Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071620\
Data File : VL035202.D
Acq On : 16 Jul 2020 20:25
Operator : SY/AP
Sample : L3318-03DL 1200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : EXHAUST-03DL

Quant Time: Jul 17 09:55:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1107510	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2683492	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2511782	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2078680	10.19	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.90%			
Target Compounds						Qvalue
27) Carbon Disulfide	4.50	76	9889108	69.028	ppbv	# 82

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

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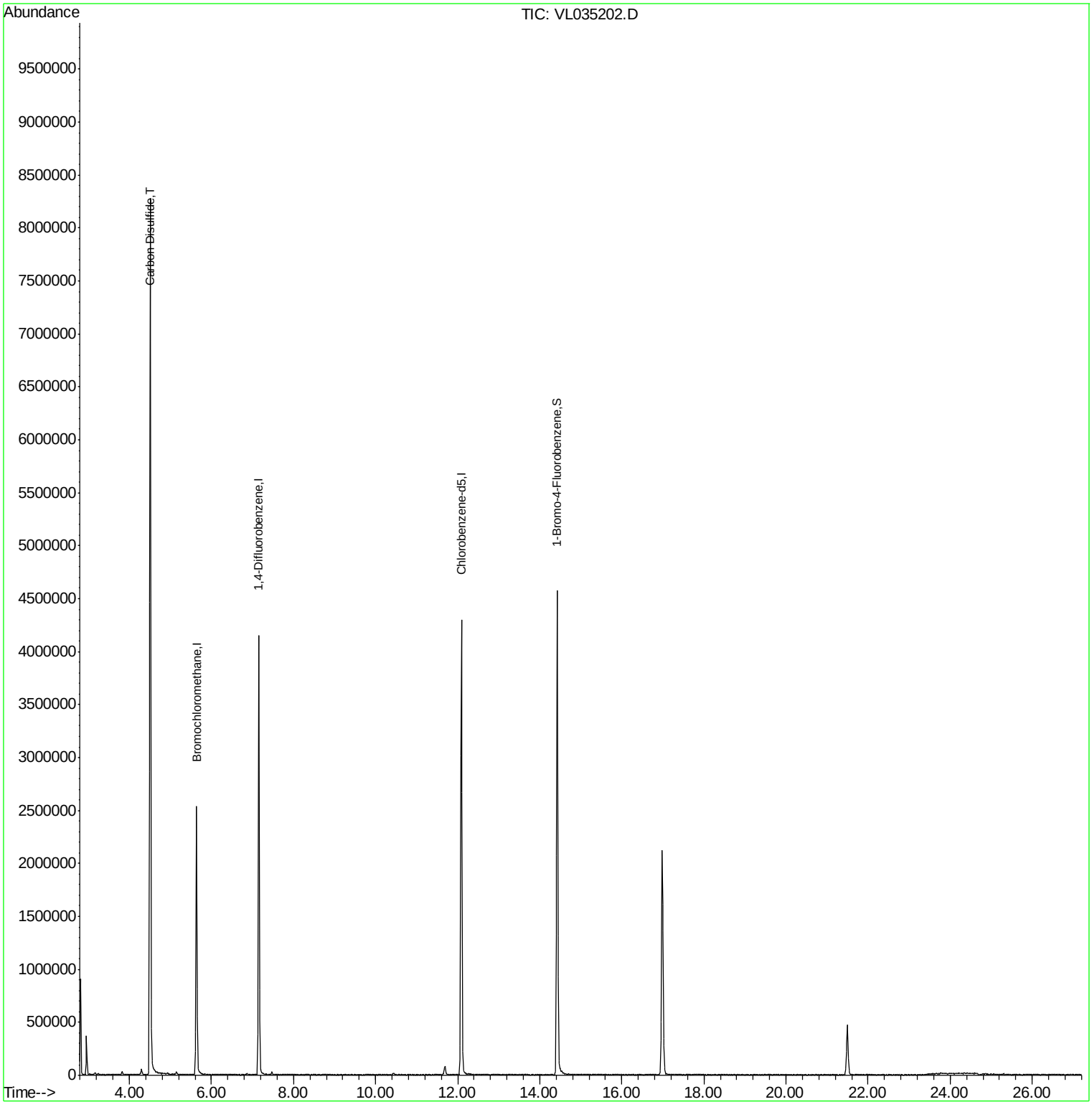
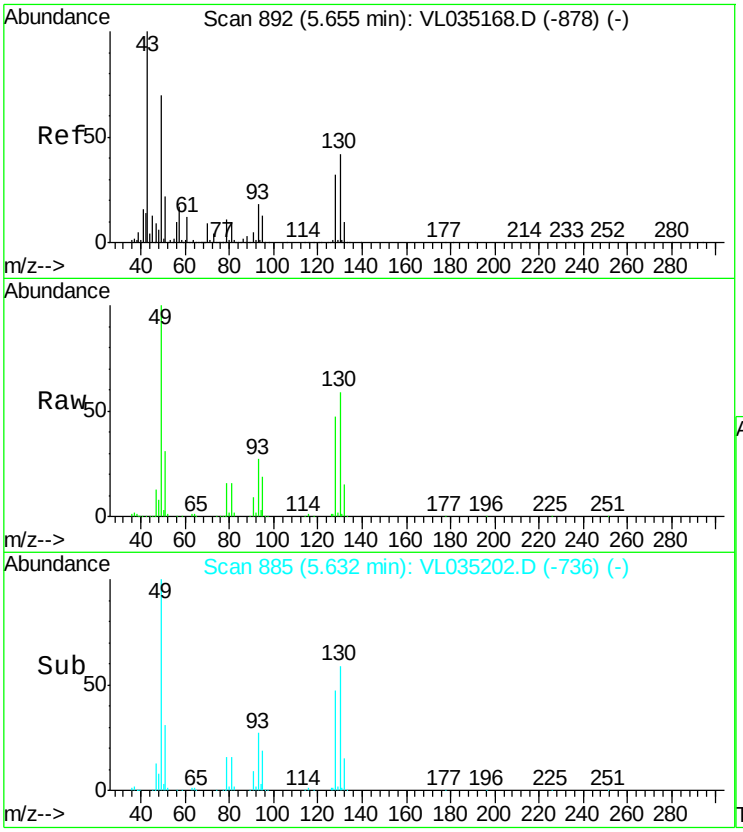


