Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120320\
Data File : VL036060.D
Acq On : 3 Dec 2020 21:10
Operator : SY/AP
Sample : QC120120 CAN 10258
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC120120 CAN 10258

Quant Time: Dec 04 04:16:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 04 03:52:25 2020
QLast Update : Fri Dec 04 03:52:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1040761	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3651375	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3368681	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2541670	9.92	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.20%			
Target Compounds						Qvalue
13) Ethanol	3.60	45	610	0.075	ppbv #	35
15) Acetone	3.86	43	10376	0.092	ppbv #	41
20) Methylene Chloride	4.33	84	62082	0.669	ppbv	94
26) Hexane	5.67	57	9097	0.077	ppbv #	36
30) Cyclohexane	7.15	84	8487	0.080	ppbv #	9
39) 1,2-Dichloropropane	7.16	63	765234	8.043	ppbv #	30

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

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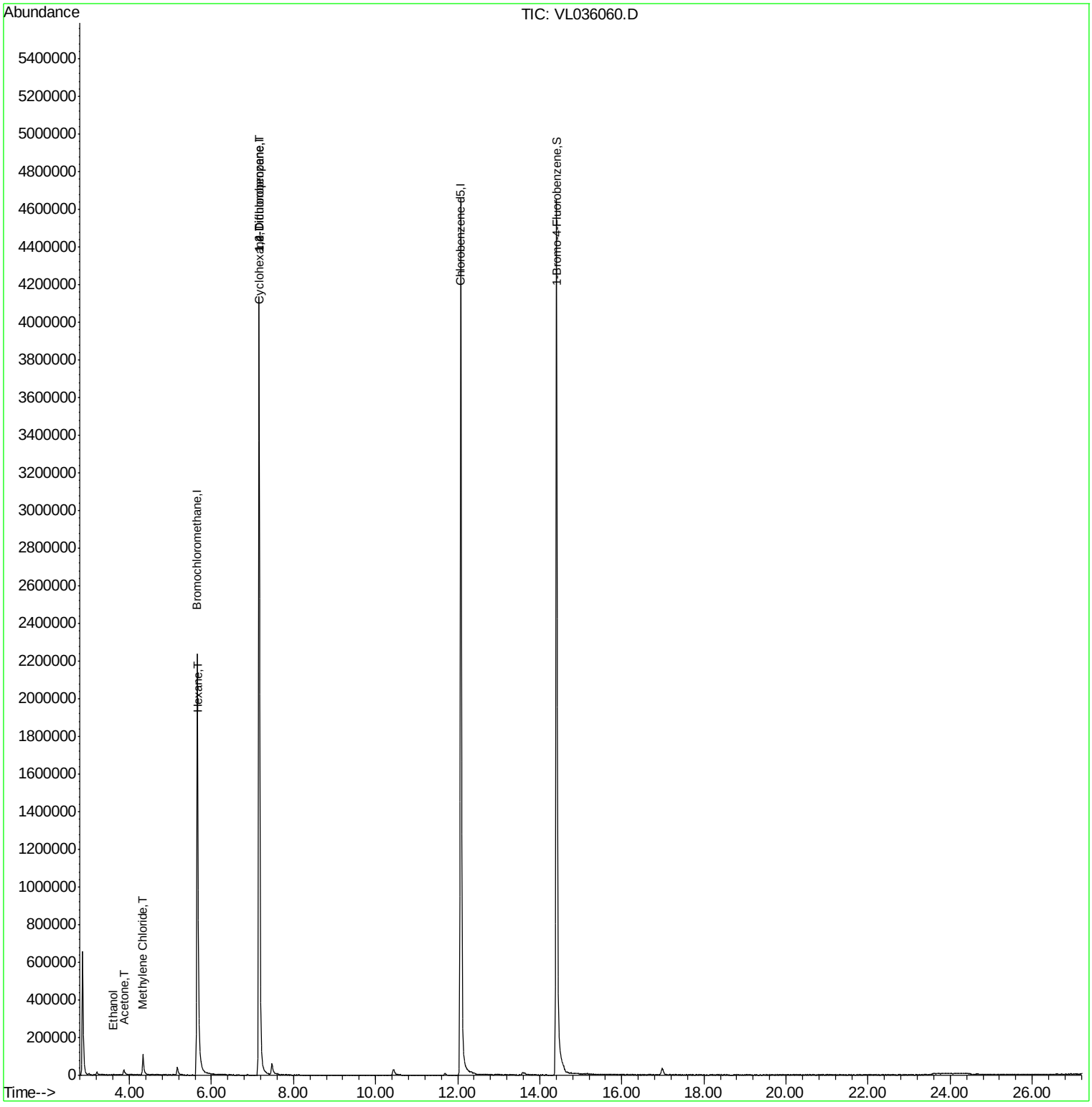
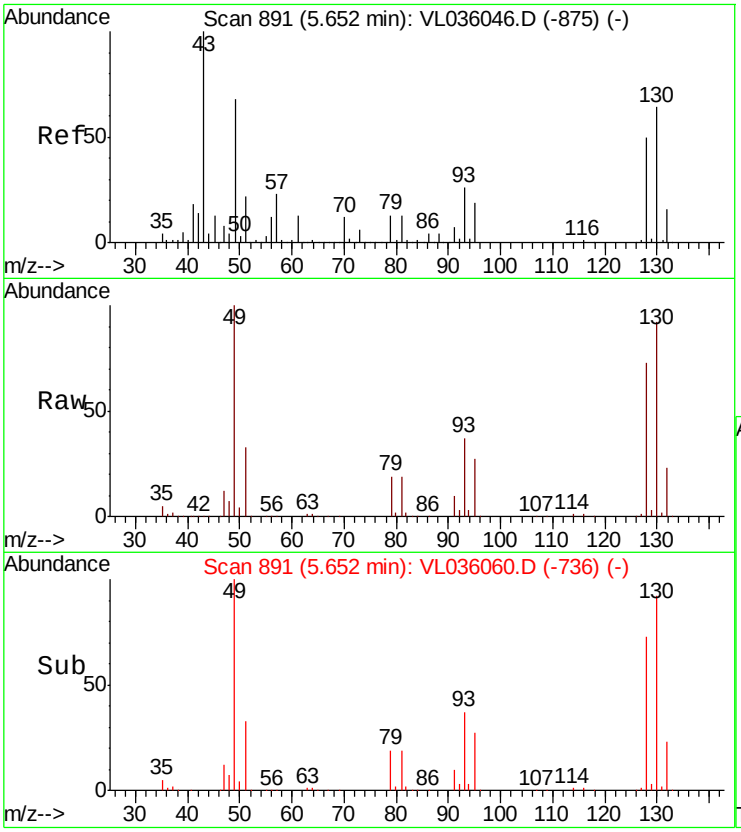


