

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035554.D
 Acq On : 8 Sep 2020 13:16
 Operator : SY/AP
 Sample : VL0908ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABL01

Quant Time: Sep 09 02:46:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1145002	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4784719	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4903063	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3571957	10.26	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

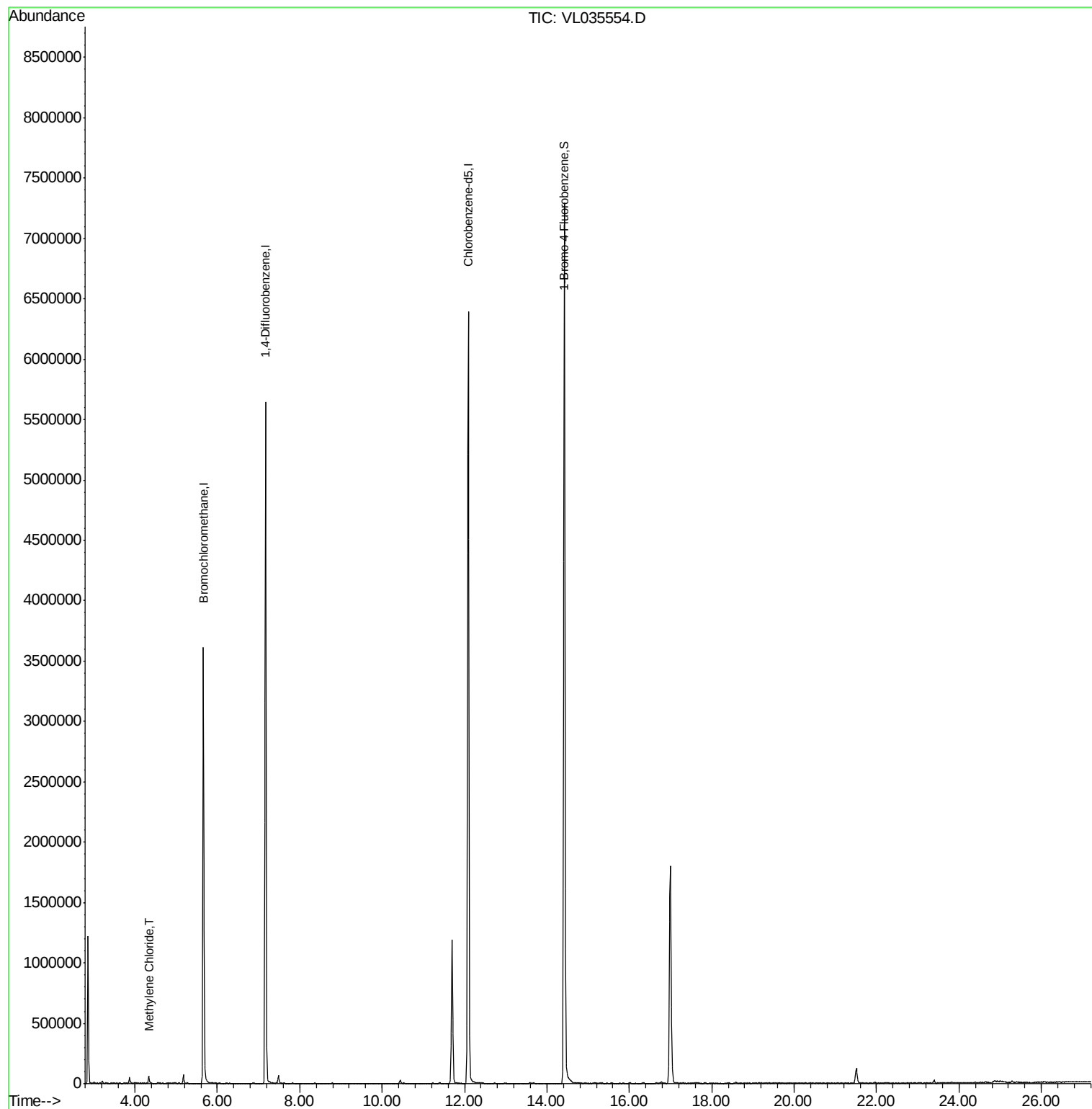
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.34	84	25652	0.273	ppbv	# 94

