Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111020\
Data File : VL035898.D
Acq On : 10 Nov 2020 21:10
Operator : SY/AP
Sample : QC102920 CAN 10604
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC102920 CAN 10604

Quant Time: Nov 11 01:24:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1056552	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3814391	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3600090	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2553706	9.98	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.80%			
Target Compounds						Qvalue
9) Propene	3.01	41	2879	0.062	ppbv	99
15) Acetone	3.87	43	13780	0.122	ppbv #	1
20) Methylene Chloride	4.33	84	9209	0.116	ppbv #	80
30) Cyclohexane	7.15	84	7311	0.055	ppbv #	6
39) 1,2-Dichloropropane	7.16	63	779901	8.169	ppbv #	31

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

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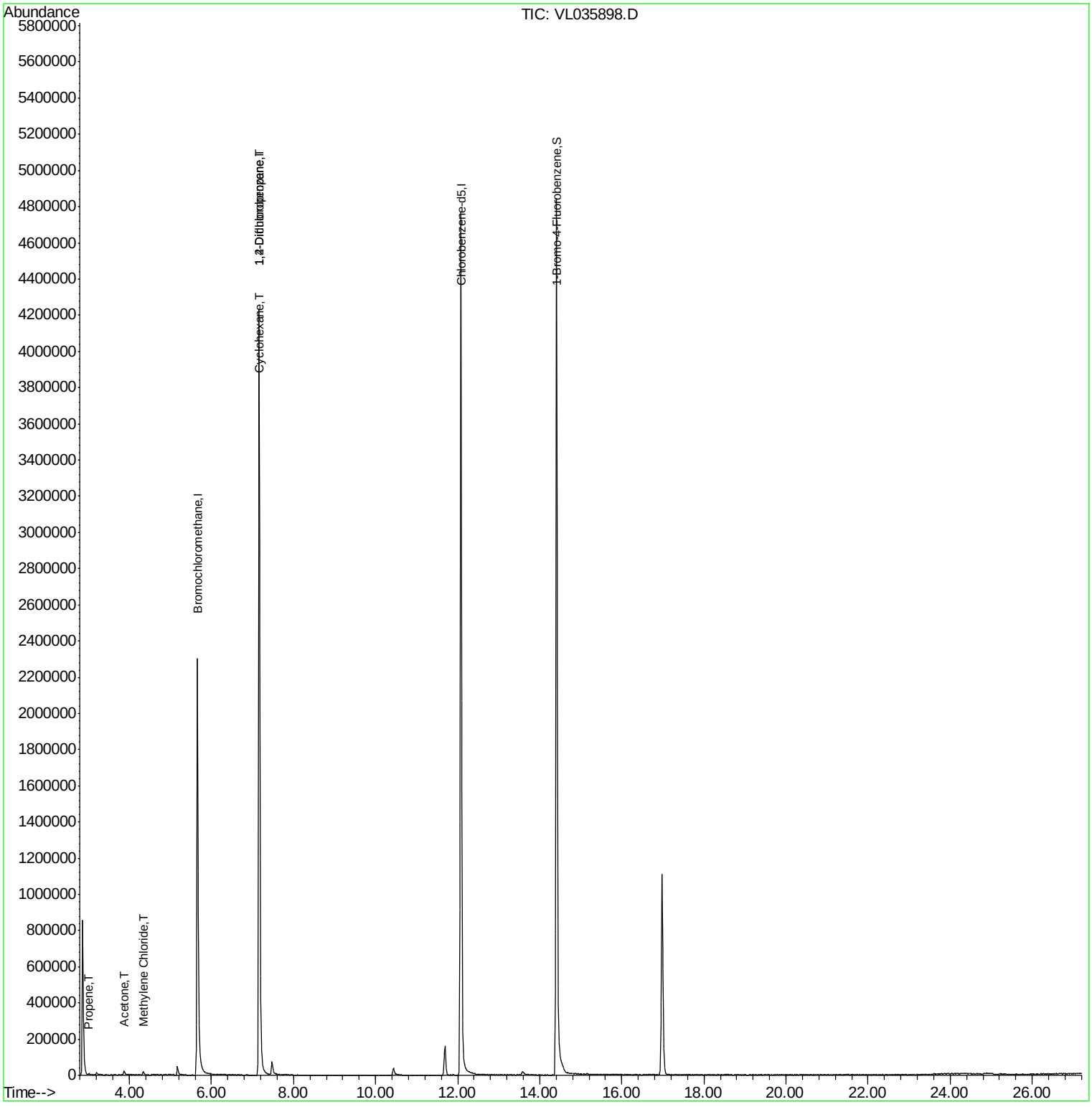
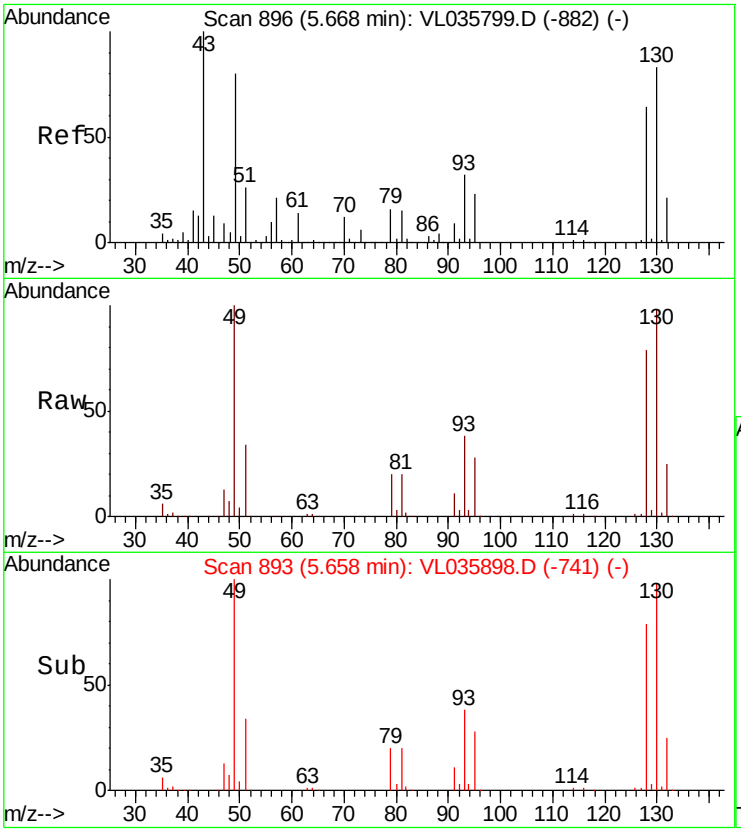


