Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091020\
Data File : VL035582.D
Acq On : 10 Sep 2020 13:48
Operator : SY/AP
Sample : VL0910ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0910ABL01

Quant Time: Sep 11 08:24:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu 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	1133061	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4682799	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4781799	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3514456	10.35	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.50%			
Target Compounds						Qvalue
20) Methylene Chloride	4.33	84	25341	0.272	ppbv	94

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

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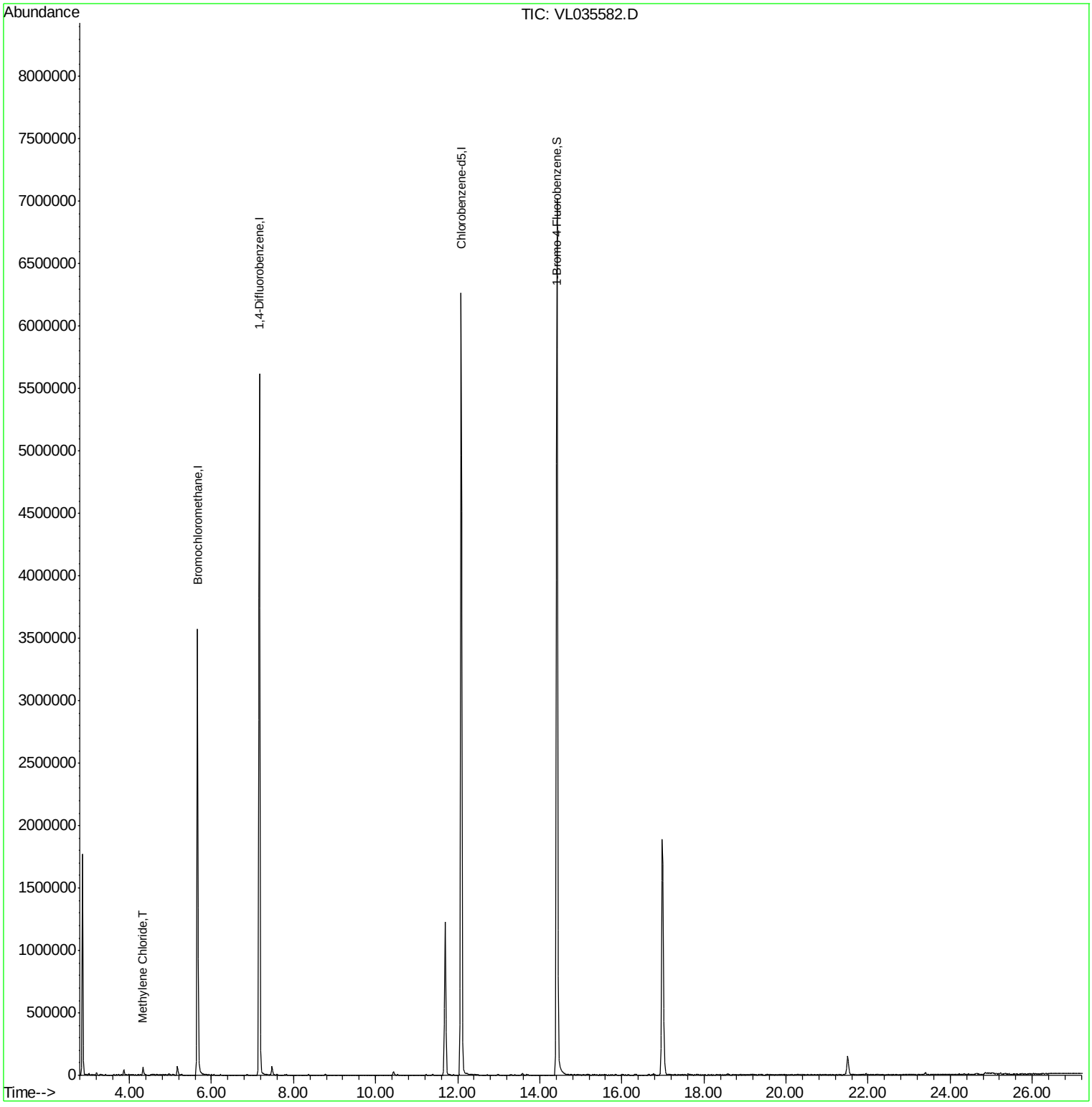
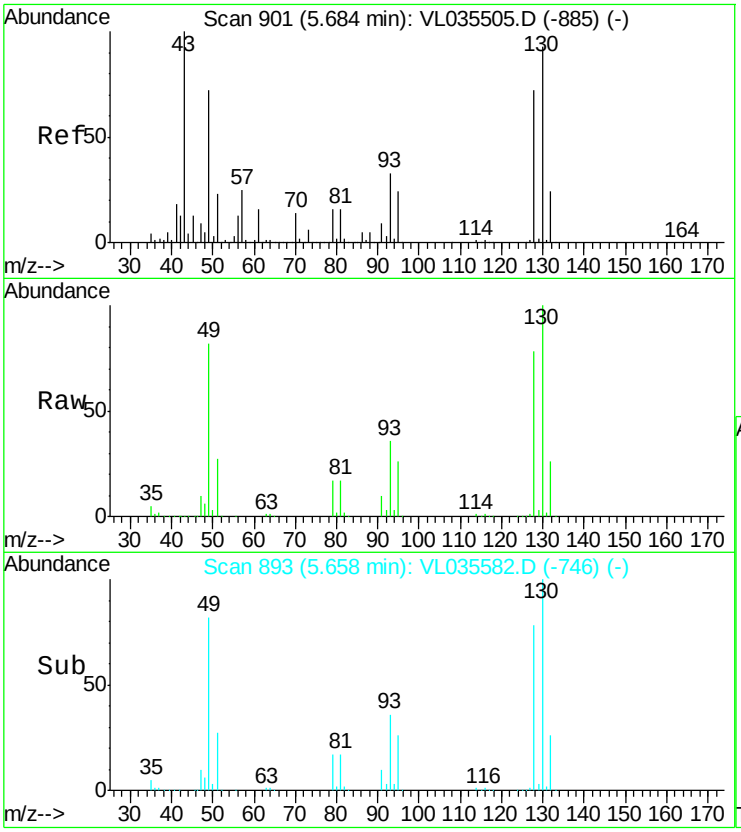