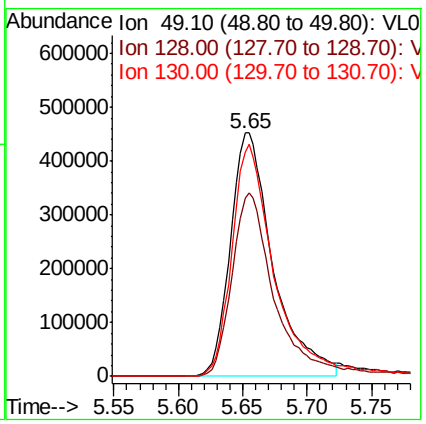


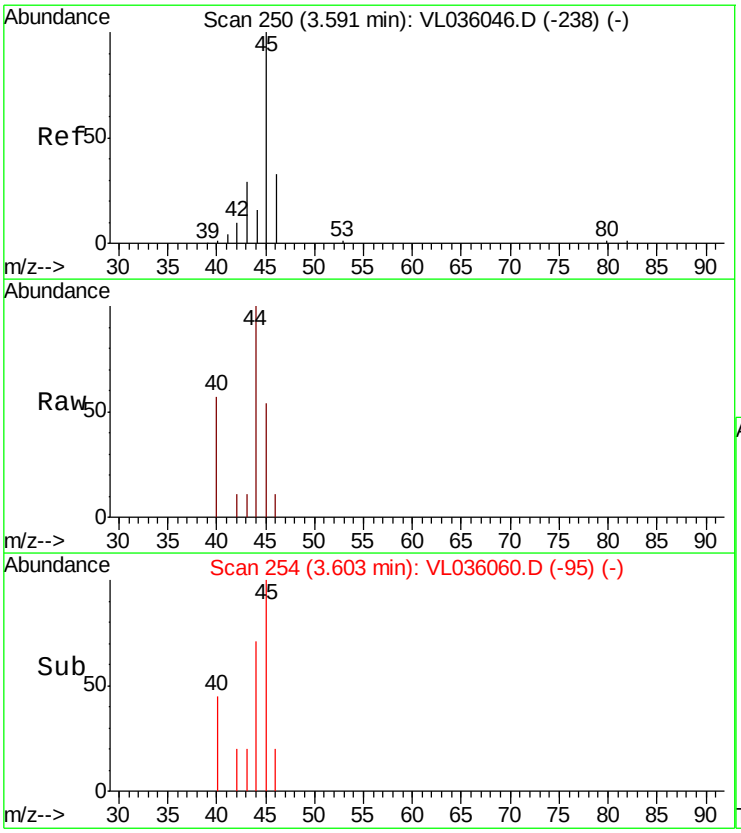
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.00 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
QC120120 CAN 10258

Tgt Ion: 49 Resp: 1040761

Ion	Ratio	Lower	Upper
49	100		
128	76.7	38.3	114.8
130	99.3	49.1	147.4

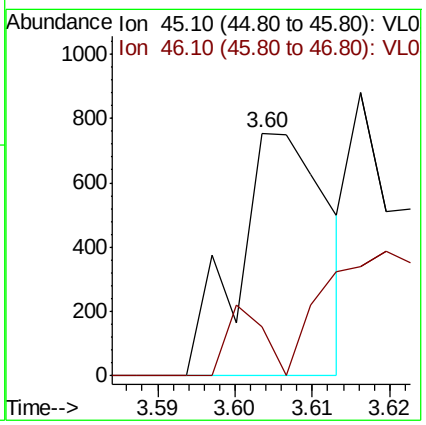


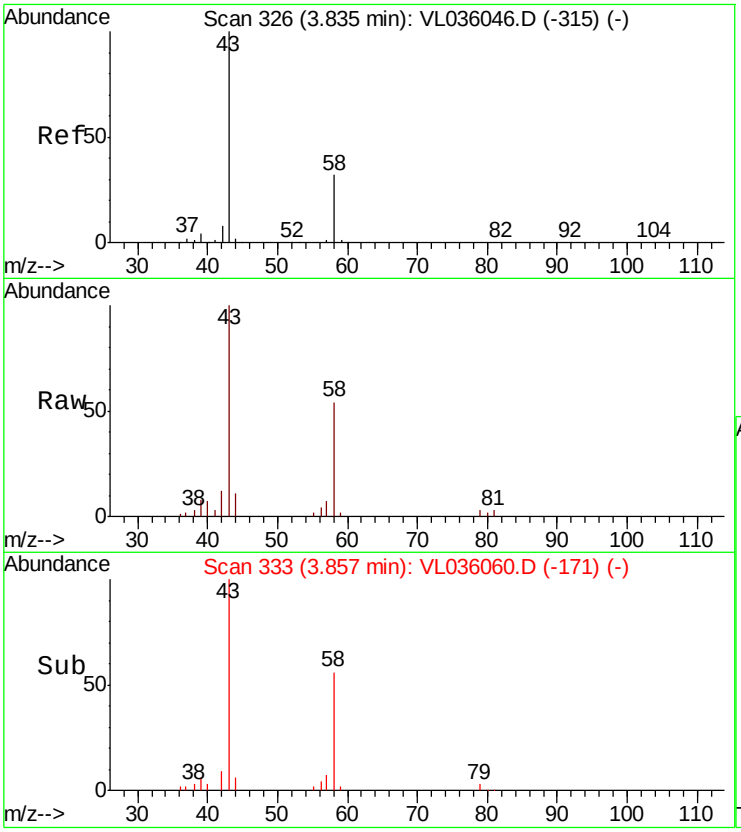


#13
Ethanol
Concen: 0.075 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.01 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Tgt Ion: 45 Resp: 610