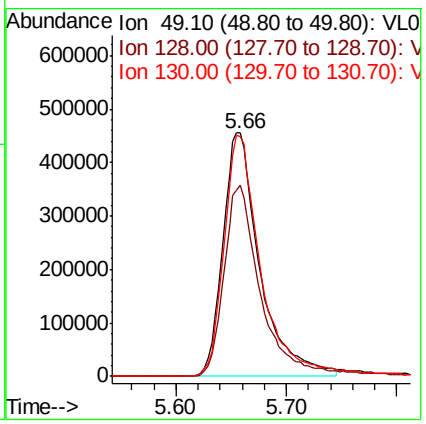


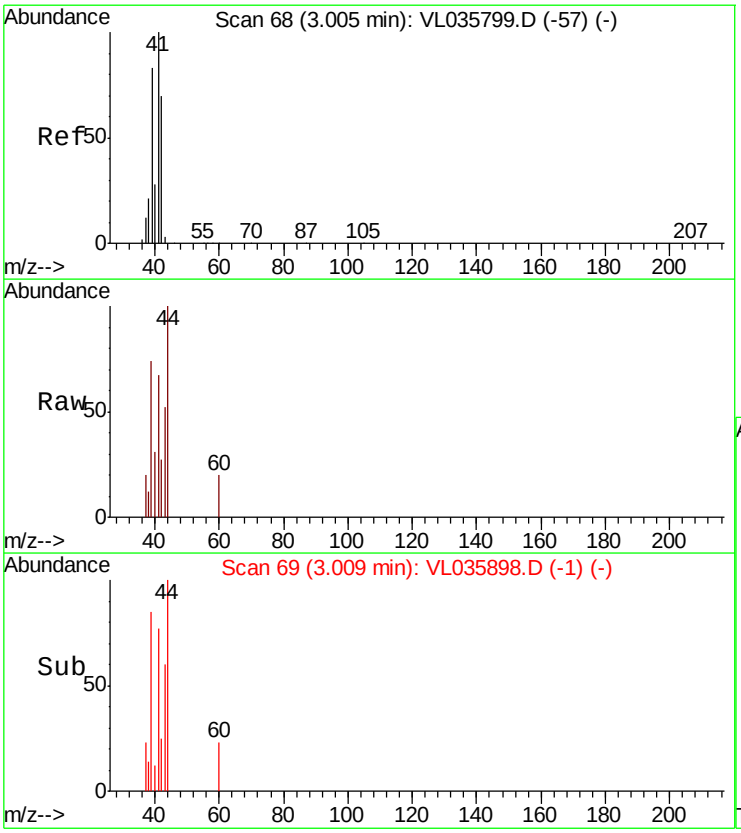
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL035898.D
Acq: 10 Nov 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
QC102920 CAN 10604

