

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035528.D
 Acq On : 3 Sep 2020 13:10
 Operator : SY/AP
 Sample : VL0903ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0903ABL01

Quant Time: Sep 04 07:00:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.68	49	1053258	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4460837	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4498958	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3250216	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

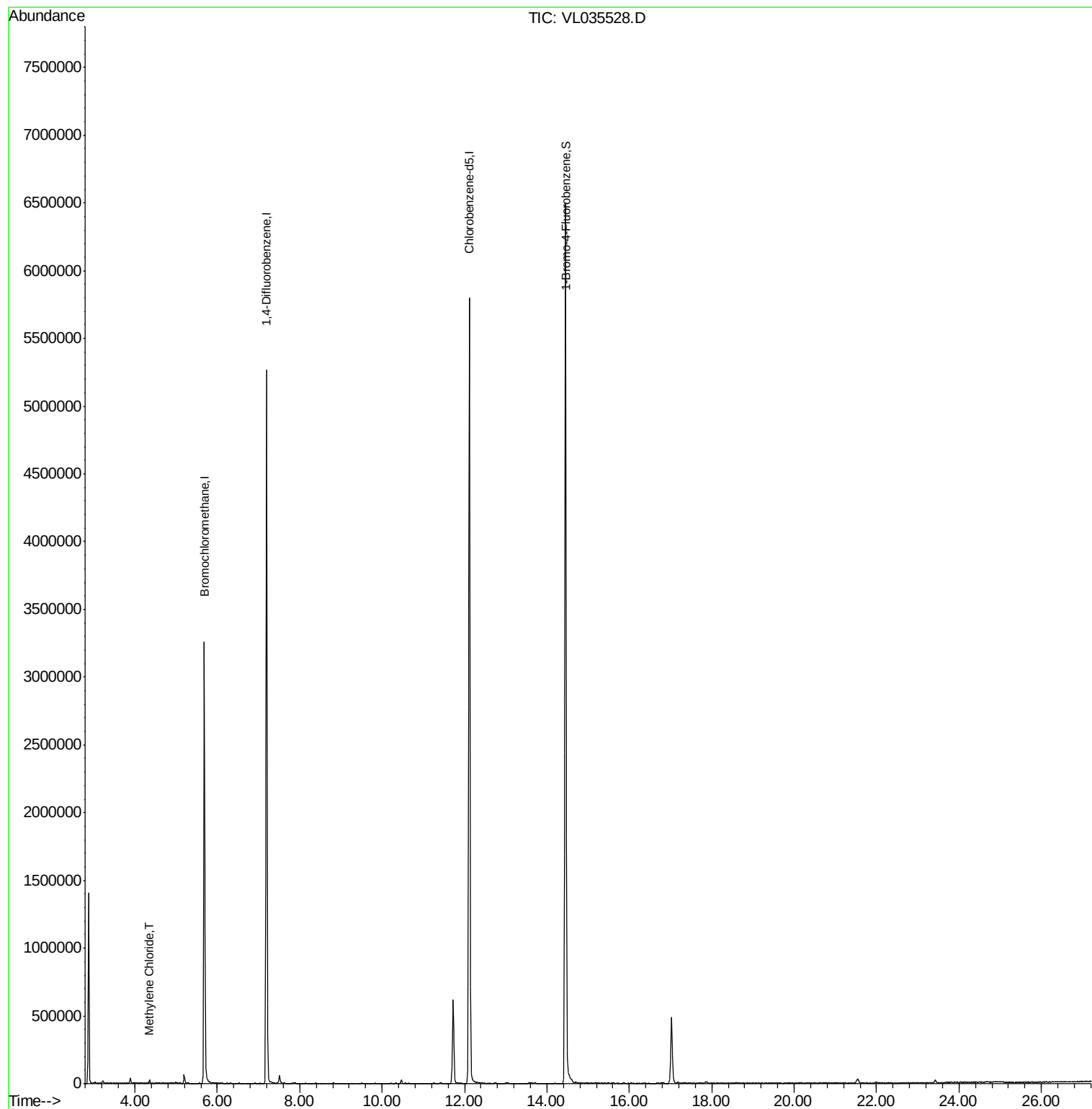
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.36	84	9363	0.108	ppbv	91

