

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082020\
 Data File : VL035486.D
 Acq On : 20 Aug 2020 22:25
 Operator : SY/AP
 Sample : L3743-02DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-2DL

Quant Time: Aug 21 09:57:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1007848	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4424469	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4404152	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3107965	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

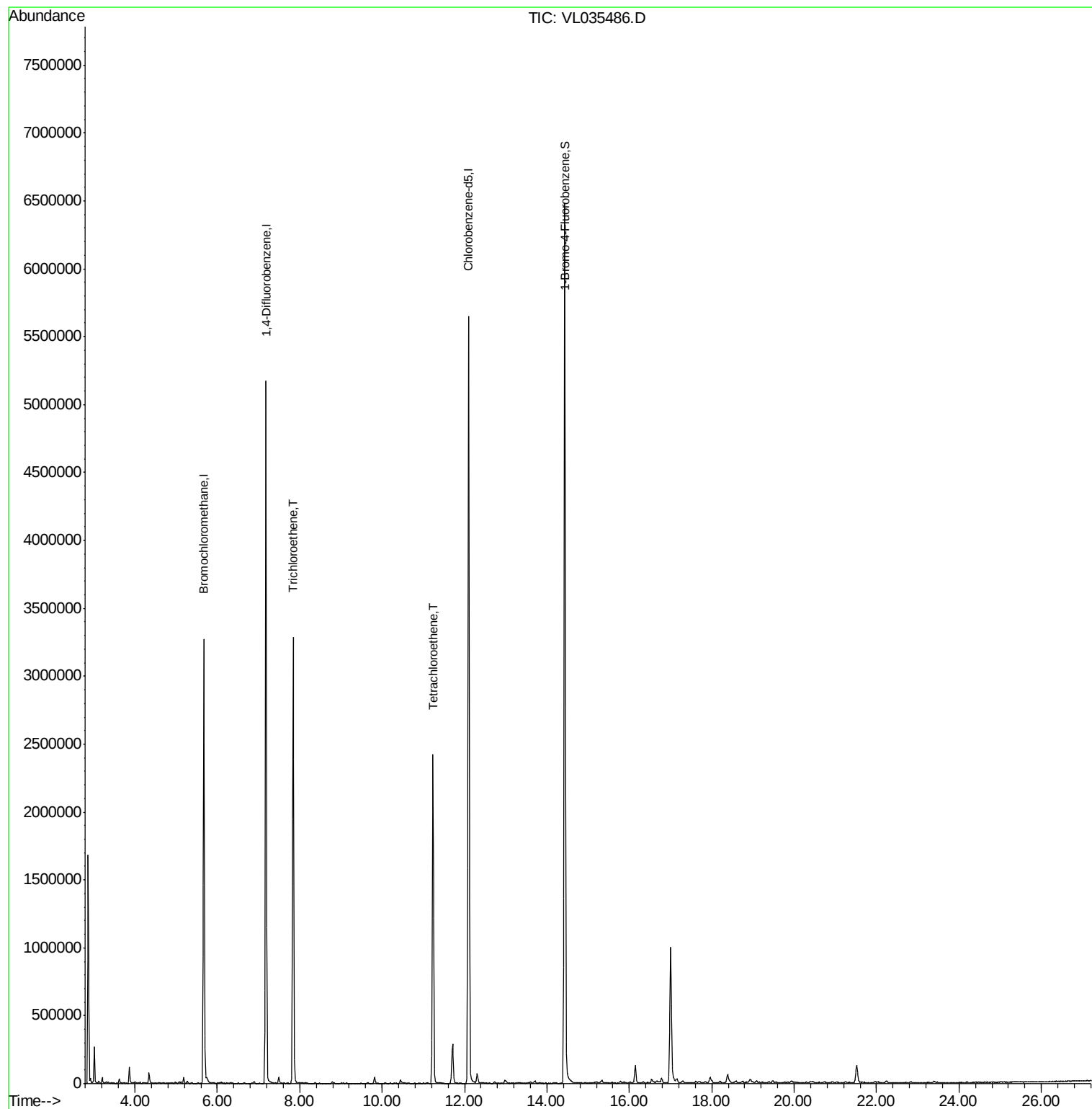
Target Compounds					Ovalue
38) Trichloroethene	7.84	130	1200231	6.644 ppbv #	82
52) Tetrachloroethene	11.24	164	730218	3.687 ppbv #	84