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.0	64.2#



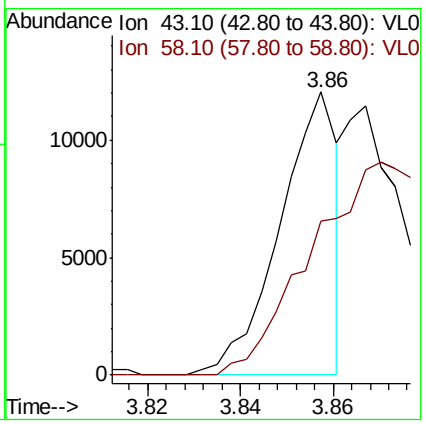


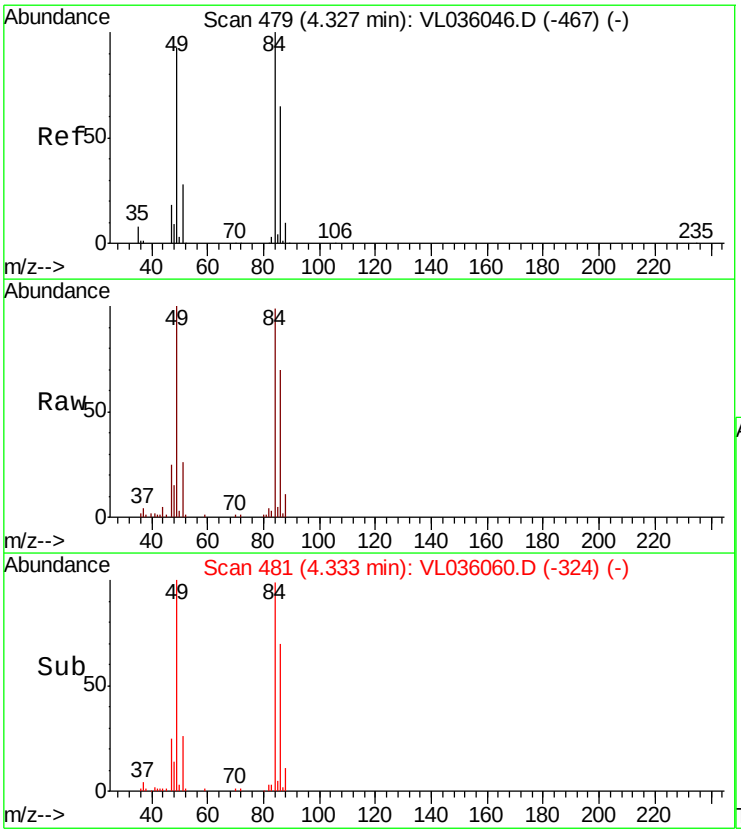
#15
Acetone
Concen: 0.092 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
QC120120 CAN 10258