Tgt Ion: 49 Resp: 1056552

Ion	Ratio	Lower	Upper
49	100		
128	78.7	41.5	124.6
130	102.2	53.7	161.1

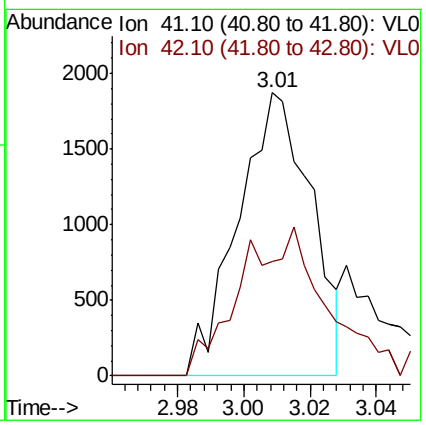


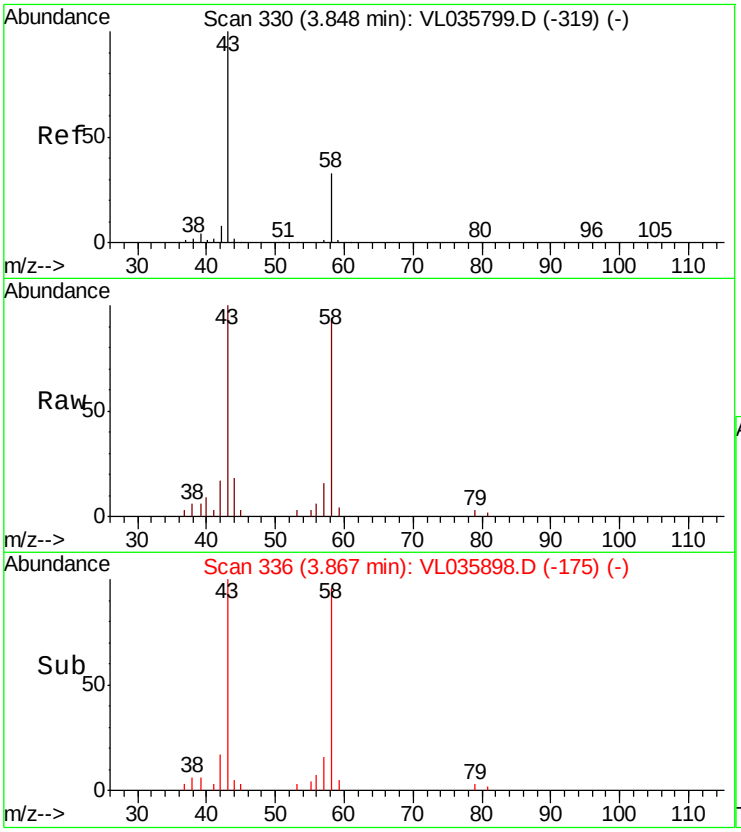


#9
Propene
Concen: 0.062 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.00 min
Lab File: VL035898.D
Acq: 10 Nov 2020 21:10

