

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035032.D
 Acq On : 14 May 2020 22:51
 Operator : SY/AP
 Sample : L2566-04DL2 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DL2

Quant Time: May 18 10:57:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	1154604	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2630777	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.11	117	2516803	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2099240	10.30	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

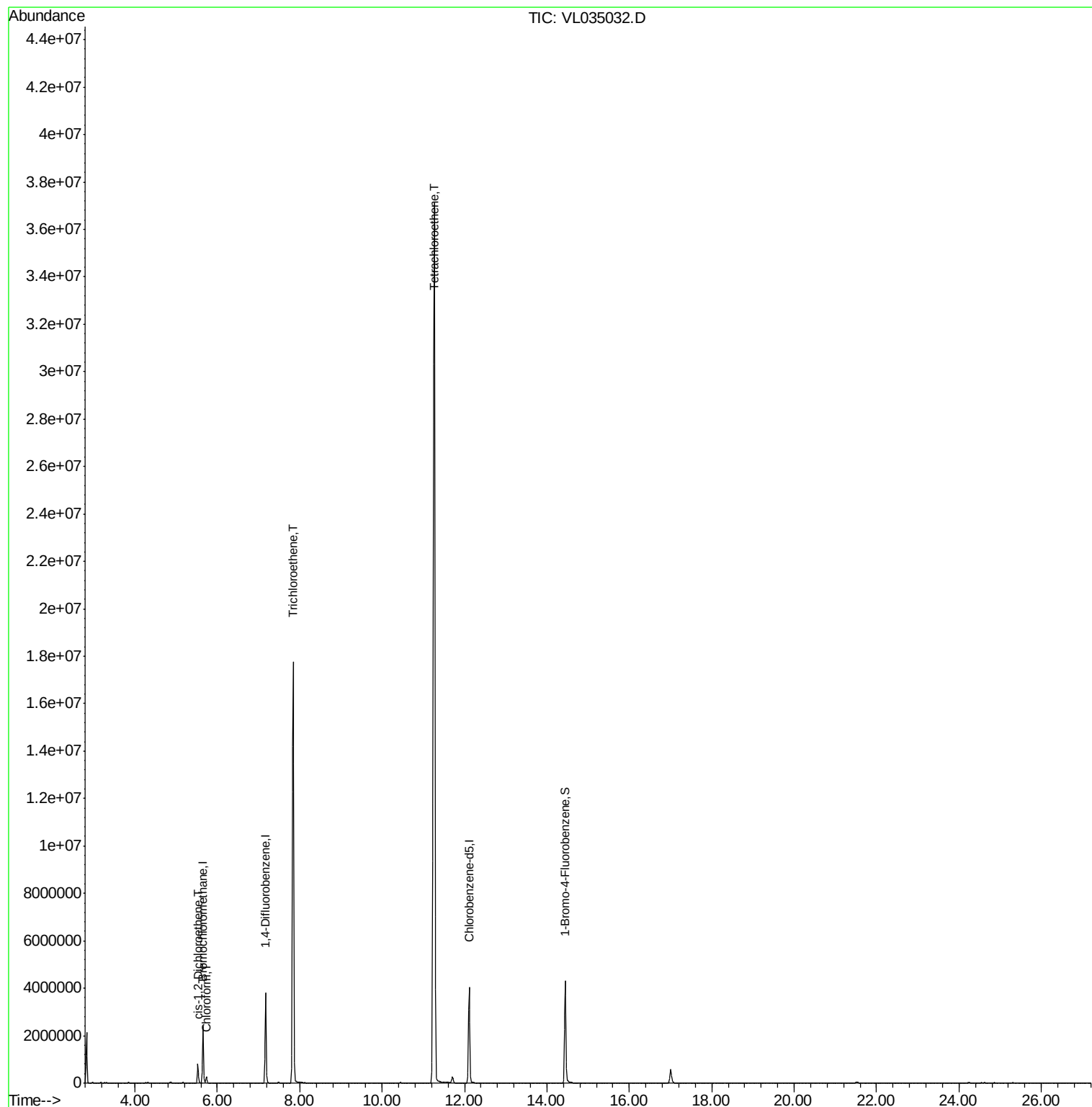
Target Compounds					Ovalue
29) Chloroform	5.74	83	174757	0.961	ppbv 94
31) cis-1,2-Dichloroethene	5.53	61	438892	4.047	ppbv 97
38) Trichloroethene	7.84	130	6164899	73.368	ppbv 95
52) Tetrachloroethene	11.27	164	12351719	160.153	ppbv 91