(#) = 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

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ClientSampleId :

VL0908ABL01

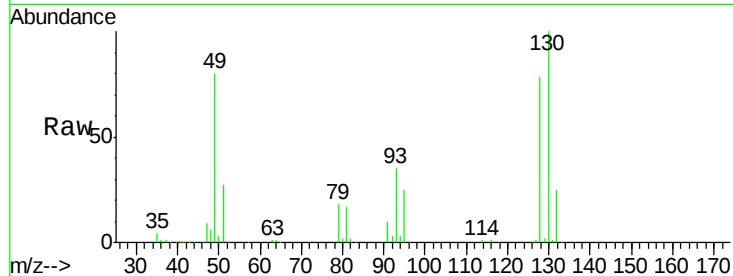
Tot Ion: 49 Resp: 1145002

Ion Ratio Lower Upper

49 100

128 97.3 50.0 150.1

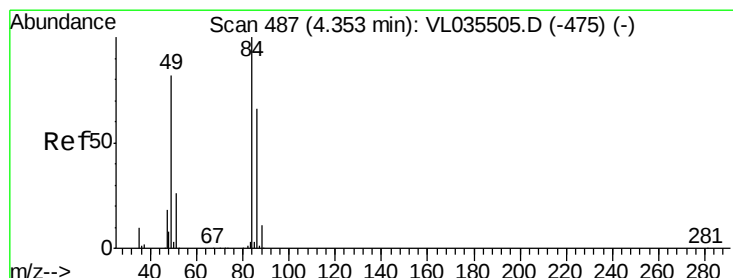
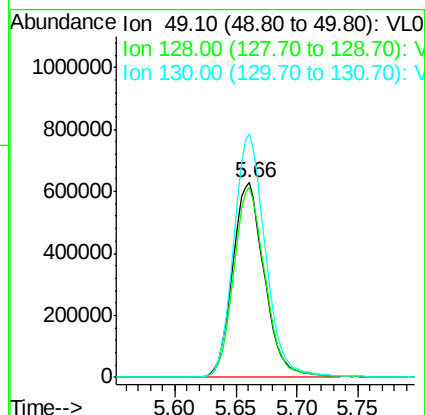
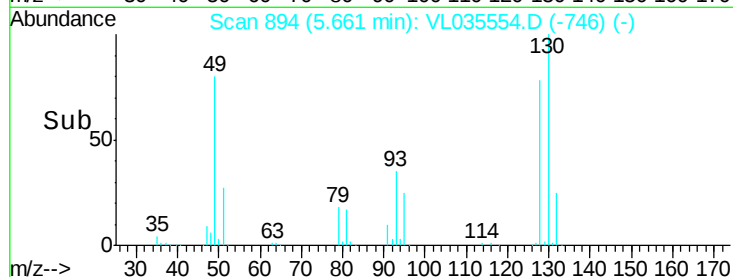
130 124.7 64.4 193.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.273 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.02 min