Tgt Ion: 41 Resp: 2879

Ion	Ratio	Lower	Upper
41	100		
42	69.7	56.2	84.4



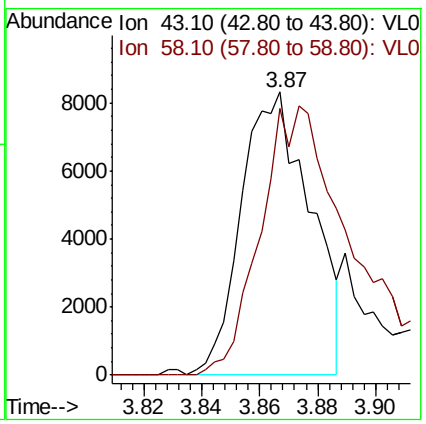


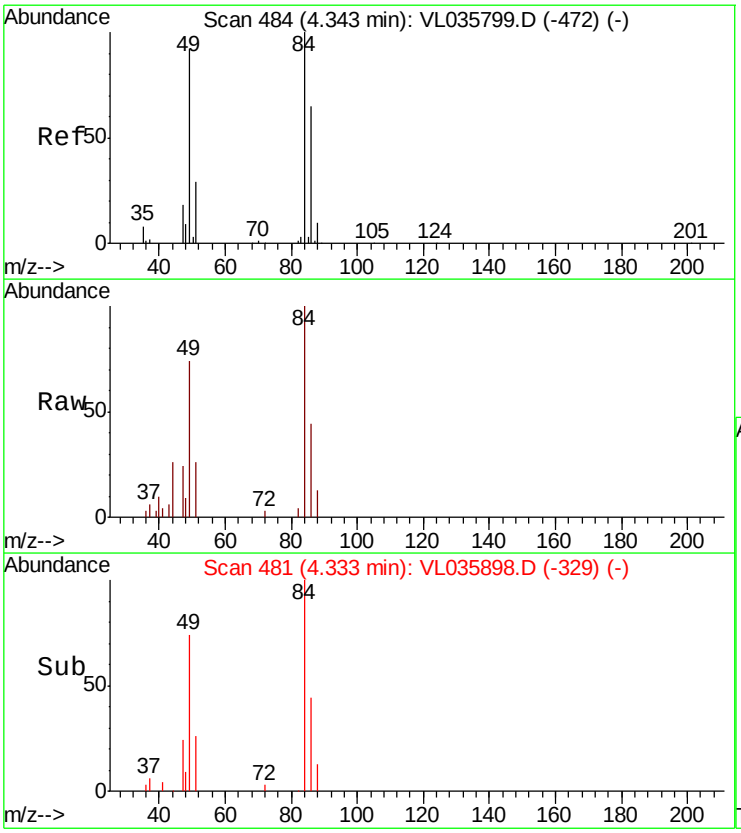
#15
Acetone
Concen: 0.122 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.02 min
Lab File: VL035898.D
Acq: 10 Nov 2020 21:10