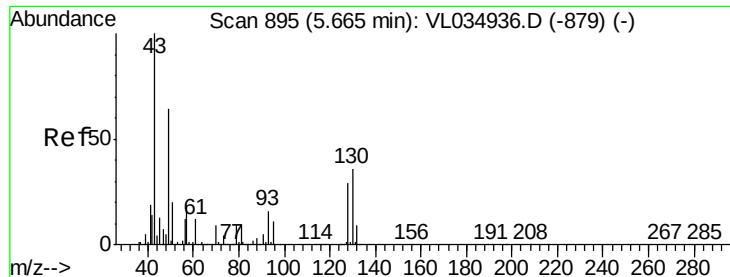
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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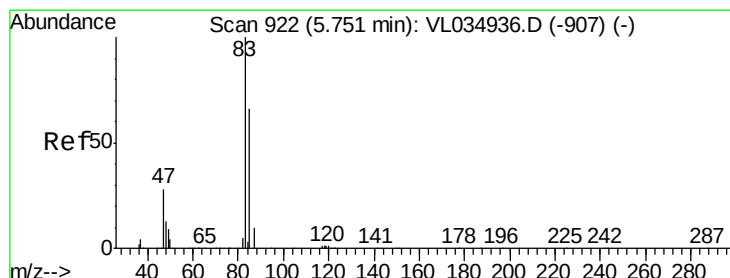
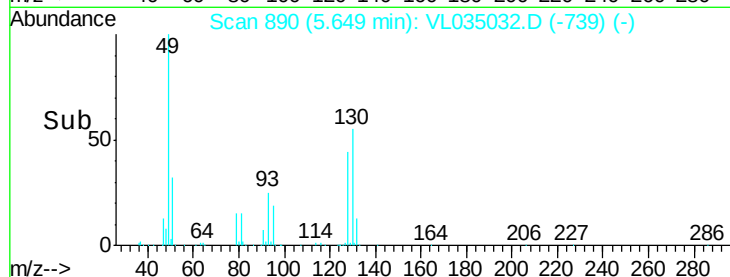
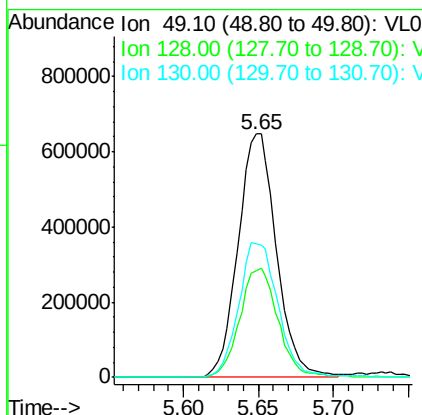
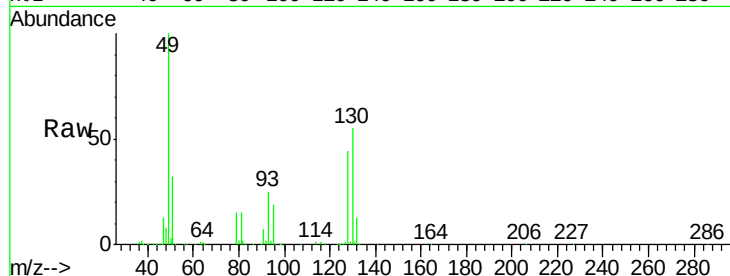




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: VL035032.D
 Acq: 14 May 2020 22:51