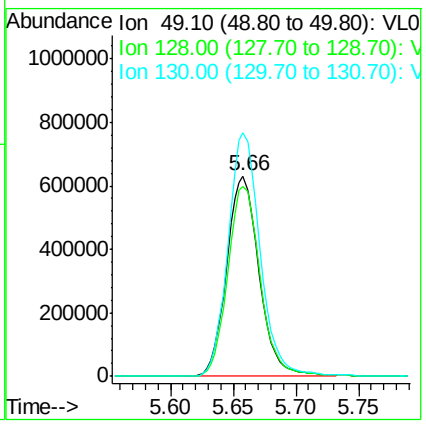


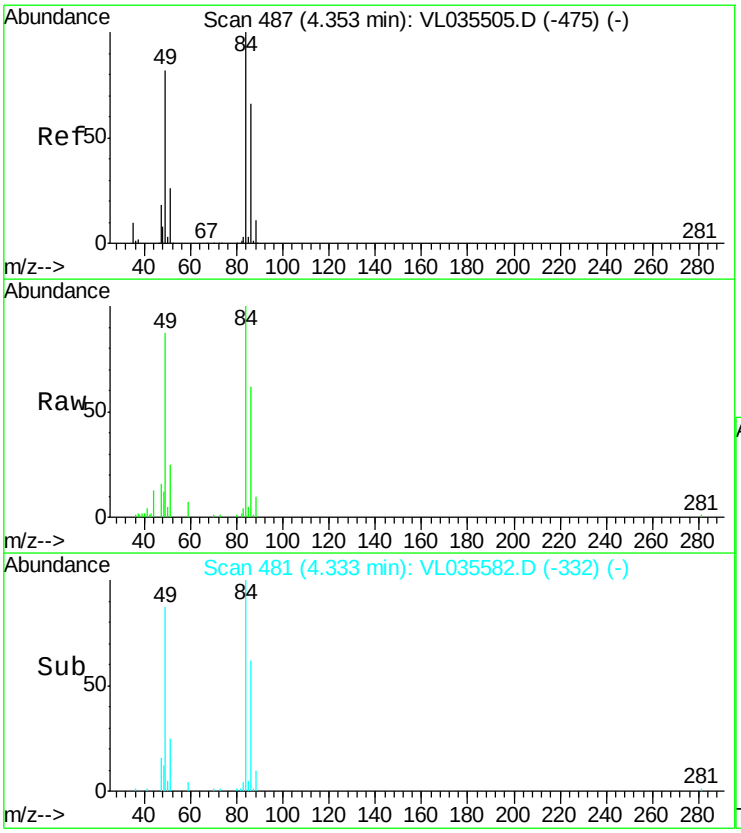
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