Instrument : MSVOA_L
ClientSampleId : QC102920 CAN 10604

Tgt Ion: 43 Resp: 13780

Ion	Ratio	Lower	Upper
43	100		
58	133.4	27.5	41.3#

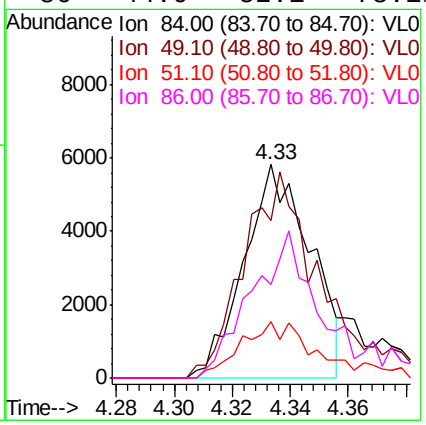


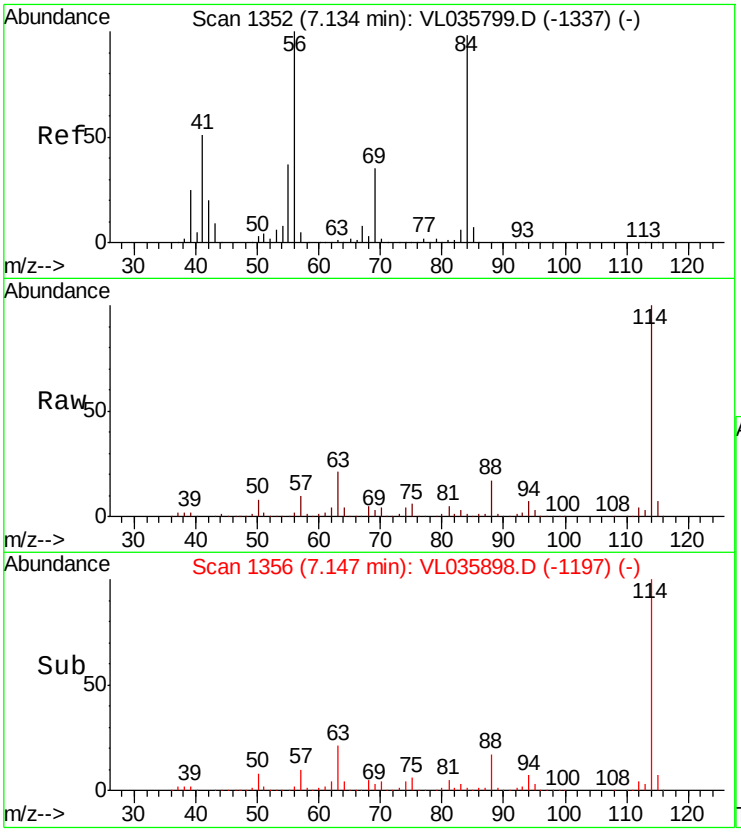


#20
Methylene Chloride
Concen: 0.116 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL035898.D
Acq: 10 Nov 2020 21:10

Tgt Ion: 84 Resp: 9209

Ion	Ratio	Lower	Upper
84	100		
49	74.0	73.8	110.8
51	26.4	23.0	34.4
86	44.0	52.1	78.1#



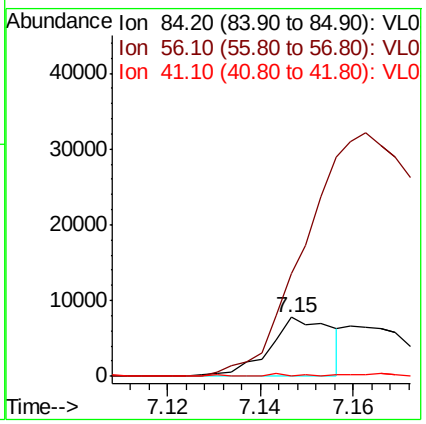


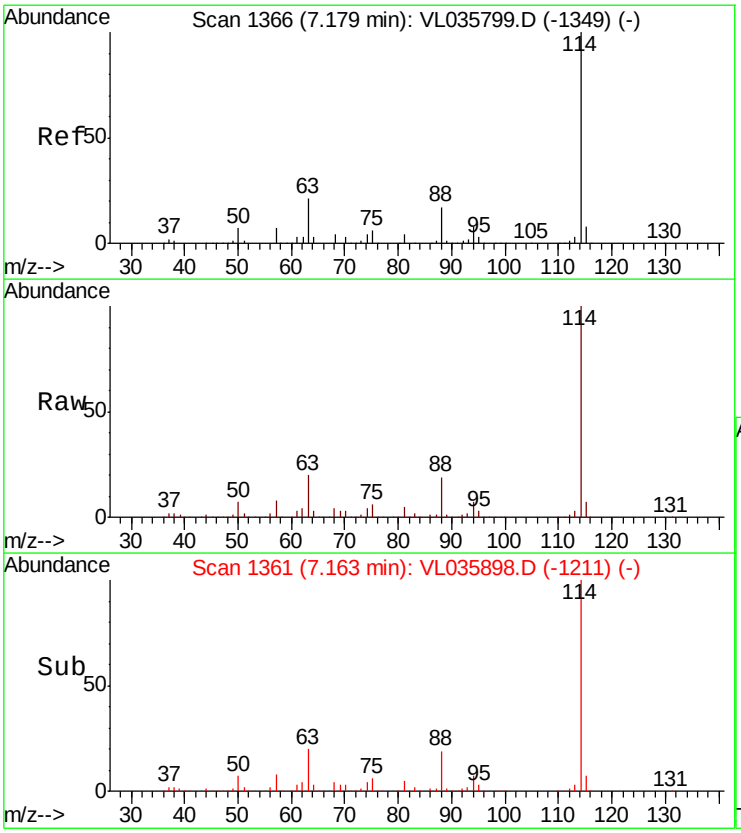
#30
Cyclohexane
Concen: 0.055 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.01 min
Lab File: VL035898.D
Acq: 10 Nov 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
QC102920 CAN 10604