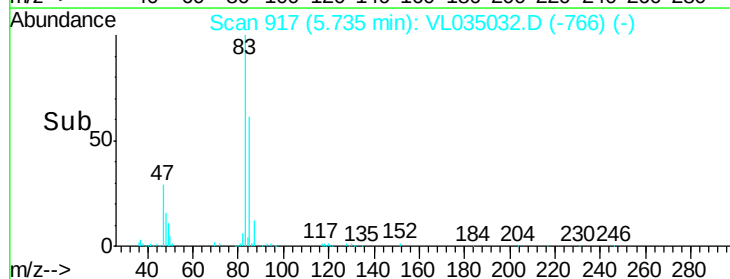
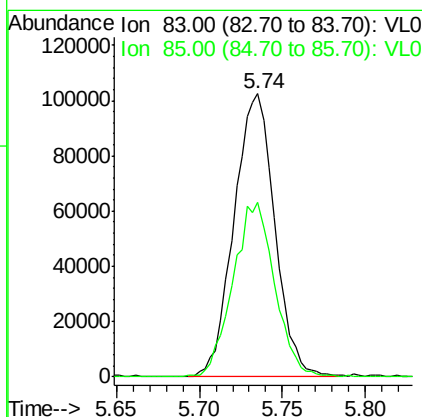
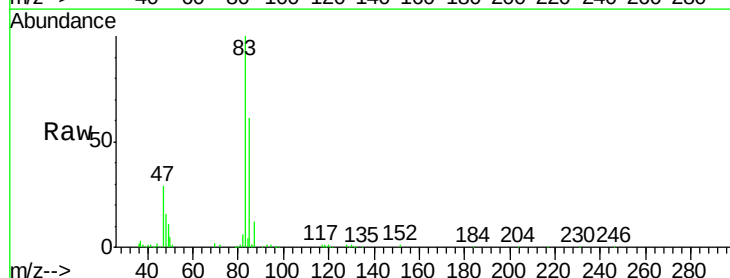
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DL2

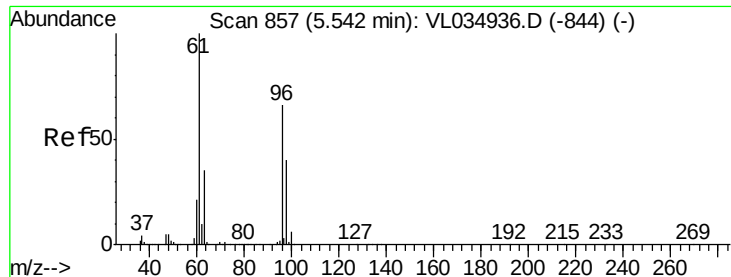
Tot Ion: 49 Resp: 1154604
 Ion Ratio Lower Upper
 49 100
 128 44.9 22.1 66.5
 130 56.9 29.1 87.3



#29
 Chloroform
 Concen: 0.961 ppbv
 RT: 5.74 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: VL035032.D
 Acq: 14 May 2020 22:51

Tgt Ion: 83 Resp: 174757
 Ion Ratio Lower Upper
 83 100
 85 61.5 53.0 79.6



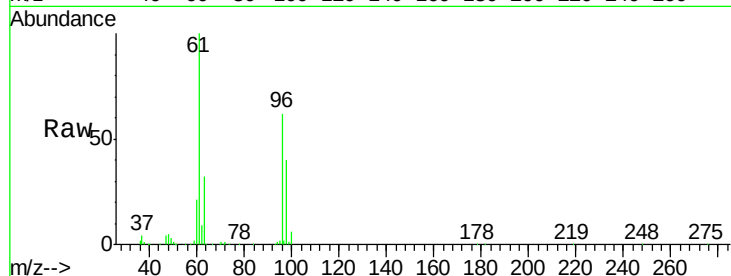


#31

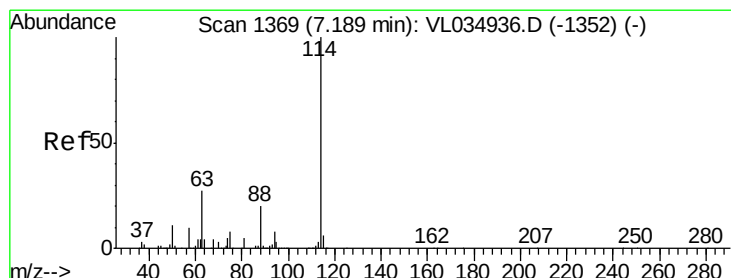
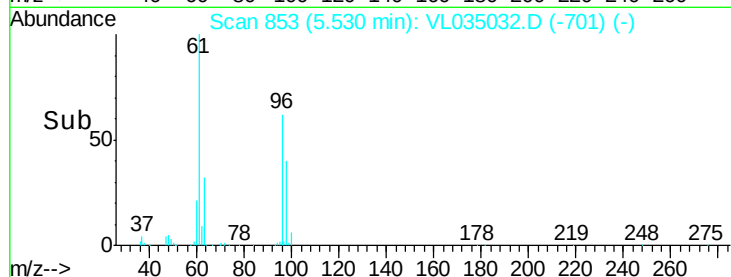
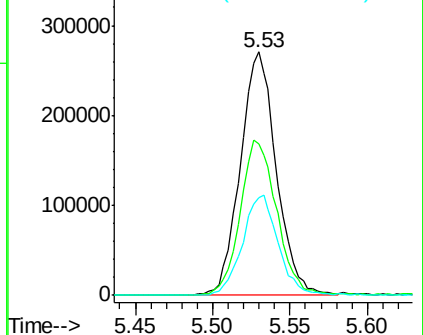
cis-1,2-Dichloroethene
 Concen: 4.047 ppbv
 RT: 5.53 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VL035032.D
 Acq: 14 May 2020 22:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DL2