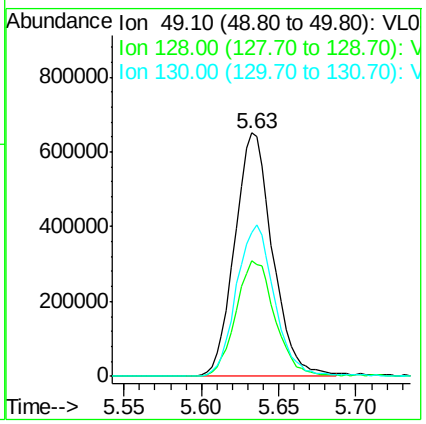


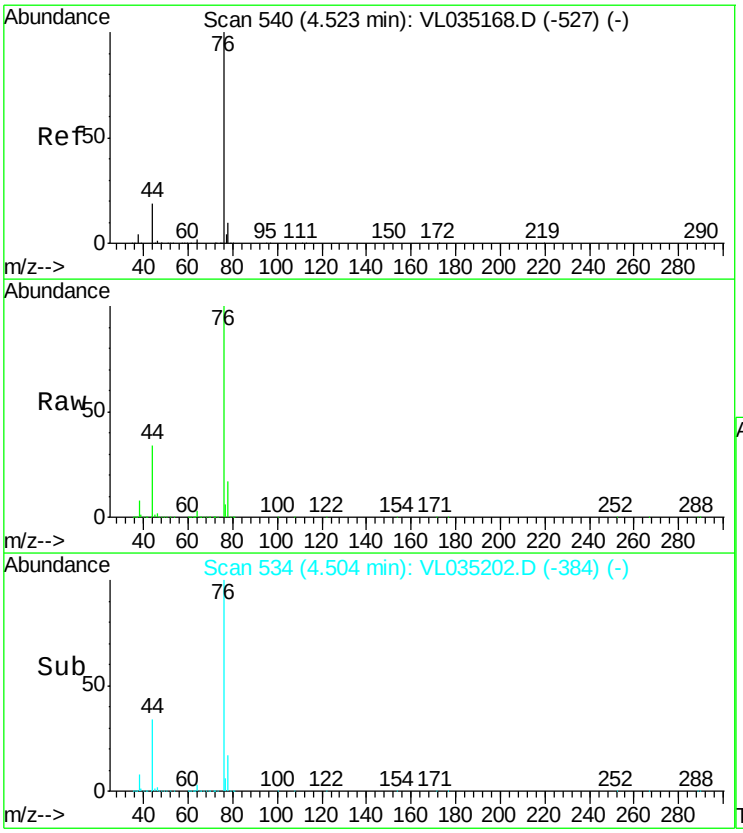
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63 min Scan# 885
Delta R.T. -0.02 min
Lab File: VL035202.D
Acq: 16 Jul 2020 20:25