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

SSMP-2DL

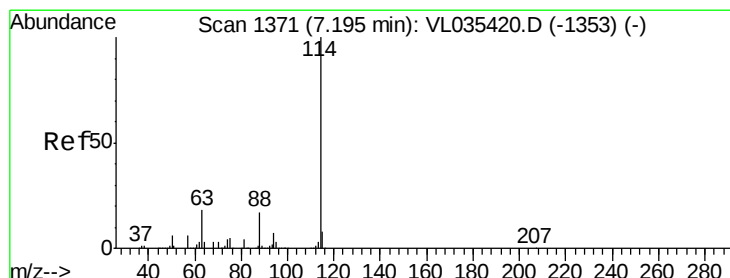
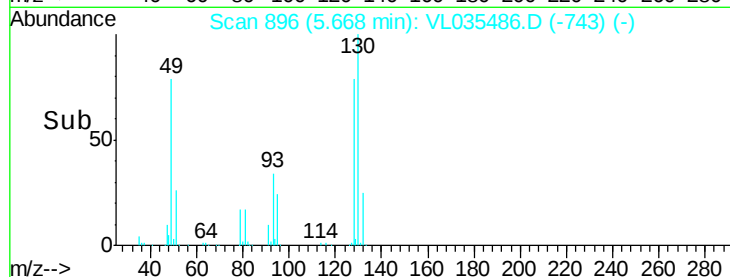
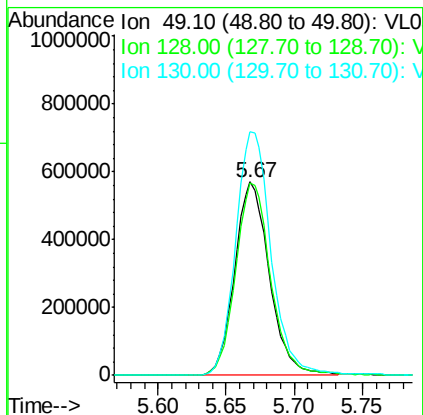
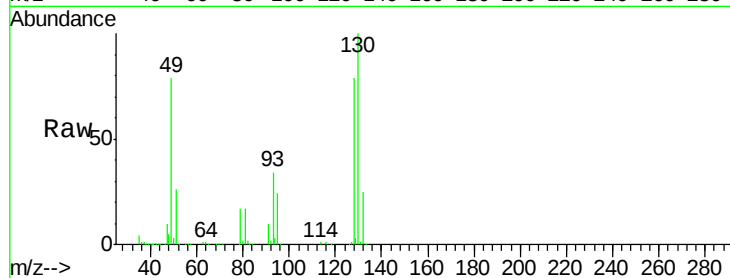
Tot Ion: 49 Resp: 1007848

Ion Ratio Lower Upper

49 100

128 101.4 20.9 62.7#

130 129.6 26.7 80.1#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VL035486.D