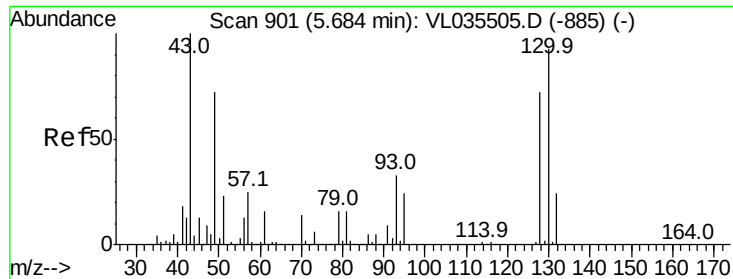
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

Lab File: VL035528.D

Acq: 3 Sep 2020 13:10

Instrument :

MSVOA_L

ClientSampleId :

VL0903ABL01

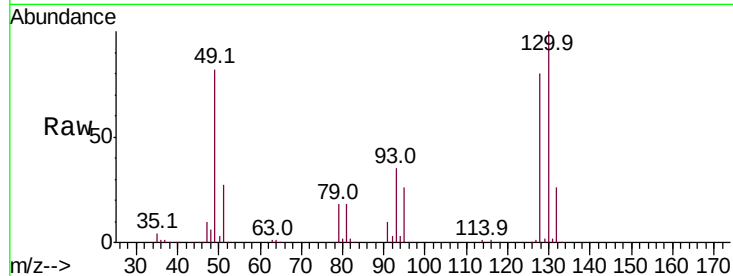
Tot Ion: 49 Resp: 1053258

Ion Ratio Lower Upper

49 100

128 97.8 50.0 150.1

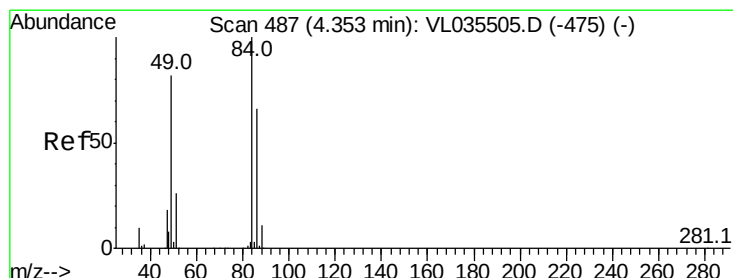
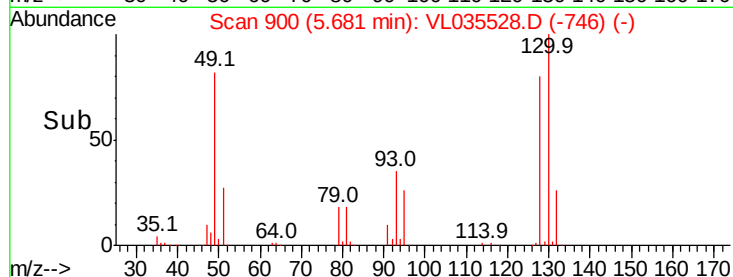
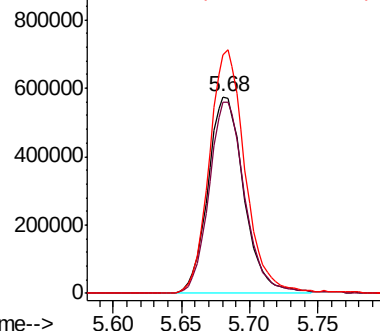
130 124.6 64.4 193.2



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: 0.108 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.01 min

