Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061319\
Data File : VL033900.D
Acq On : 13 Jun 2019 16:33
Operator : SY/AP
Sample : VL0613ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0613ABL01

Quant Time: Jun 14 06:50:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	889012	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	1966224	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	1992726	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1528530	9.34	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.40%			
Target Compounds						Qvalue
15) Acetone	3.91	43	16504	0.127	ppbv	92

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

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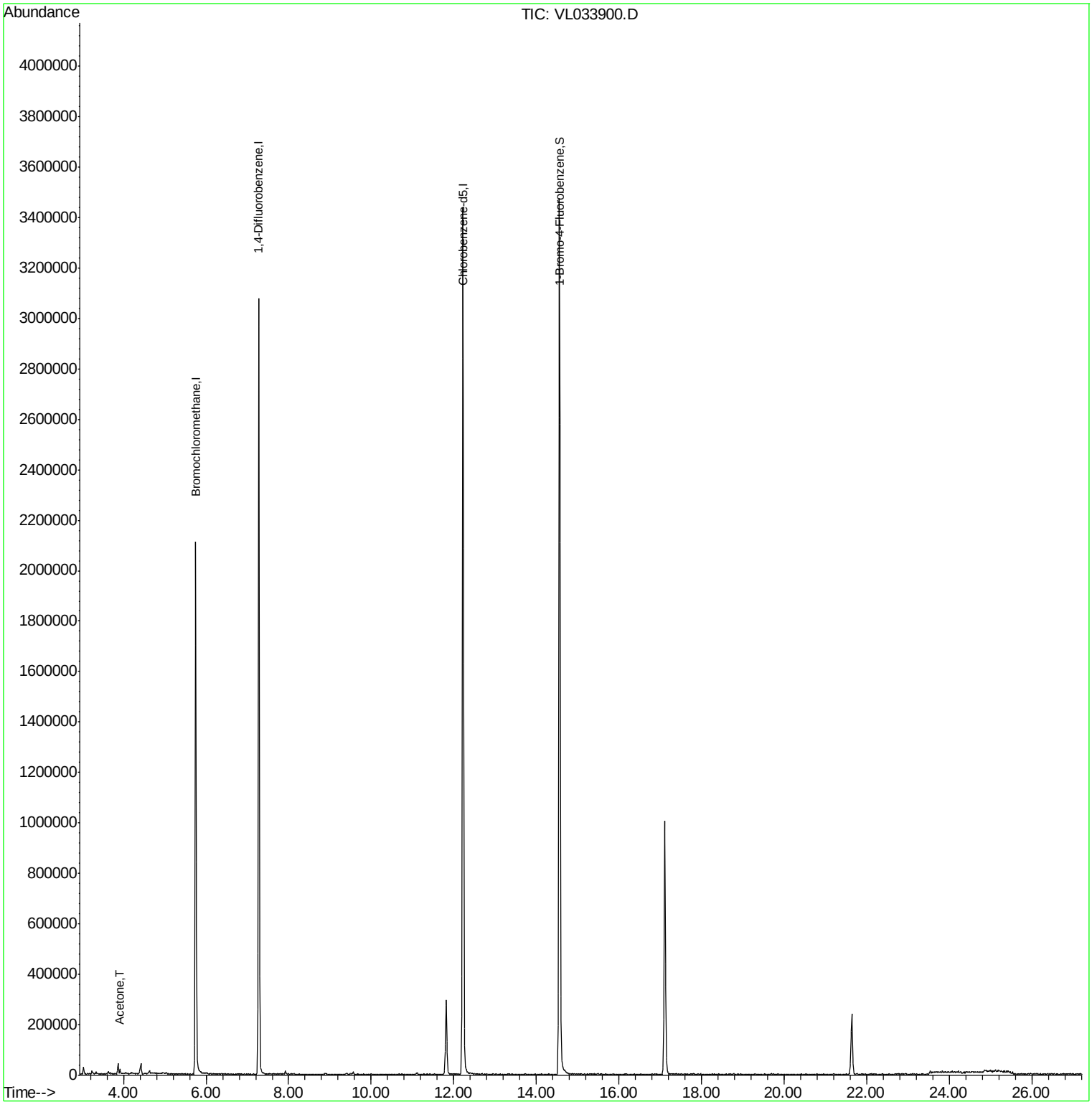
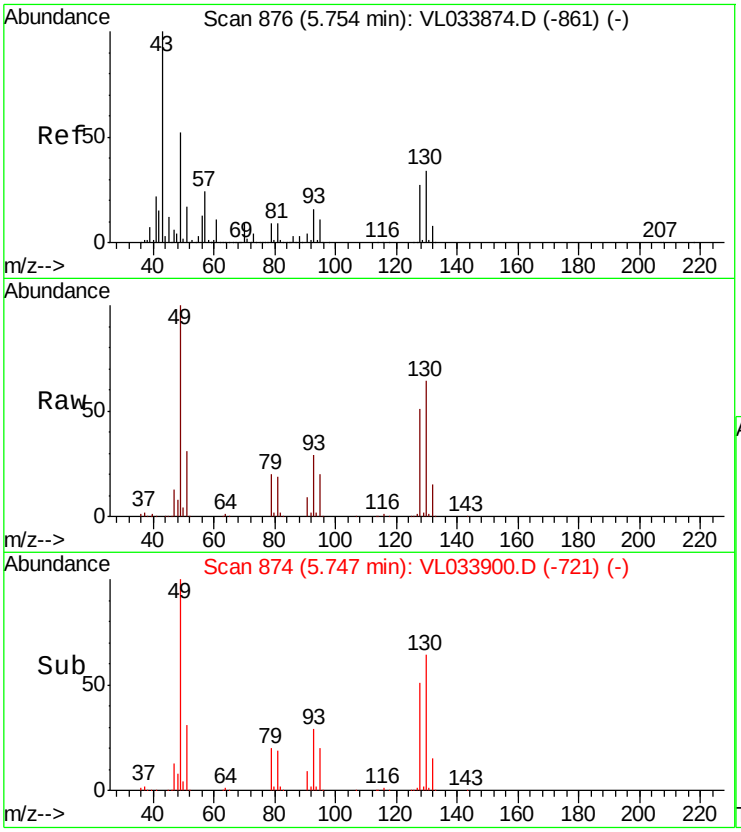