Instrument :
MSVOA_L
ClientSampleId :
EXHAUST-03DL

Tgt Ion: 49 Resp: 1107510

Ion	Ratio	Lower	Upper
49	100		
128	49.6	23.8	71.4
130	63.0	29.9	89.8

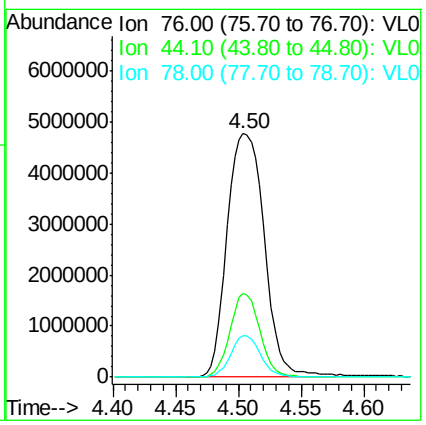


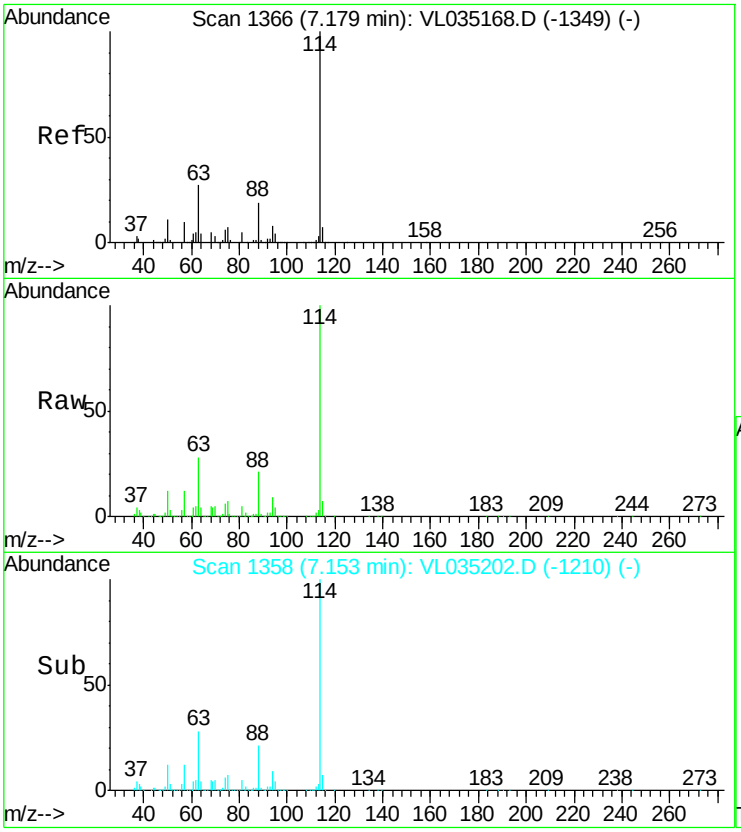


#27
Carbon Disulfide
Concen: 69.028 ppbv
RT: 4.50 min Scan# 534
Delta R.T. -0.02 min
Lab File: VL035202.D
Acq: 16 Jul 2020 20:25