Lab File: VL035528.D

Acq: 3 Sep 2020 13:10

Tgt Ion: 84 Resp: 9363

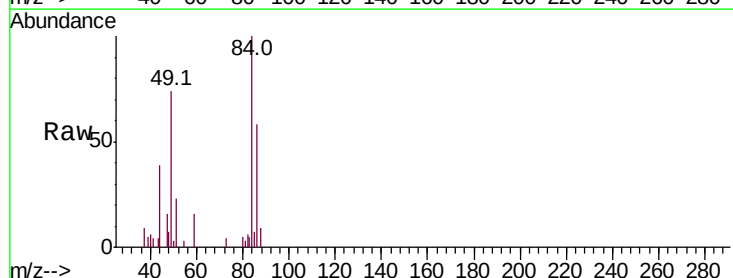
Ion Ratio Lower Upper

84 100

49 74.2 65.4 98.0

51 23.4 21.5 32.3

86 58.2 52.9 79.3

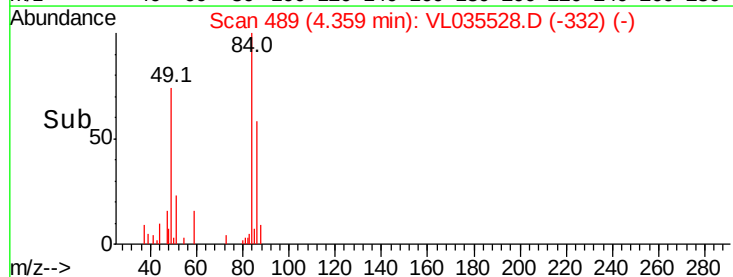
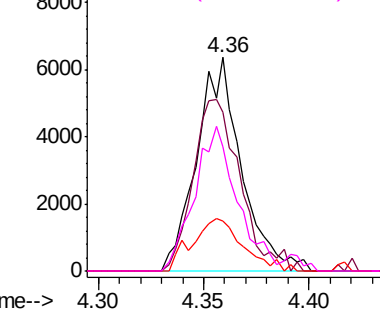


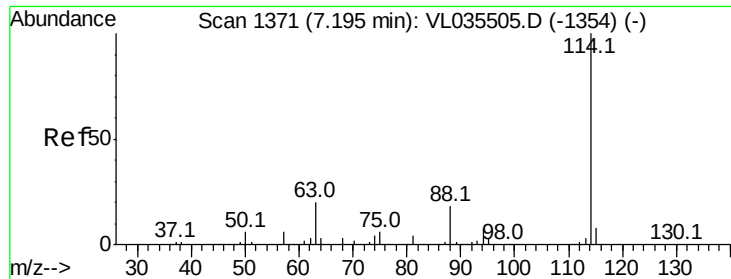
Abundance Ion 84.00 (83.70 to 84.70): VL0

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



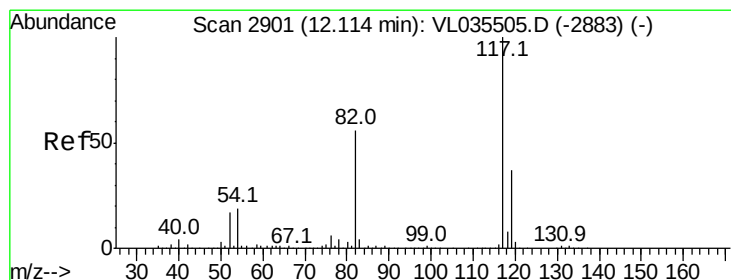
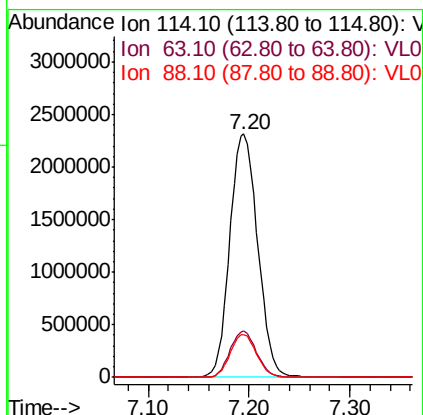
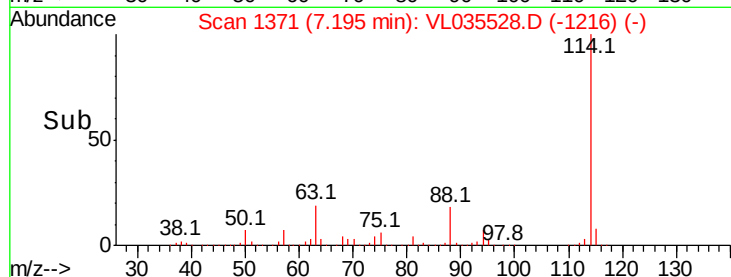
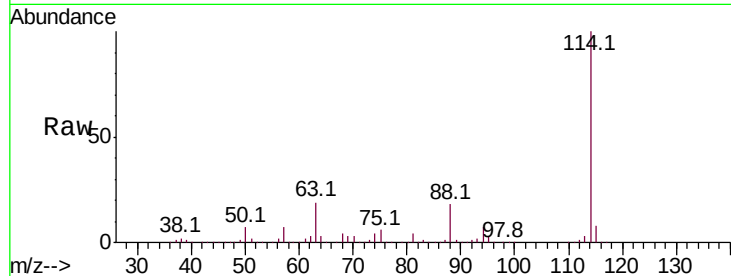