Tgt Ion: 43 Resp: 10376

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.0	40.6#

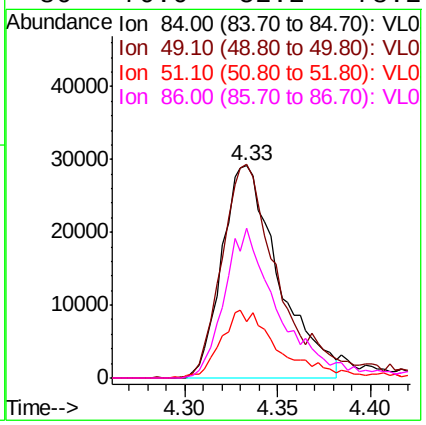


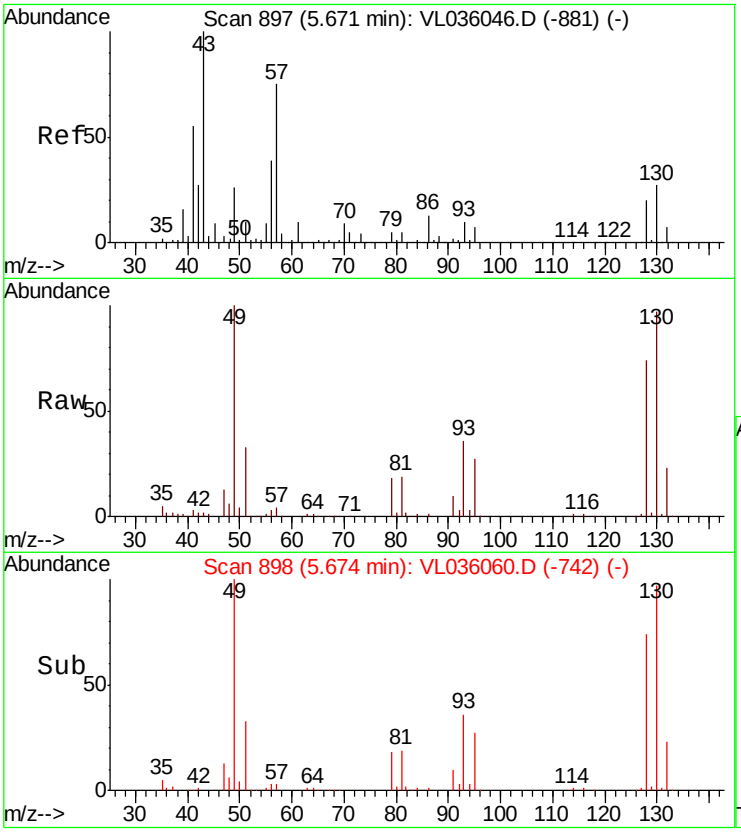


#20
Methylene Chloride
Concen: 0.669 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Tgt Ion: 84 Resp: 62082

Ion	Ratio	Lower	Upper
84	100		
49	99.8	74.4	111.6
51	25.2	22.5	33.7
86	70.0	52.2	78.2



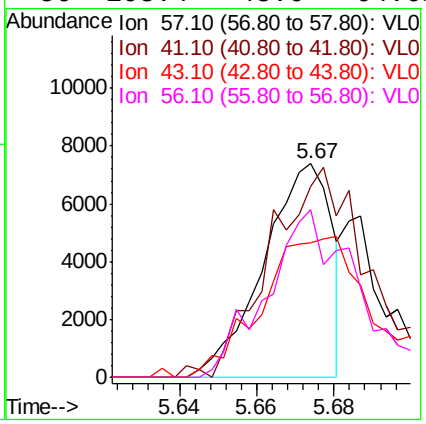


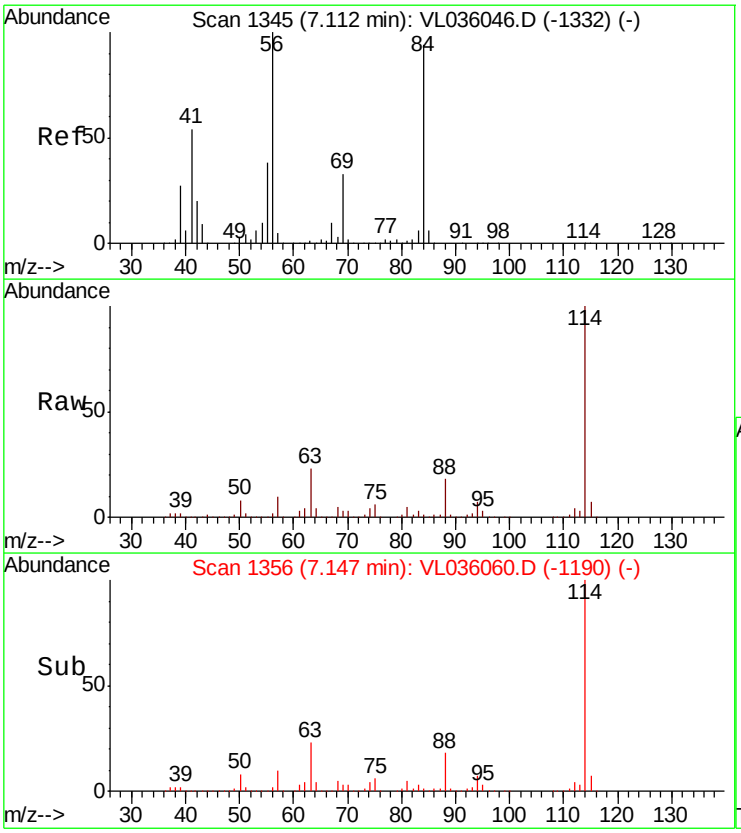
#26
Hexane
Concen: 0.077 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
QC120120 CAN 10258