Acq: 20 Aug 2020 22:25

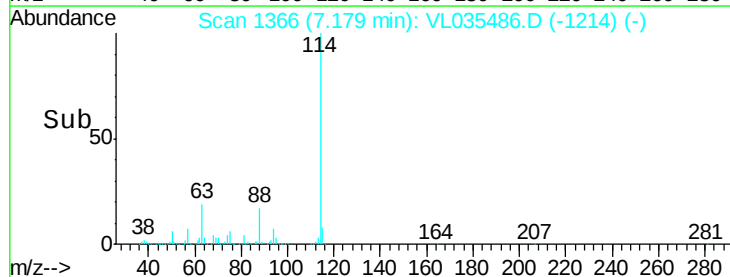
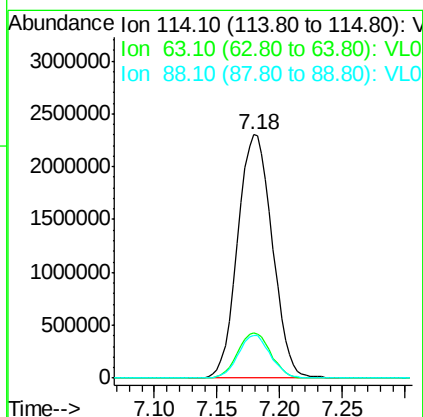
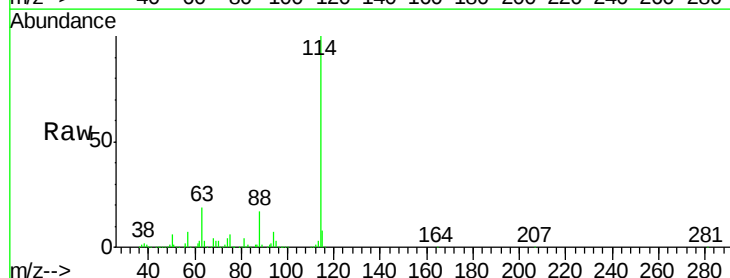
Tgt Ion: 114 Resp: 4424469

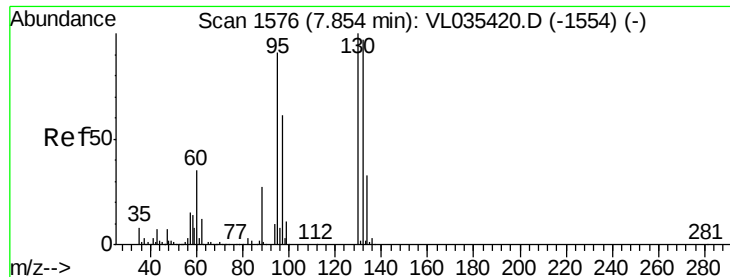
Ion Ratio Lower Upper

114 100

63 17.7 23.1 34.7#

88 16.5 15.9 23.9





#38

Trichloroethene

Concen: 6.644 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VL035486.D

Acq: 20 Aug 2020 22:25

Instrument :

MSVOA_L

ClientSampleId :