Tot Ion	Ratio	Lower	Upper
61	100		
96	62.4	53.0	79.6
98	40.3	32.2	48.2



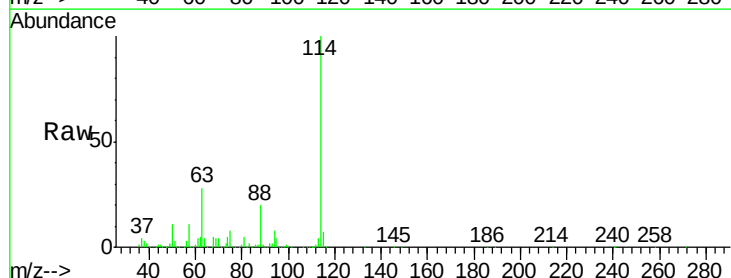
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



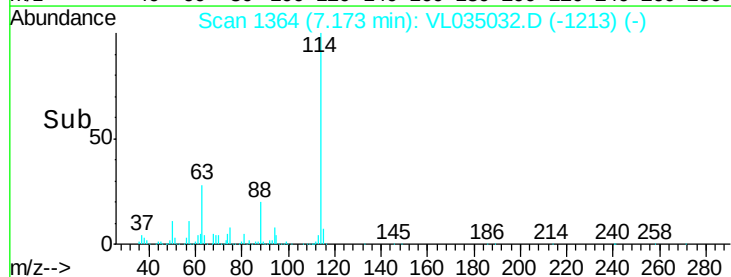
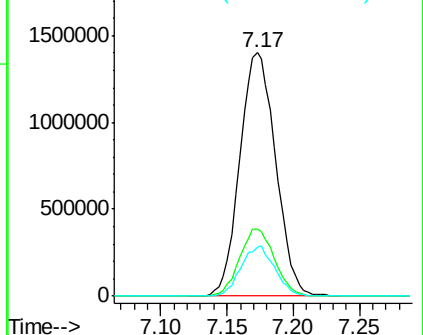
#33

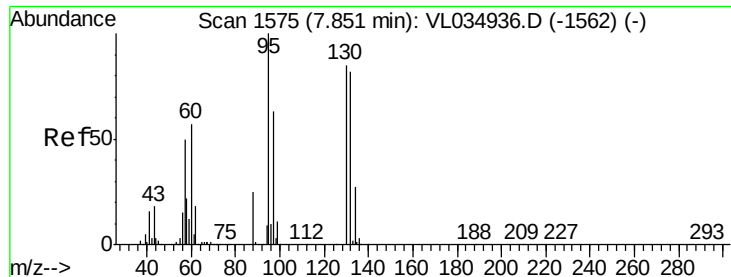
1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.02 min
 Lab File: VL035032.D
 Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.2	33.4
88	19.6	15.5	23.3



Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0





#38

Trichloroethene

Concen: 73.368 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. -0.01 min

Lab File: VL035032.D

Acq: 14 May 2020 22:51

Instrument :

MSVOA_L

ClientSampleId :