Tgt Ion: 57 Resp: 9097

Ion	Ratio	Lower	Upper
57	100		
41	152.2	61.6	92.4#
43	115.5	152.9	229.3#
56	108.4	43.0	64.6#

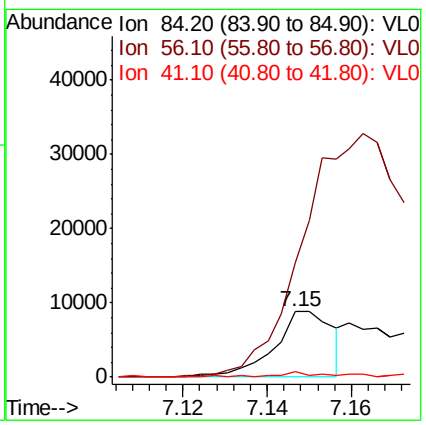


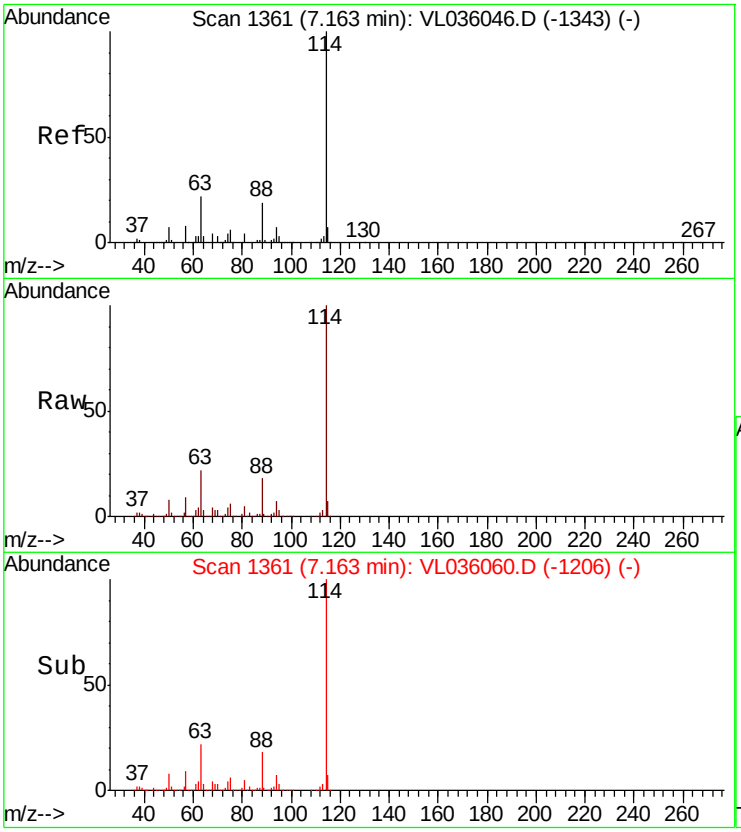


#30
Cyclohexane
Concen: 0.080 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.04 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Tgt Ion: 84 Resp: 8487