Tgt Ion: 84 Resp: 7311

Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	0.0	42.1	63.1#

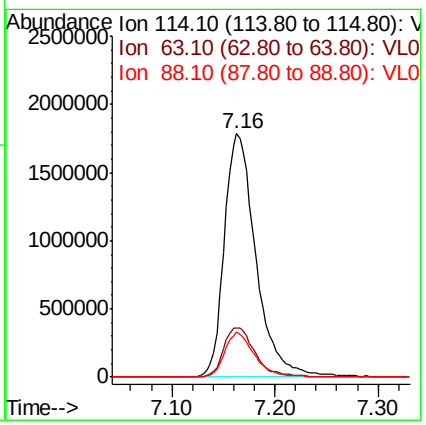


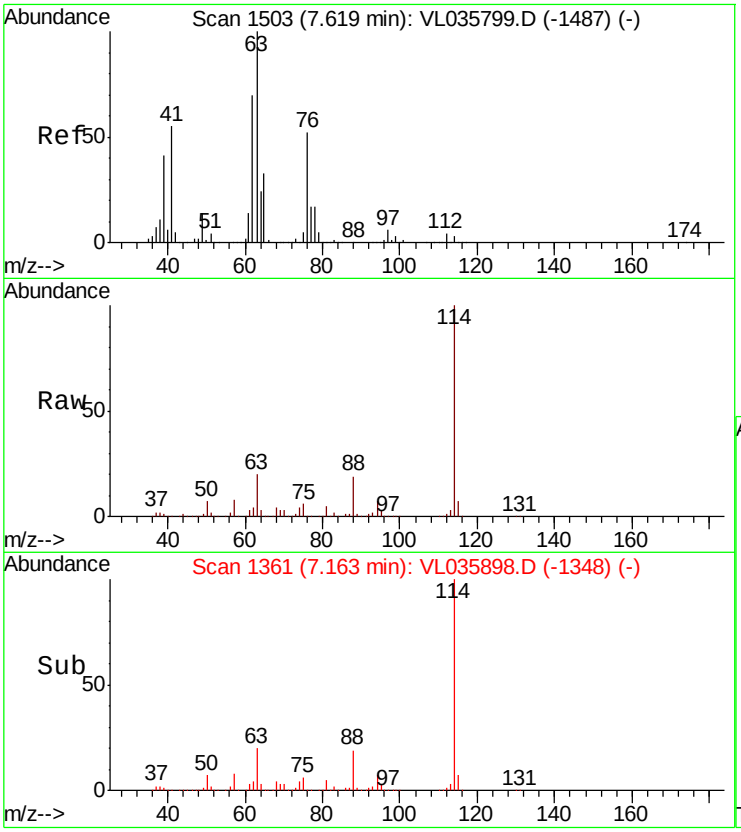


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL035898.D
Acq: 10 Nov 2020 21:10

Tgt Ion:114 Resp: 3814391

Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.1	24.1
88	17.6	13.7	20.5



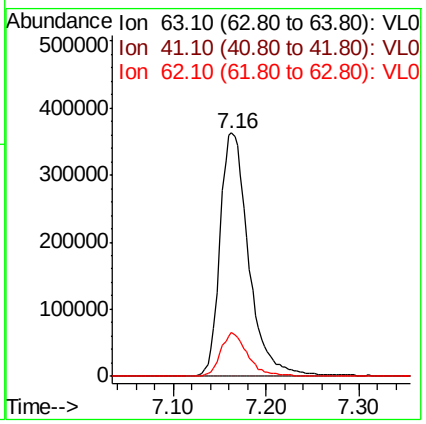


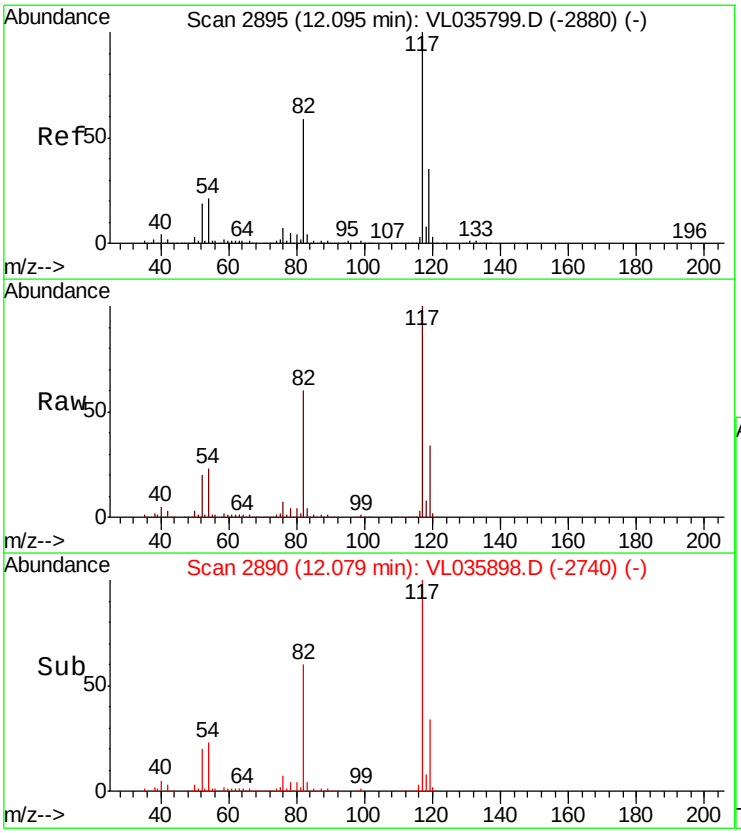
#39
1,2-Dichloropropane
Concen: 8.169 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.46 min
Lab File: VL035898.D
Acq: 10 Nov 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
QC102920 CAN 10604