Lab File: VL035554.D

Acq: 8 Sep 2020 13:16

Tgt Ion: 84 Resp: 25652

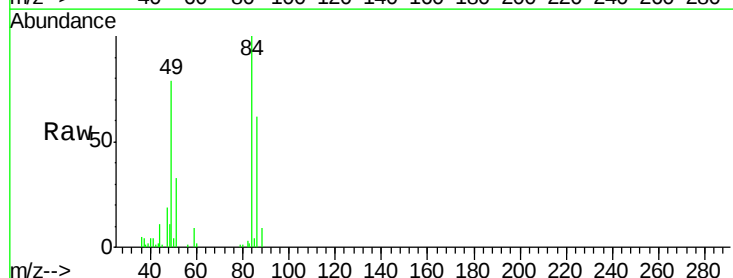
Ion Ratio Lower Upper

84 100

49 79.3 65.4 98.0

51 33.3 21.5 32.3#

86 61.1 52.9 79.3

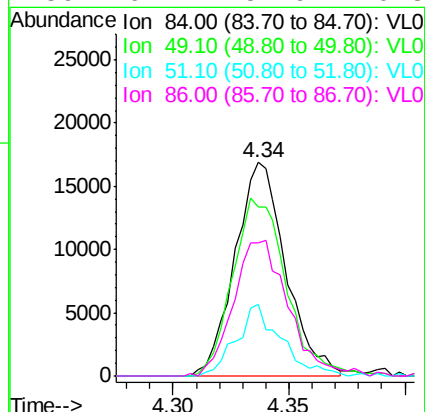
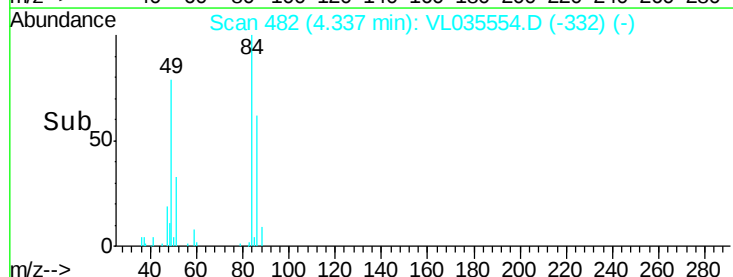


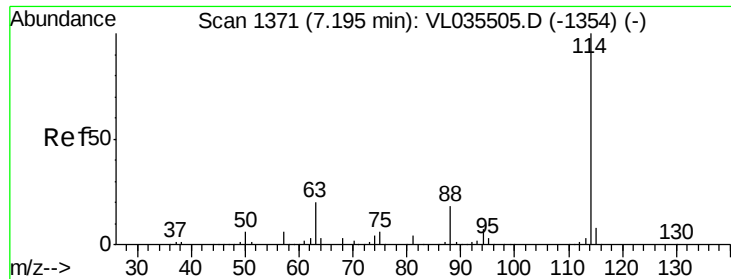
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

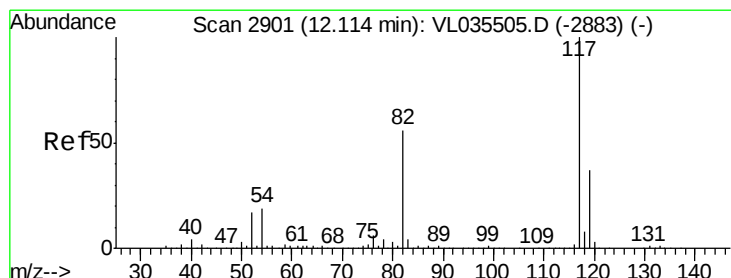
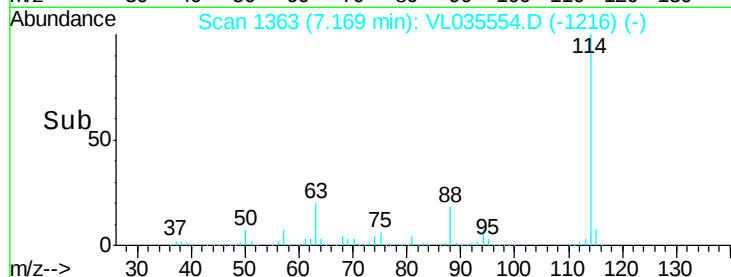
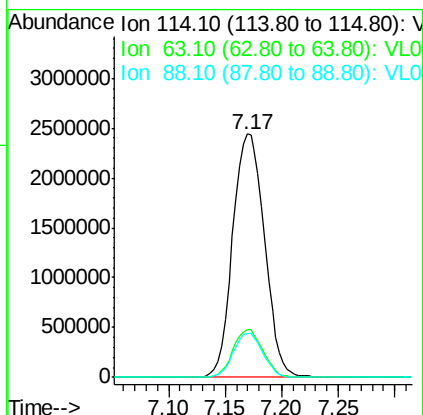
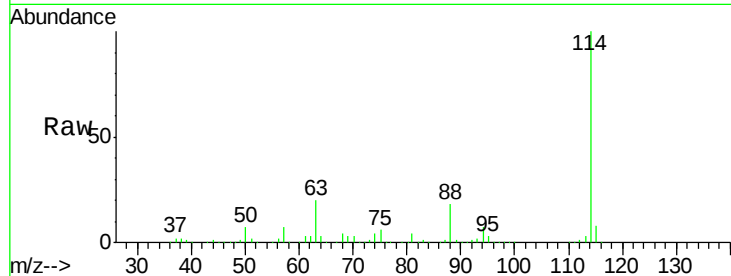