Ion	Ratio	Lower	Upper
84	100		
56	0.0	89.9	134.9#
41	11.1	46.1	69.1#



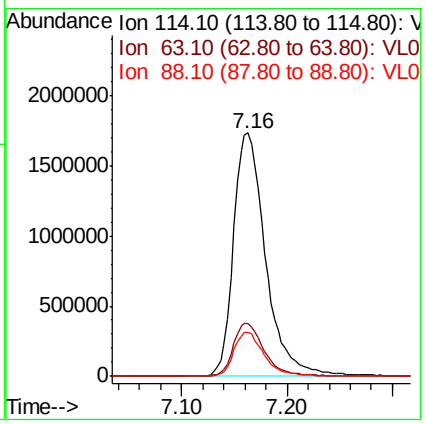


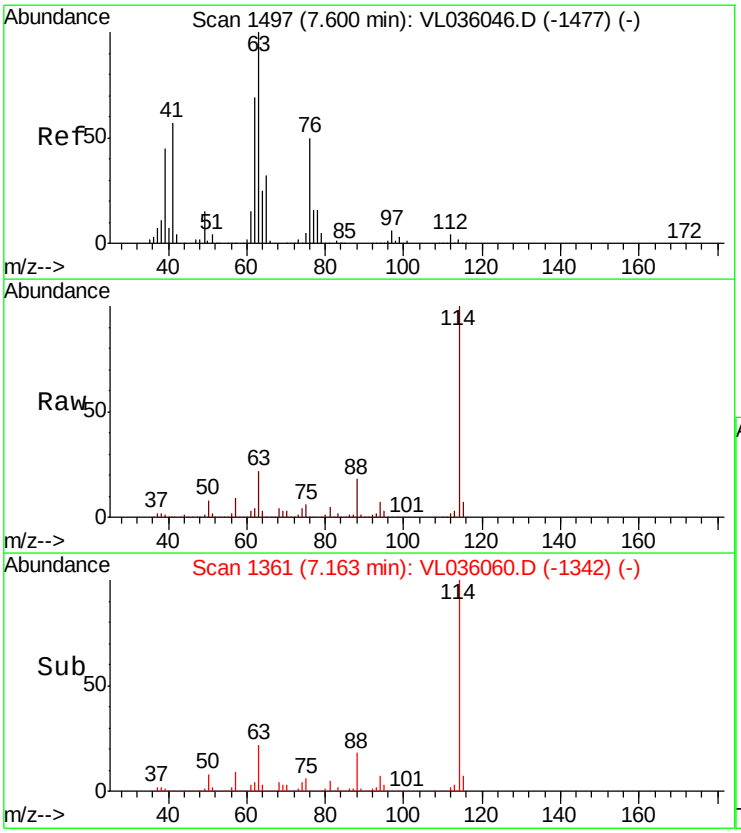
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
QC120120 CAN 10258