SG-2DL2

Tot Ion:130 Resp: 6164899

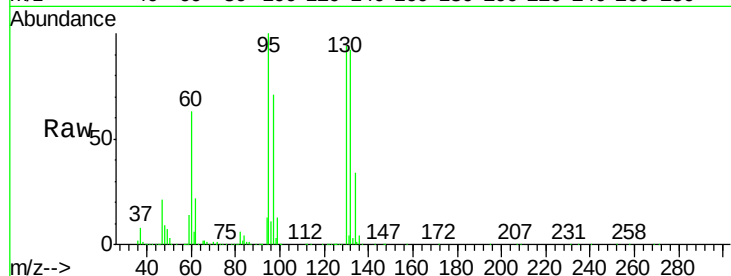
Ion Ratio Lower Upper

130 100

95 106.4 93.4 140.0

132 97.8 76.4 114.6

97 75.8 58.5 87.7

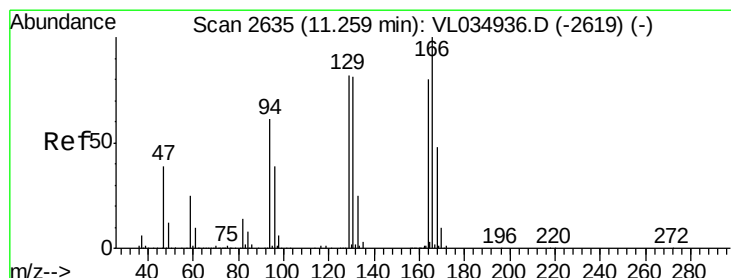
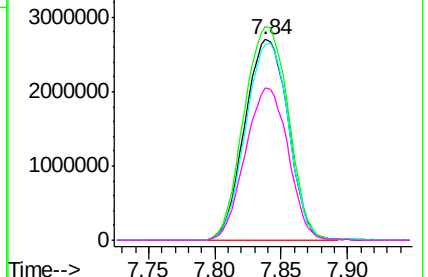
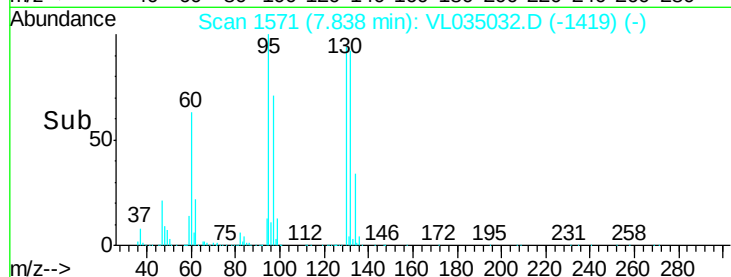


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): V

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): V



#52

Tetrachloroethene

Concen: 160.153 ppbv

RT: 11.27 min Scan# 2638

Delta R.T. 0.01 min

Lab File: VL035032.D

Acq: 14 May 2020 22:51

Tgt Ion:164 Resp:12351719

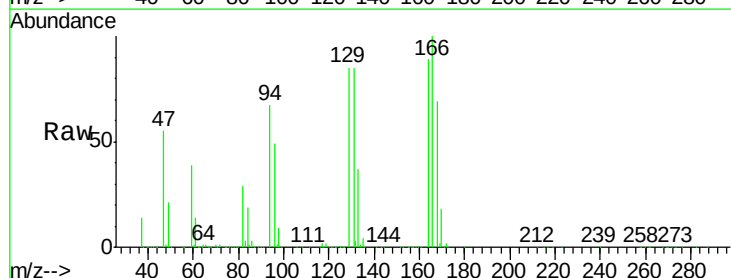
Ion Ratio Lower Upper

164 100

166 112.1 100.7 151.1

129 95.2 83.0 124.4

131 94.8 81.0 121.4

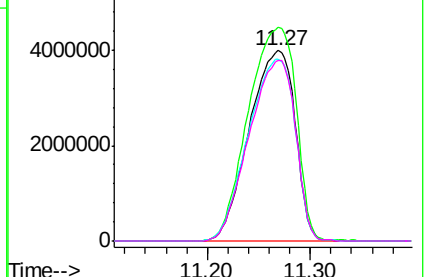
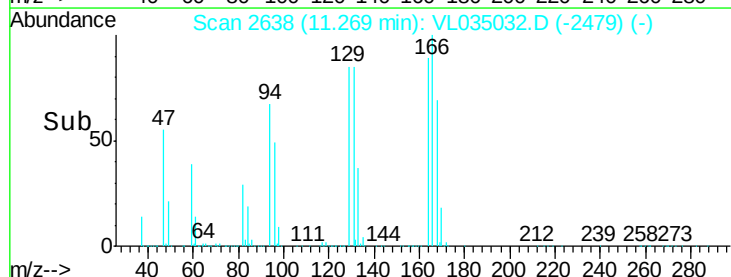