Tgt Ion: 63 Resp: 779901

Ion	Ratio	Lower	Upper
63	100		
41	0.1	43.8	65.6#
62	17.9	56.2	84.2#

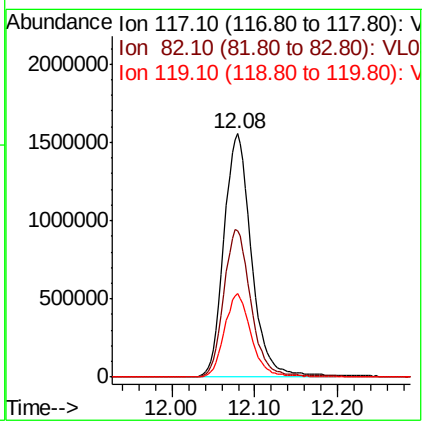


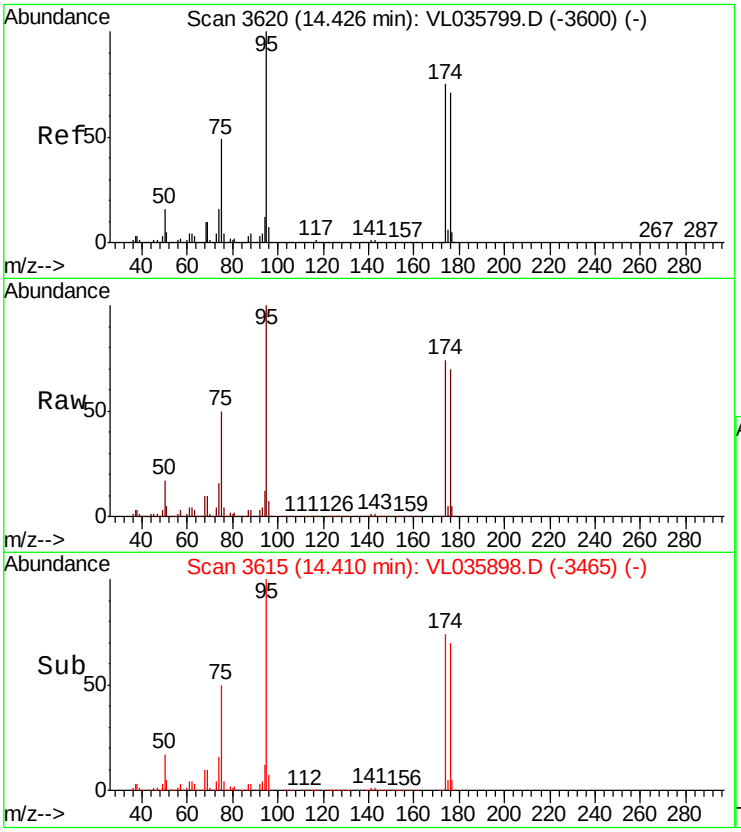


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.02 min
Lab File: VL035898.D
Acq: 10 Nov 2020 21:10

Tgt Ion:117 Resp: 3600090

Ion	Ratio	Lower	Upper
117	100		
82	60.3	50.6	76.0
119	33.4	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.984 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL035898.D
Acq: 10 Nov 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
QC102920 CAN 10604

Tgt Ion: 95 Resp: 2553706

Ion	Ratio	Lower	Upper
95	100		
174	76.4	59.8	89.6
175	5.4	4.3	6.5