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: VL035554.D
 Acq: 8 Sep 2020 13:16

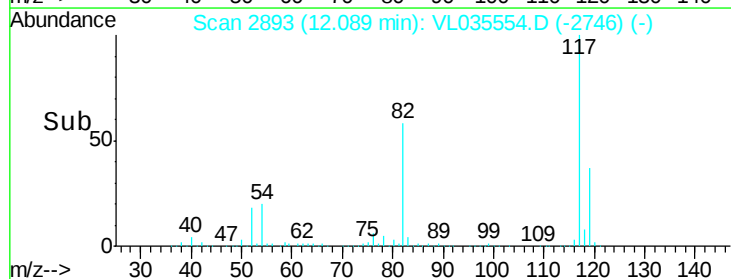
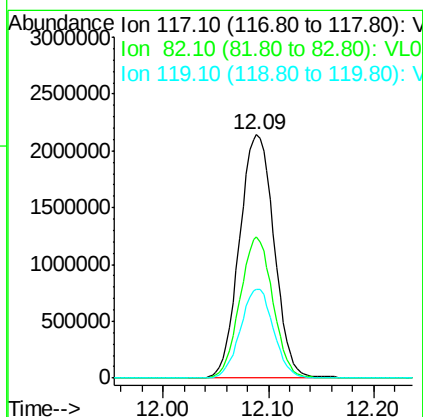
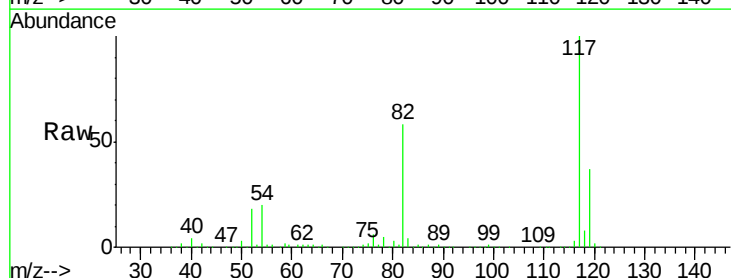
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABL01

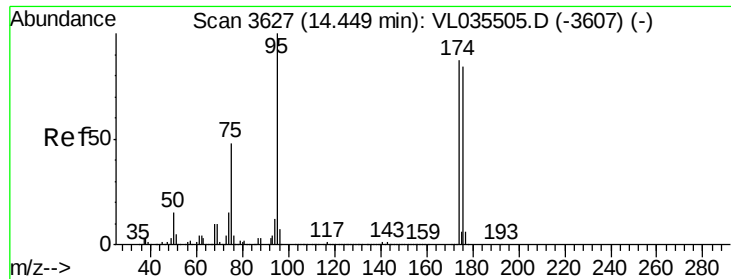
Tot Ion:114 Resp: 4784719
 Ion Ratio Lower Upper
 114 100
 63 18.6 14.7 22.1
 88 17.0 13.4 20.2



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. -0.03 min
 Lab File: VL035554.D
 Acq: 8 Sep 2020 13:16

Tgt Ion:117 Resp: 4903063
 Ion Ratio Lower Upper
 117 100
 82 55.3 41.6 62.4
 119 35.2 29.3 43.9





#68

1-Bromo-4-Fluorobenzene

Concen: 10.259 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.03 min

Lab File: VL035554.D

Acq: 8 Sep 2020 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0908ABL01

Tot Ion: 95 Resp: 3571957

Ion Ratio Lower Upper

95 100

174 86.5 69.6 104.4

175 6.3 5.1 7.7