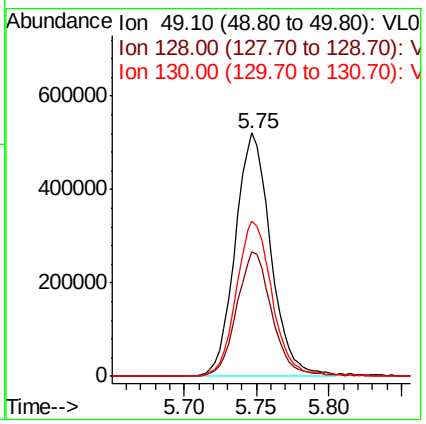


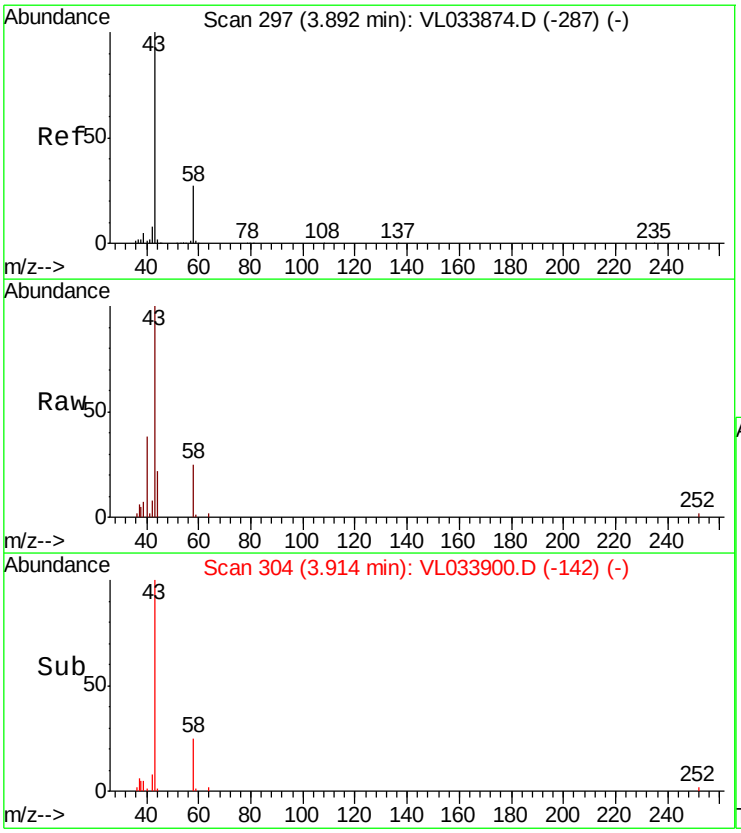
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 874
Delta R.T. -0.01 min
Lab File: VL033900.D
Acq: 13 Jun 2019 16:33