Instrument :
MSVOA_L
ClientSampleId :
VL0910ABL01

Tgt Ion: 49 Resp: 1133061

Ion	Ratio	Lower	Upper
49	100		
128	96.0	50.0	150.1
130	121.7	64.4	193.2

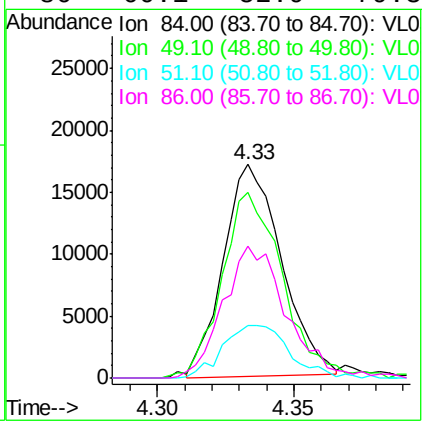


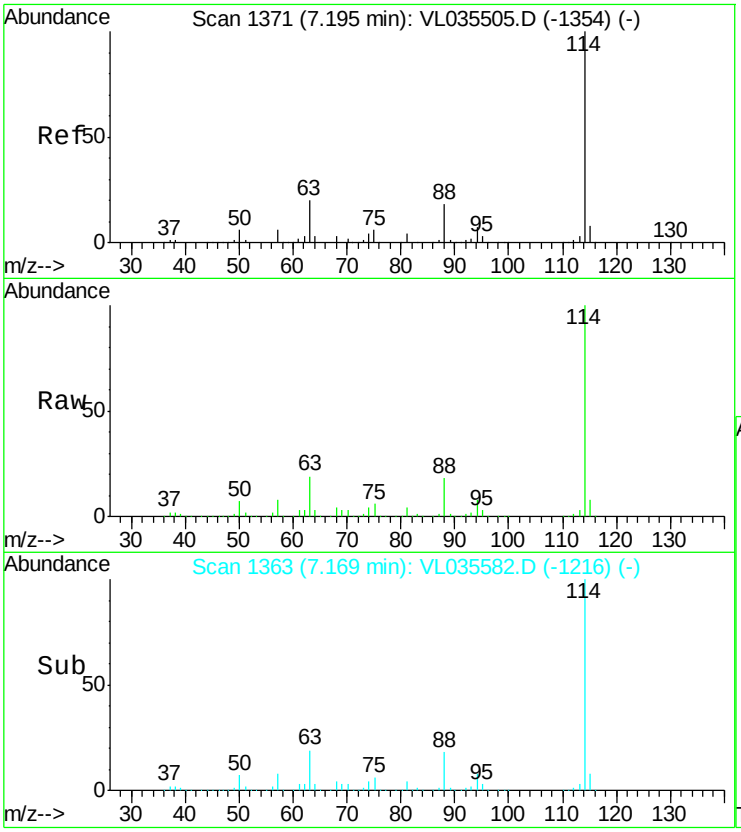


#20
Methylene Chloride
Concen: 0.272 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

Tgt Ion: 84 Resp: 25341

Ion	Ratio	Lower	Upper
84	100		
49	86.2	65.4	98.0
51	24.2	21.5	32.3
86	60.1	52.9	79.3



