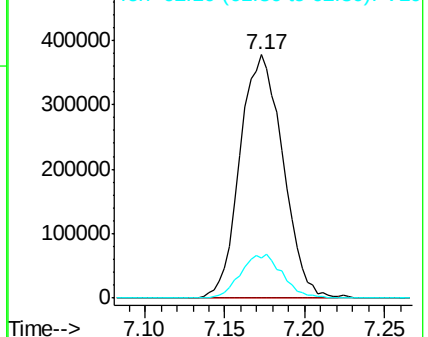
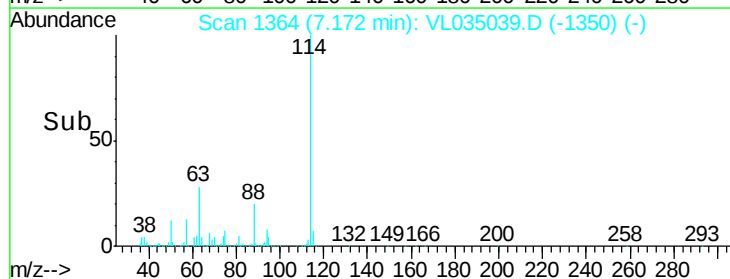
62 16.5 54.2 81.2#

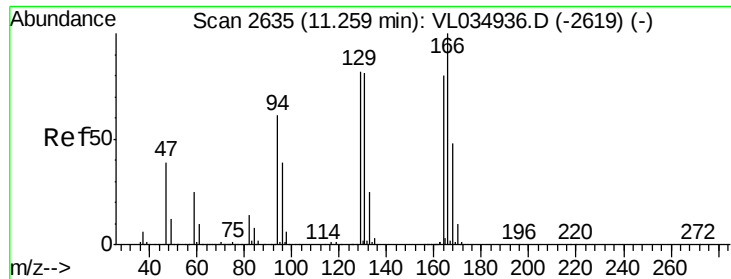


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#52

Tetrachloroethene

Concen: 10.966 ppbv

RT: 11.24 min Scan# 2630

Delta R.T. -0.02 min

Lab File: VL035039.D

Acq: 15 May 2020 9:59

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 810148

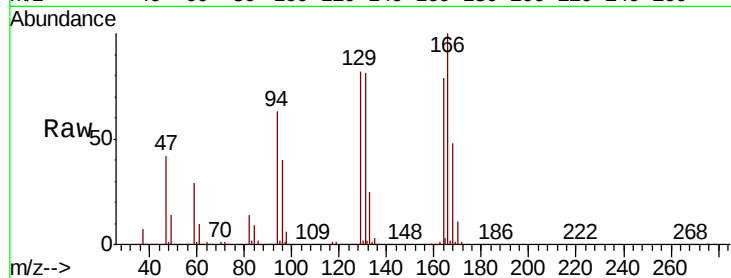
Ion Ratio Lower Upper

164 100

166 126.9 100.7 151.1

129 104.6 83.0 124.4

131 102.9 81.0 121.4

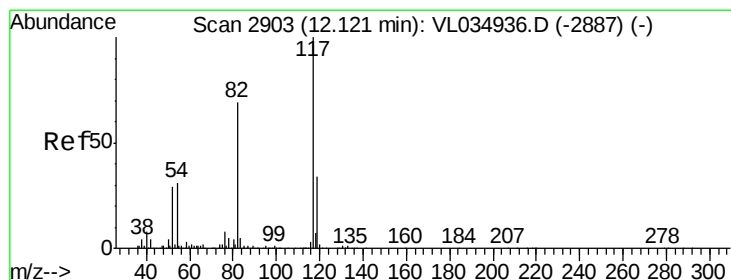
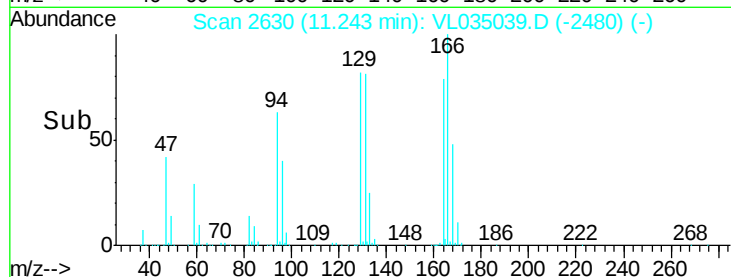
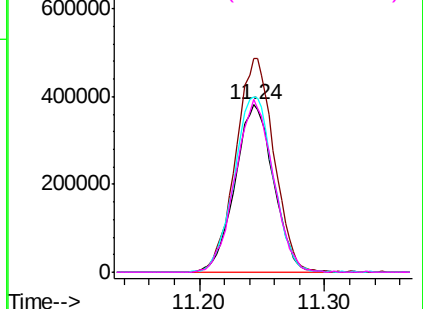