SSMP-2DL

Tot Ion:130 Resp: 1200231

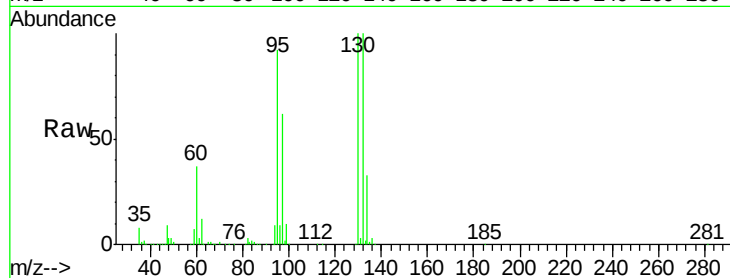
Ion Ratio Lower Upper

130 100

95 92.4 95.8 143.8#

132 100.2 74.3 111.5

97 61.8 62.6 94.0#

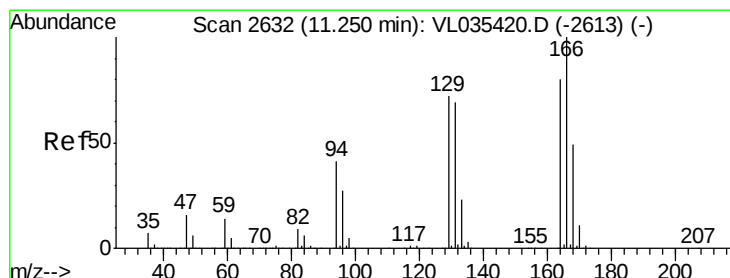
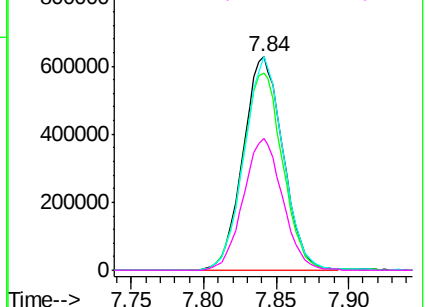
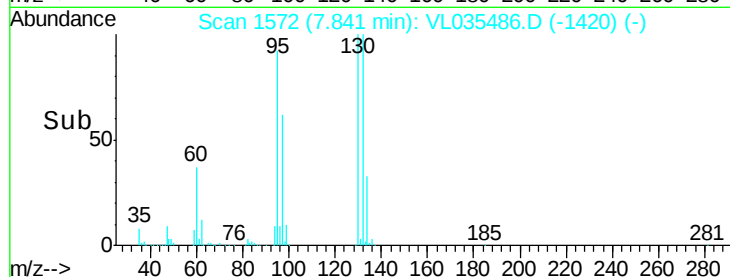


Abundance Ion 130.00 (129.70 to 130.70): V

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



#52

Tetrachloroethene

Concen: 3.687 ppbv

RT: 11.24 min Scan# 2628

Delta R.T. -0.01 min

Lab File: VL035486.D

Acq: 20 Aug 2020 22:25

Tgt Ion:164 Resp: 730218

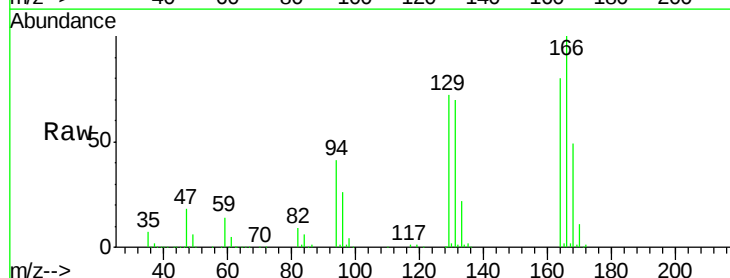
Ion Ratio Lower Upper

164 100

166 124.9 103.4 155.0

129 89.9 90.2 135.4#

131 87.0 91.7 137.5#

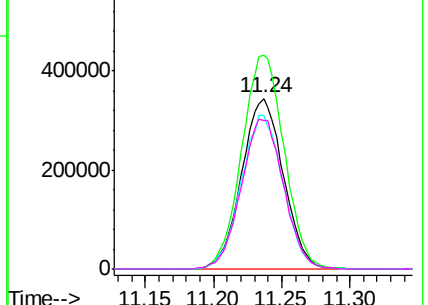
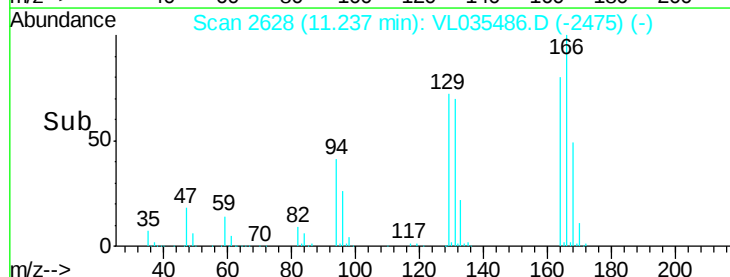