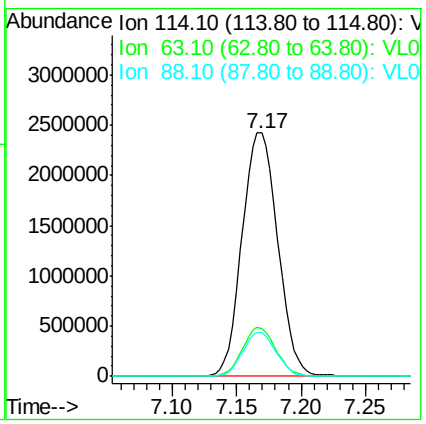


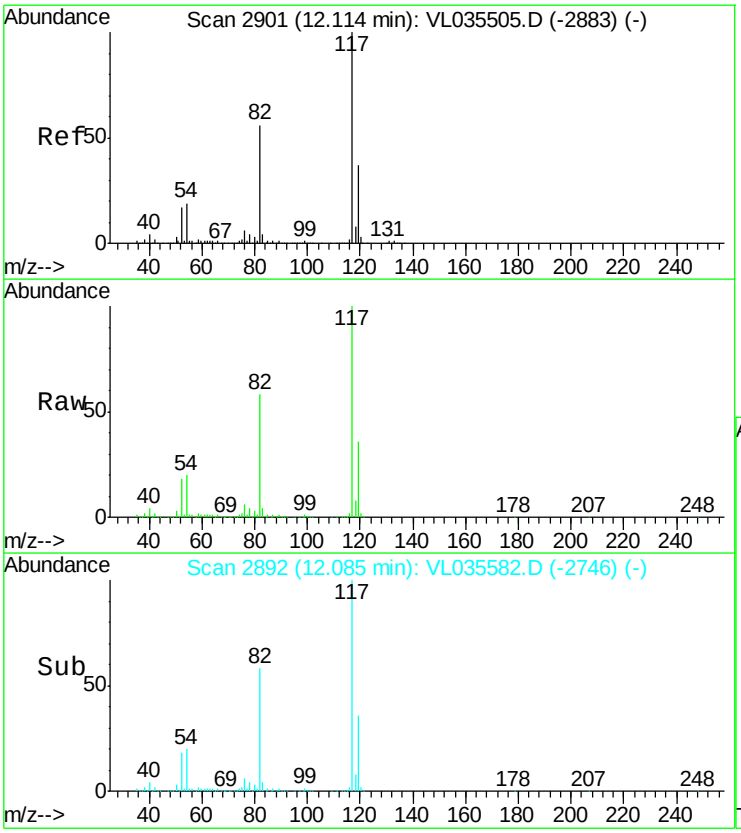
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

Instrument :
MSVOA_L
ClientSampleId :
VL0910ABL01

Tgt Ion:114 Resp: 4682799

Ion	Ratio	Lower	Upper
114	100		
63	18.7	14.7	22.1
88	17.2	13.4	20.2

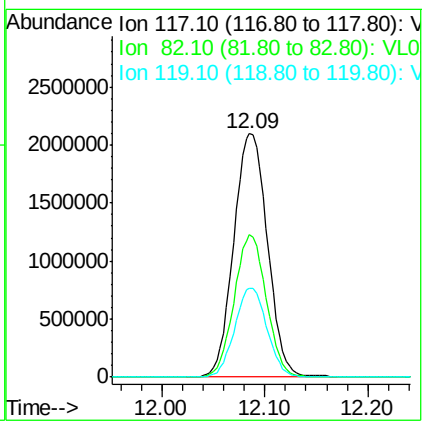


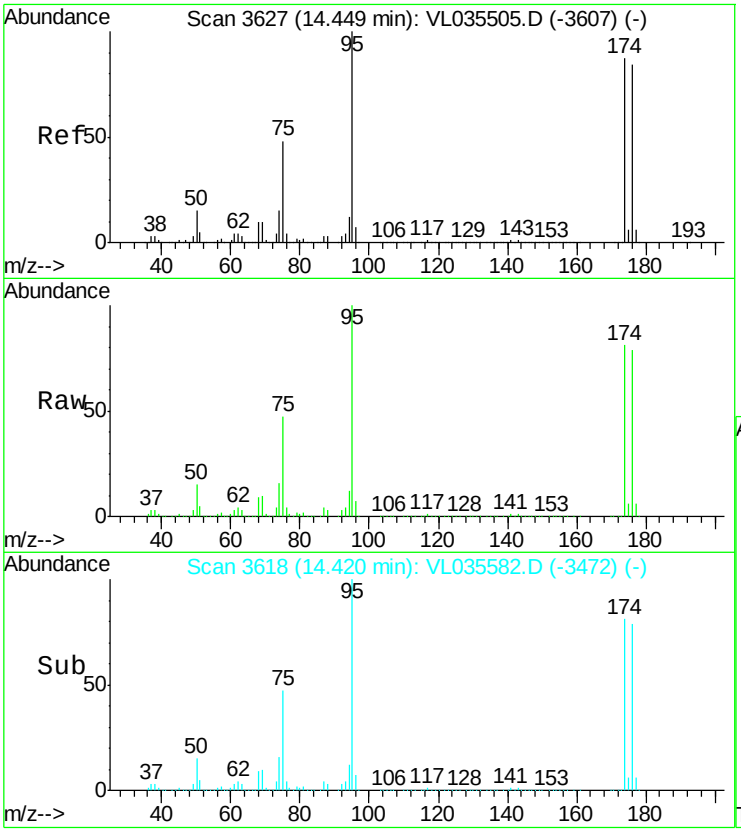


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.03 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

Tgt Ion:117 Resp: 4781799

Ion	Ratio	Lower	Upper
117	100		
82	55.9	41.6	62.4
119	35.2	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.349 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.03 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

Instrument :
MSVOA_L
ClientSampleId :
VL0910ABL01

Tgt Ion: 95 Resp: 3514456

Ion	Ratio	Lower	Upper
95	100		
174	83.5	69.6	104.4
175	6.0	5.1	7.7