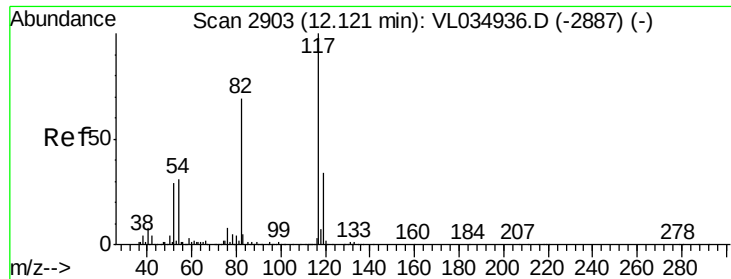
Abundance Ion 163.90 (163.60 to 164.60): V

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

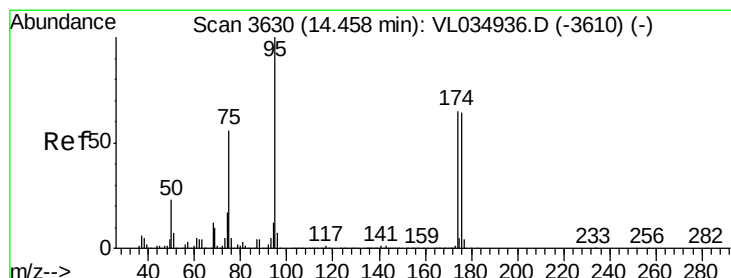
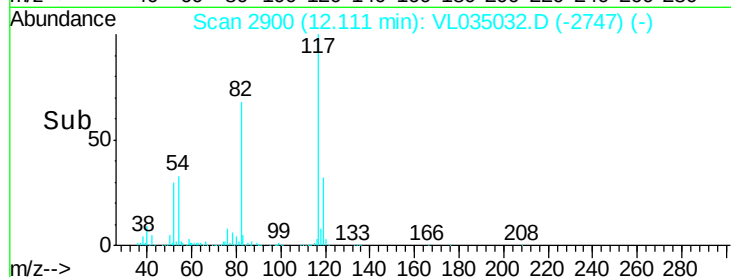
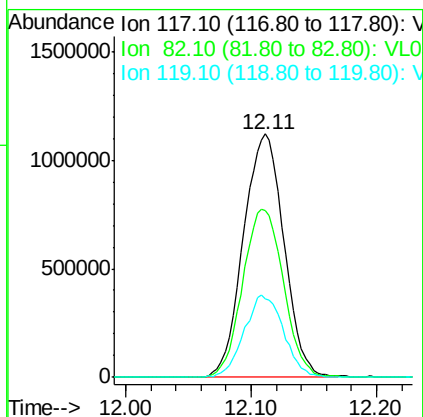
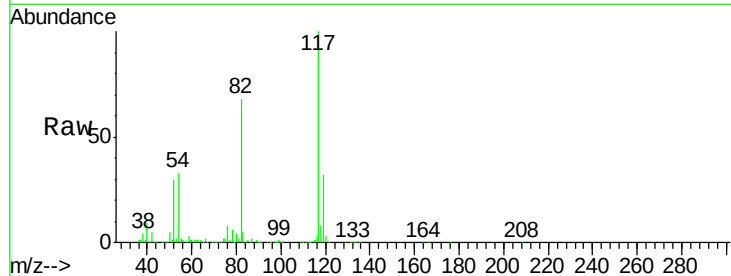




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL035032.D
Acq: 14 May 2020 22:51

Instrument :
MSVOA_L
ClientSampled :
SG-2DL2

Tot Ion:117 Resp: 2516803
Ion Ratio Lower Upper
117 100
82 69.9 53.1 79.7
119 33.0 26.7 40.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.304 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.02 min
Lab File: VL035032.D
Acq: 14 May 2020 22:51

Tgt Ion: 95 Resp: 2099240
Ion Ratio Lower Upper
95 100
174 65.1 51.5 77.3
175 5.0 3.8 5.8