Tgt Ion:114 Resp: 3651375

Ion	Ratio	Lower	Upper
114	100		
63	21.4	17.2	25.8
88	17.6	14.0	21.0

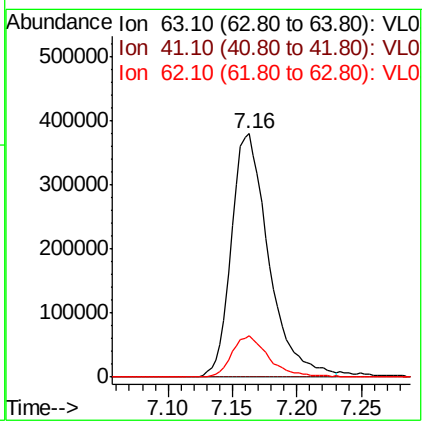


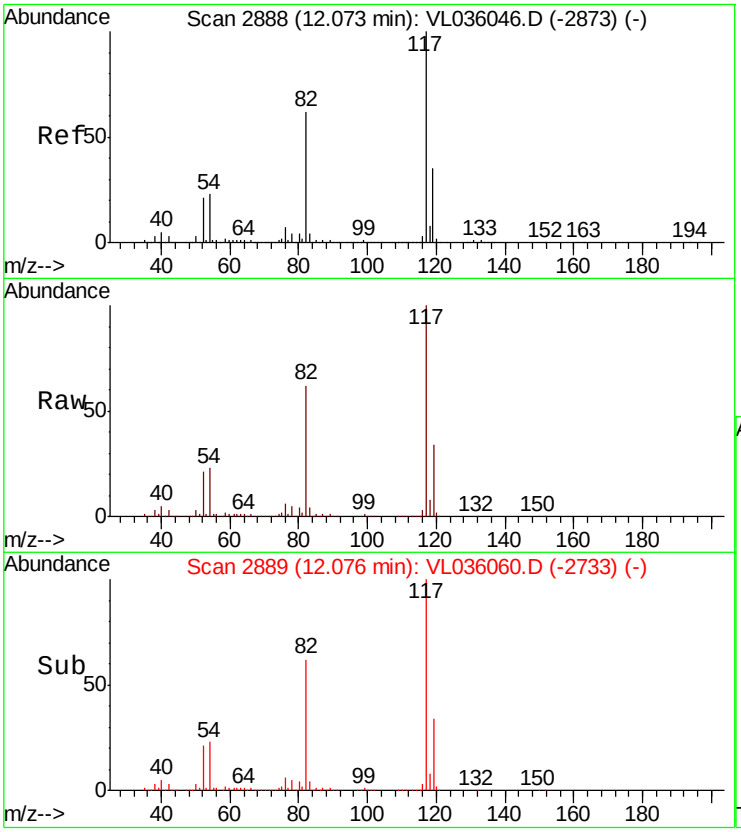


#39
1,2-Dichloropropane
Concen: 8.043 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.44 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Tgt Ion: 63 Resp: 765234

Ion	Ratio	Lower	Upper
63	100		
41	0.1	45.4	68.0#
62	17.1	55.3	82.9#



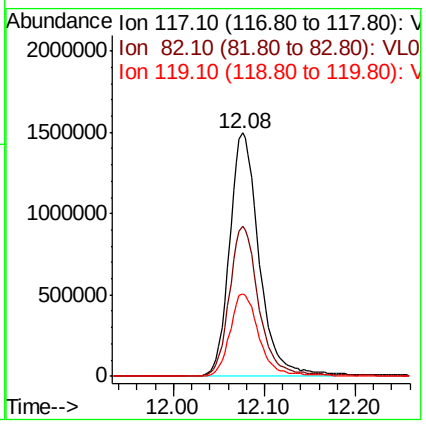


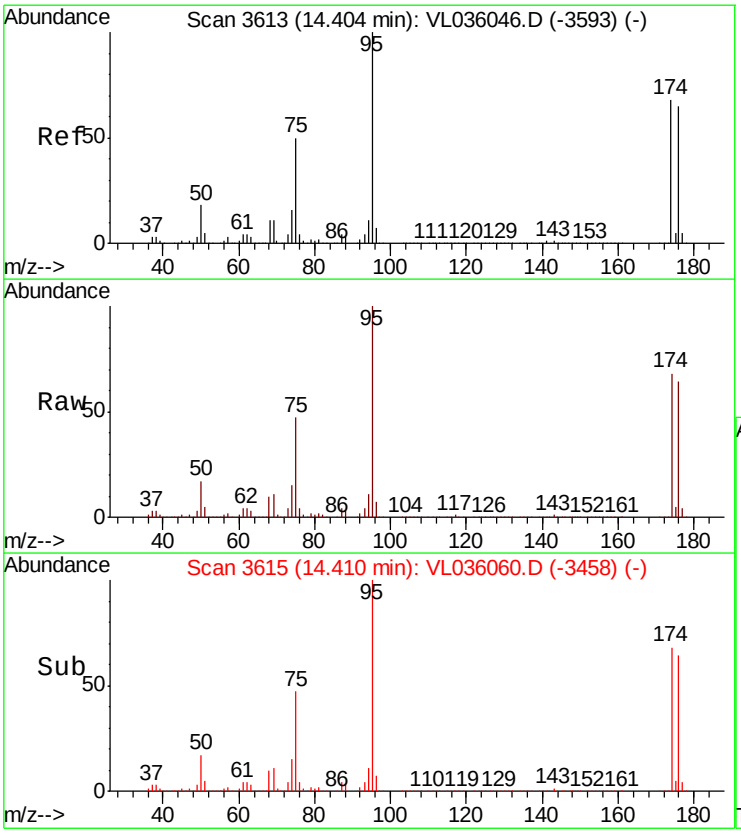
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
QC120120 CAN 10258

Tgt Ion:117 Resp: 3368681

Ion	Ratio	Lower	Upper
117	100		
82	63.0	49.9	74.9
119	34.0	28.7	43.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.915 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.01 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Tgt Ion: 95 Resp: 2541670

Ion	Ratio	Lower	Upper
95	100		
174	69.8	54.2	81.2
175	4.9	3.8	5.8