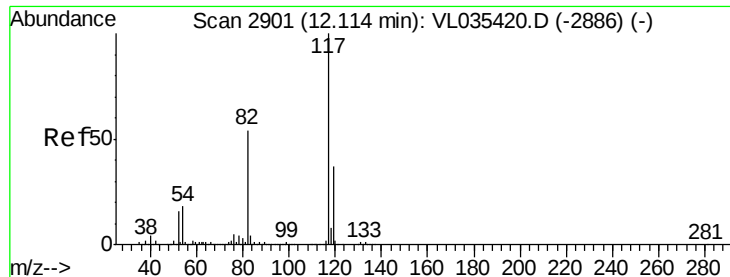
Abundance Ion 163.90 (163.60 to 164.60): V

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

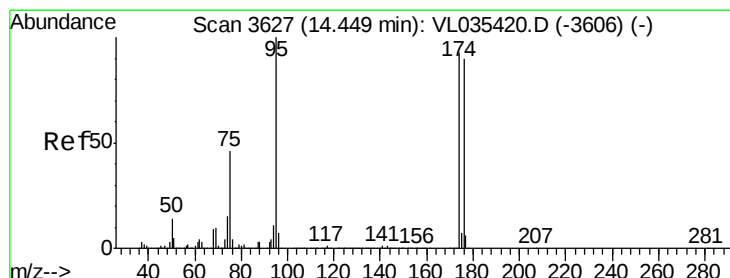
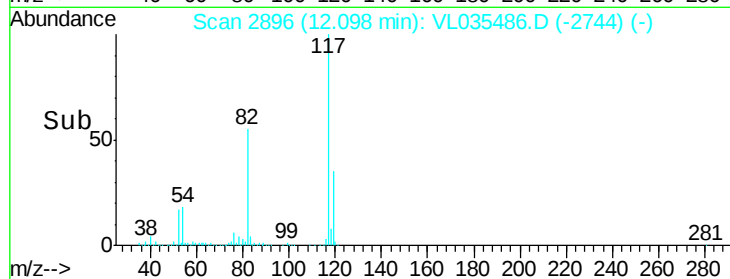
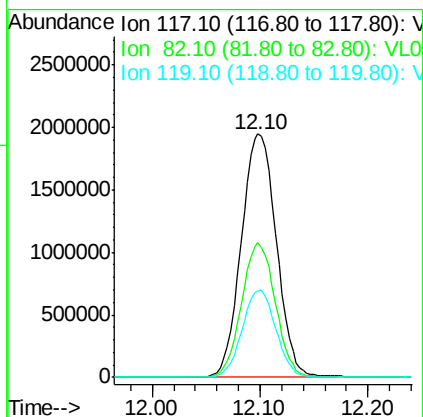
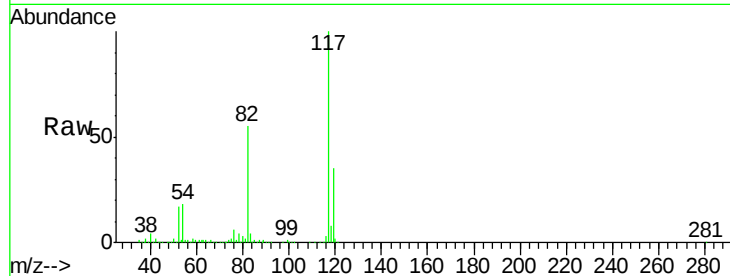




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.01 min
Lab File: VL035486.D
Acq: 20 Aug 2020 22:25

Instrument :
MSVOA_L
ClientSampleId :
SSMP-2DL

Tot Ion:117 Resp: 4404152
Ion Ratio Lower Upper
117 100
82 53.7 57.4 86.0#
119 34.6 28.4 42.6



#68
1-Bromo-4-Fluorobenzene
Concen: 10.080 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL035486.D
Acq: 20 Aug 2020 22:25

Tgt Ion: 95 Resp: 3107965
Ion Ratio Lower Upper
95 100
174 92.1 44.0 66.0#
175 6.8 3.2 4.8#