Instrument :
MSVOA_L
ClientSampleId :
VL0613ABL01

Tgt Ion: 49 Resp: 889012

Ion	Ratio	Lower	Upper
49	100		
128	51.0	25.5	76.5
130	64.9	32.5	97.4

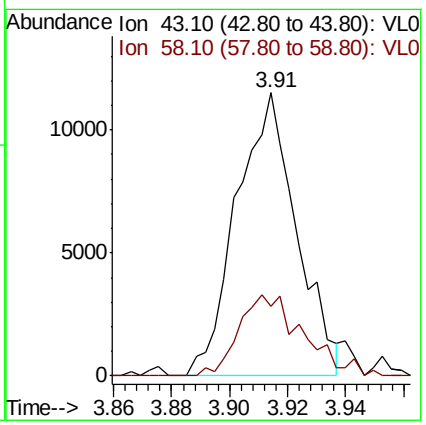


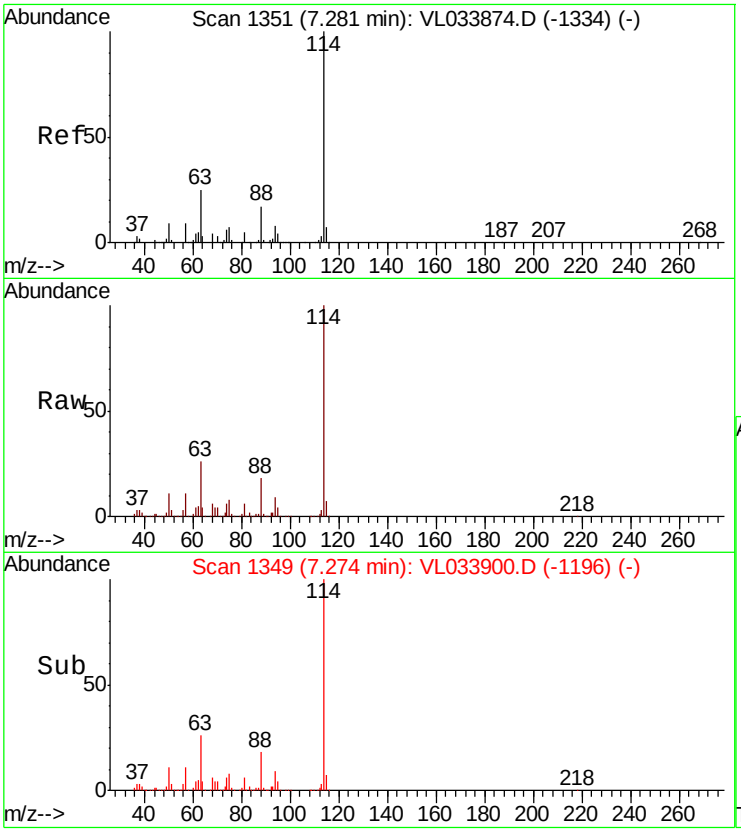


#15
Acetone
Concen: 0.127 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.02 min
Lab File: VL033900.D
Acq: 13 Jun 2019 16:33