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.11 min Scan# 2899

Delta R.T. -0.01 min

Lab File: VL035039.D

Acq: 15 May 2020 9:59

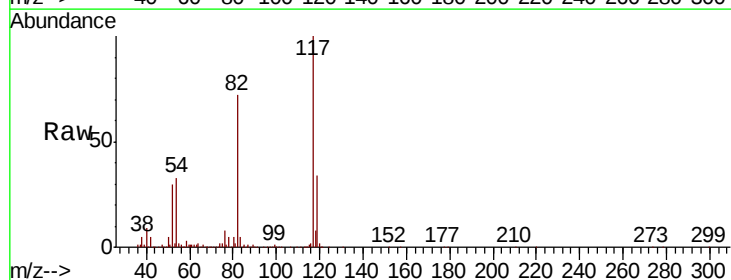
Tgt Ion:117 Resp: 2392351

Ion Ratio Lower Upper

117 100

82 69.6 53.1 79.7

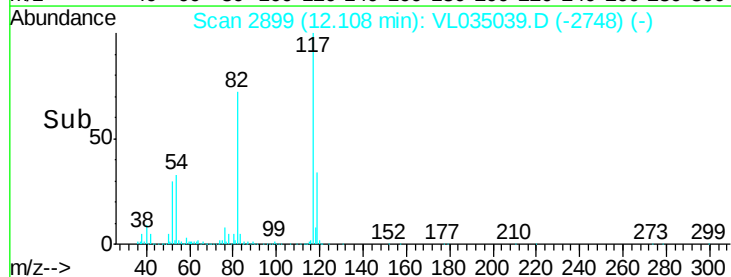
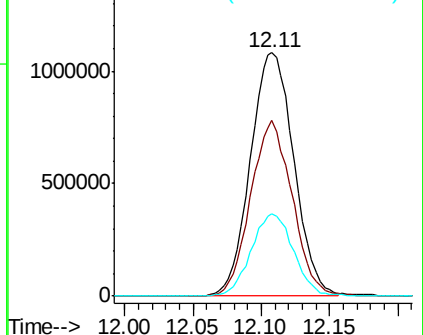
119 33.0 26.7 40.1

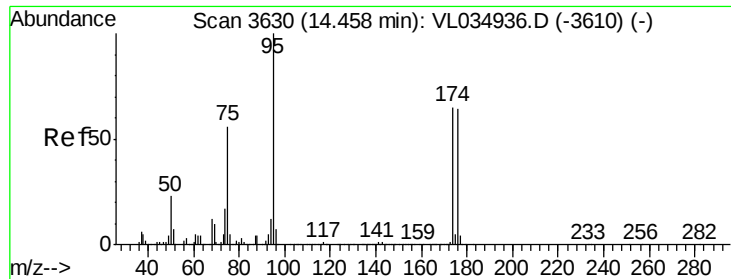


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.478 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. -0.01 min

Lab File: VL035039.D

Acq: 15 May 2020 9:59

Instrument :

MSVOA_L

ClientSampleId :

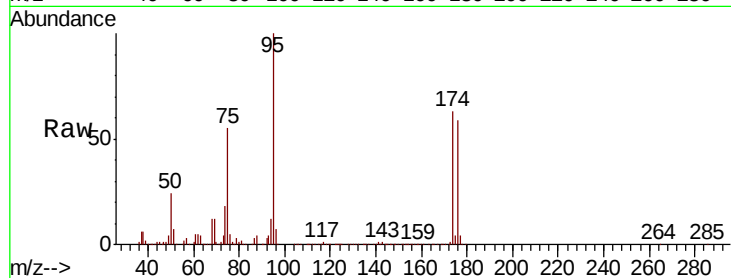
Tot Ion: 95 Resp: 2028969

Ion Ratio Lower Upper

95 100

174 64.3 51.5 77.3

175 4.9 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