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: VL035528.D
 Acq: 3 Sep 2020 13:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0903ABL01

Tot Ion:114 Resp: 4460837

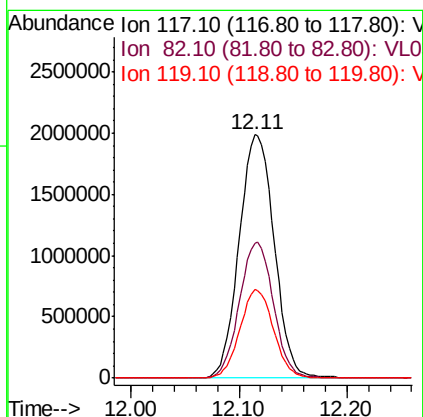
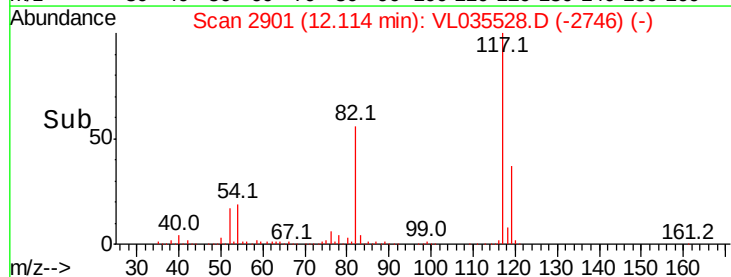
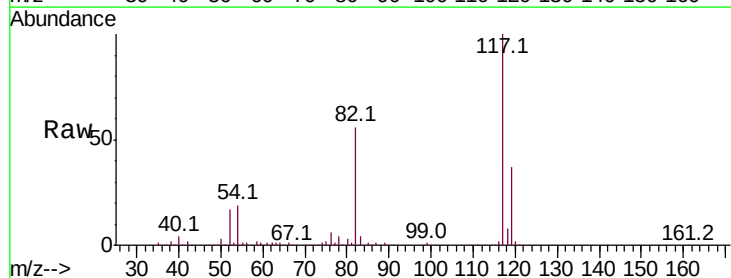
Ion	Ratio	Lower	Upper
114	100		
63	18.2	14.7	22.1
88	16.7	13.4	20.2

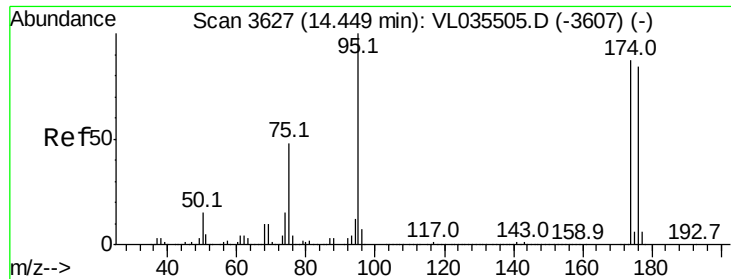


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. -0.00 min
 Lab File: VL035528.D
 Acq: 3 Sep 2020 13:10

Tgt Ion:117 Resp: 4498958

Ion	Ratio	Lower	Upper
117	100		
82	54.4	41.6	62.4
119	35.1	29.3	43.9





#68

1-Bromo-4-Fluorobenzene

Concen: 10.173 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. -0.00 min

Lab File: VL035528.D

Acq: 3 Sep 2020 13:10

Instrument :

MSVOA_L

ClientSampleId :

VL0903ABL01

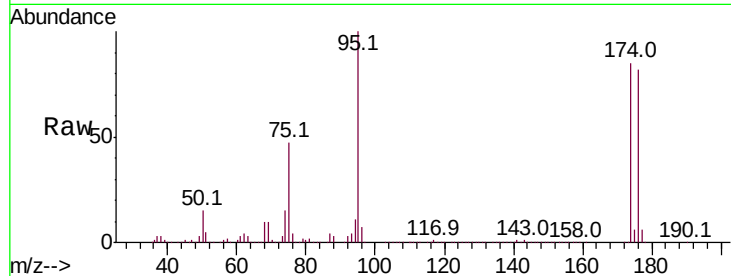
Tot Ion: 95 Resp: 3250216

Ion Ratio Lower Upper

95 100

174 86.9 69.6 104.4

175 6.3 5.1 7.7



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