Tgt Ion: 76 Resp: 9889108

Ion	Ratio	Lower	Upper
76	100		
44	27.8	14.9	22.3#
78	13.6	7.5	11.3#



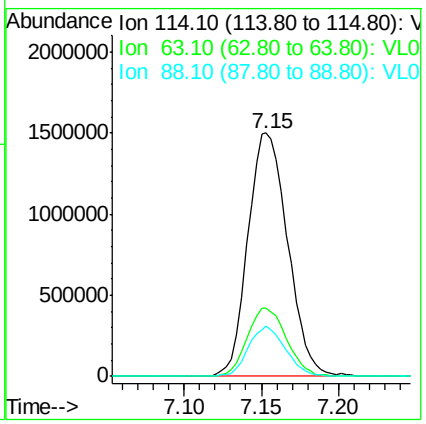


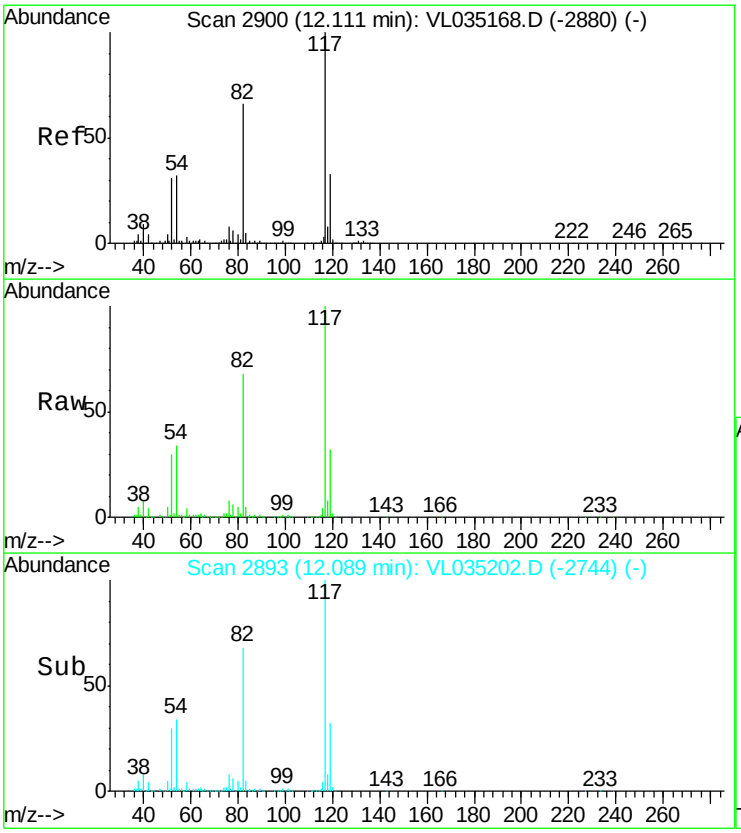
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.03 min
Lab File: VL035202.D
Acq: 16 Jul 2020 20:25

Instrument :
MSVOA_L
ClientSampleId :
EXHAUST-03DL

Tgt Ion:114 Resp: 2683492

Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.0	33.0
88	19.4	15.4	23.0

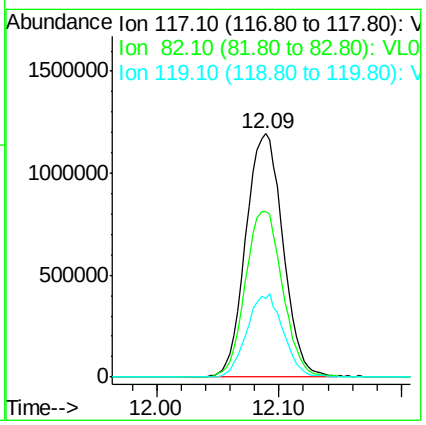


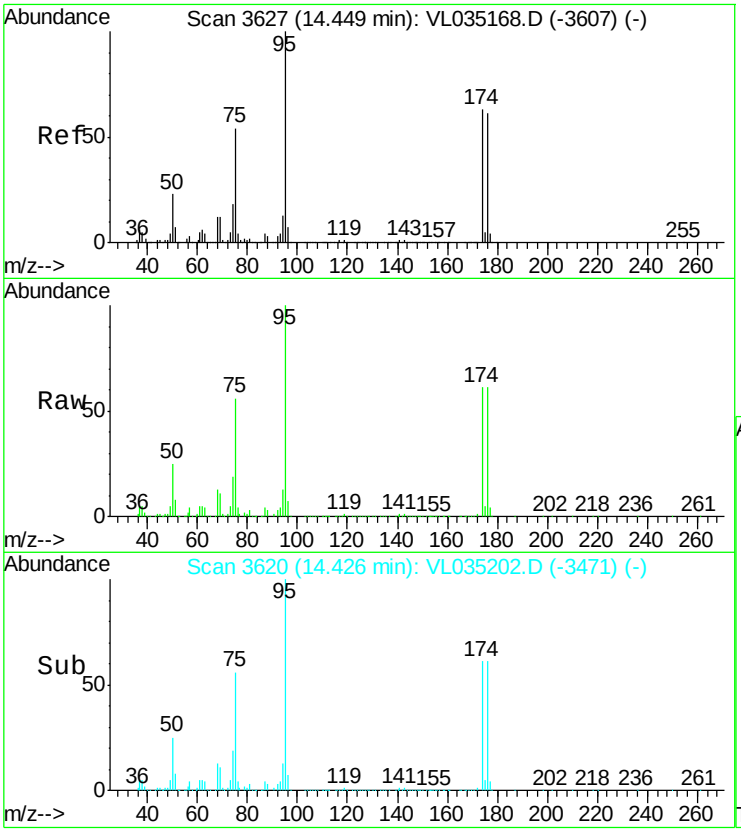


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.02 min
Lab File: VL035202.D
Acq: 16 Jul 2020 20:25

Tgt Ion:117 Resp: 2511782

Ion	Ratio	Lower	Upper
117	100		
82	68.5	52.3	78.5
119	33.2	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.187 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. -0.02 min
Lab File: VL035202.D
Acq: 16 Jul 2020 20:25

Instrument :
MSVOA_L
ClientSampleId :
EXHAUST-03DL

Tgt Ion: 95 Resp: 2078680

Ion	Ratio	Lower	Upper
95	100		
174	65.3	52.2	78.2
175	4.8	4.0	6.0