Tgt Ion: 43 Resp: 16504

Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.3	31.9



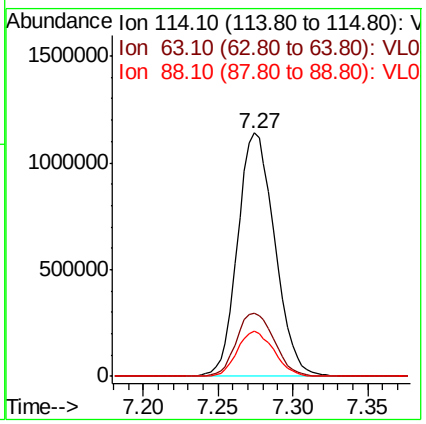


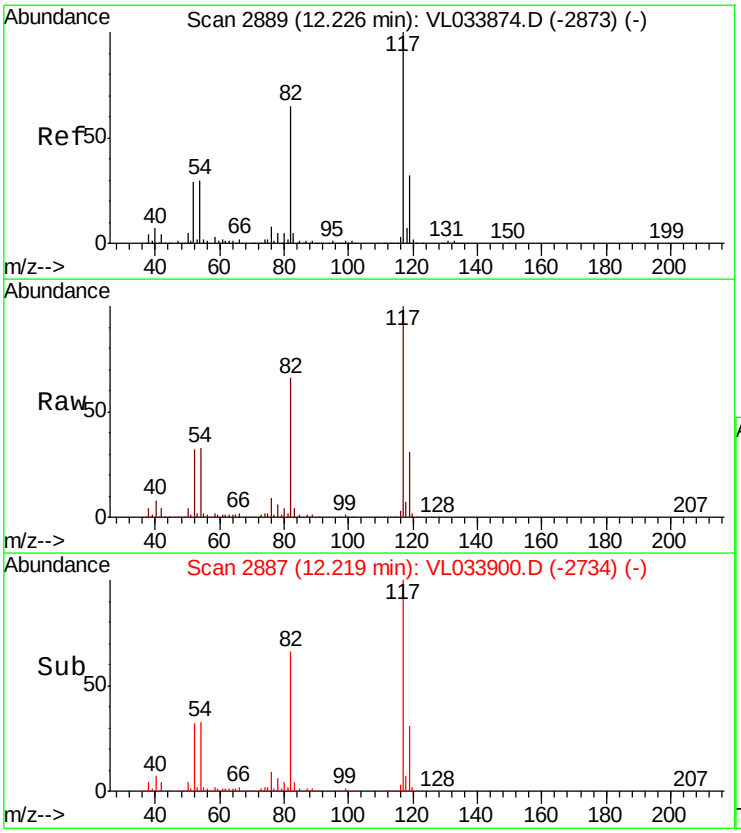
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL033900.D
Acq: 13 Jun 2019 16:33

Instrument :
MSVOA_L
ClientSampleId :
VL0613ABL01

Tgt Ion:114 Resp: 1966224

Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.1	31.7
88	18.3	14.2	21.4

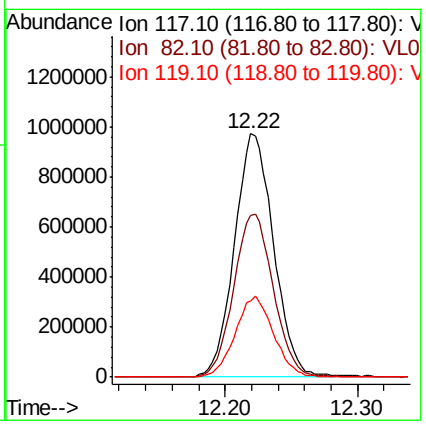


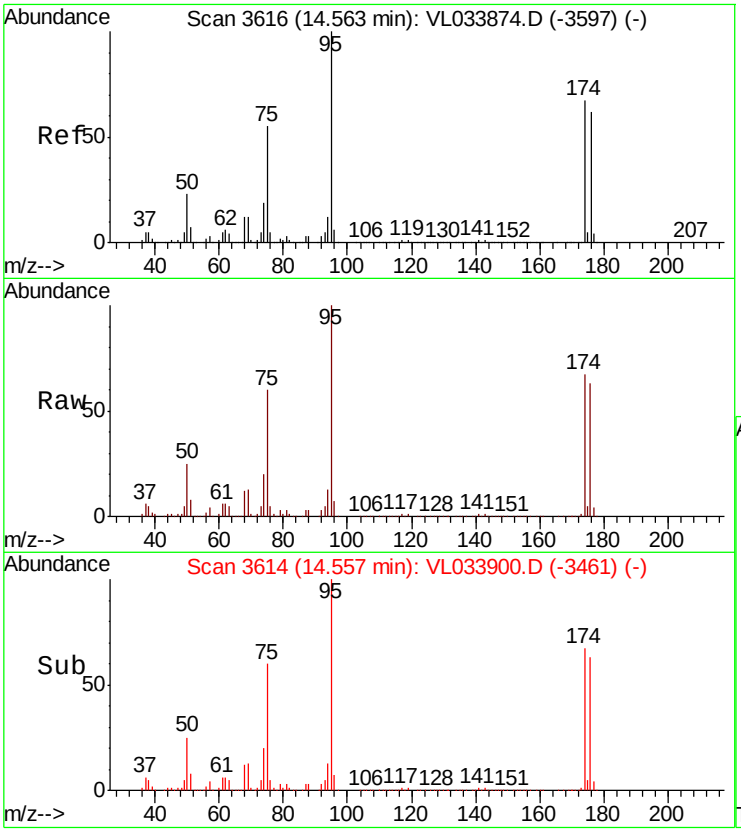


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2887
Delta R.T. -0.01 min
Lab File: VL033900.D
Acq: 13 Jun 2019 16:33

Tgt Ion:117 Resp: 1992726

Ion	Ratio	Lower	Upper
117	100		
82	68.3	50.2	75.2
119	32.7	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 9.339 ppbv
RT: 14.56 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL033900.D
Acq: 13 Jun 2019 16:33

Instrument :
MSVOA_L
ClientSampleId :
VL0613ABL01

Tgt Ion: 95 Resp: 1528530

Ion	Ratio	Lower	Upper
95	100		
174	66.0	54.0	81.0
175	4.7	3.8	5.8