Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110420\
Data File : VL035851.D
Acq On : 5 Nov 2020 3:20
Operator : SY/AP
Sample : QC102020 CAN 10315
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 05 04:52:16 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	5.64	49	827941	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3269359	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	2970046	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2148744	10.18	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%			
Target Compounds						Qvalue
13) Ethanol	3.59	45	909	0.115	ppbv #	35
15) Acetone	3.84	43	19610	0.222	ppbv #	1
20) Methylene Chloride	4.32	84	42677	0.685	ppbv	95
25) Ethyl Acetate	5.66	43	7818	0.045	ppbv #	70
26) Hexane	5.66	57	20722	0.215	ppbv #	44
30) Cyclohexane	7.13	84	7767	0.074	ppbv #	6
39) 1,2-Dichloropropane	7.14	63	632447	7.729	ppbv #	30

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

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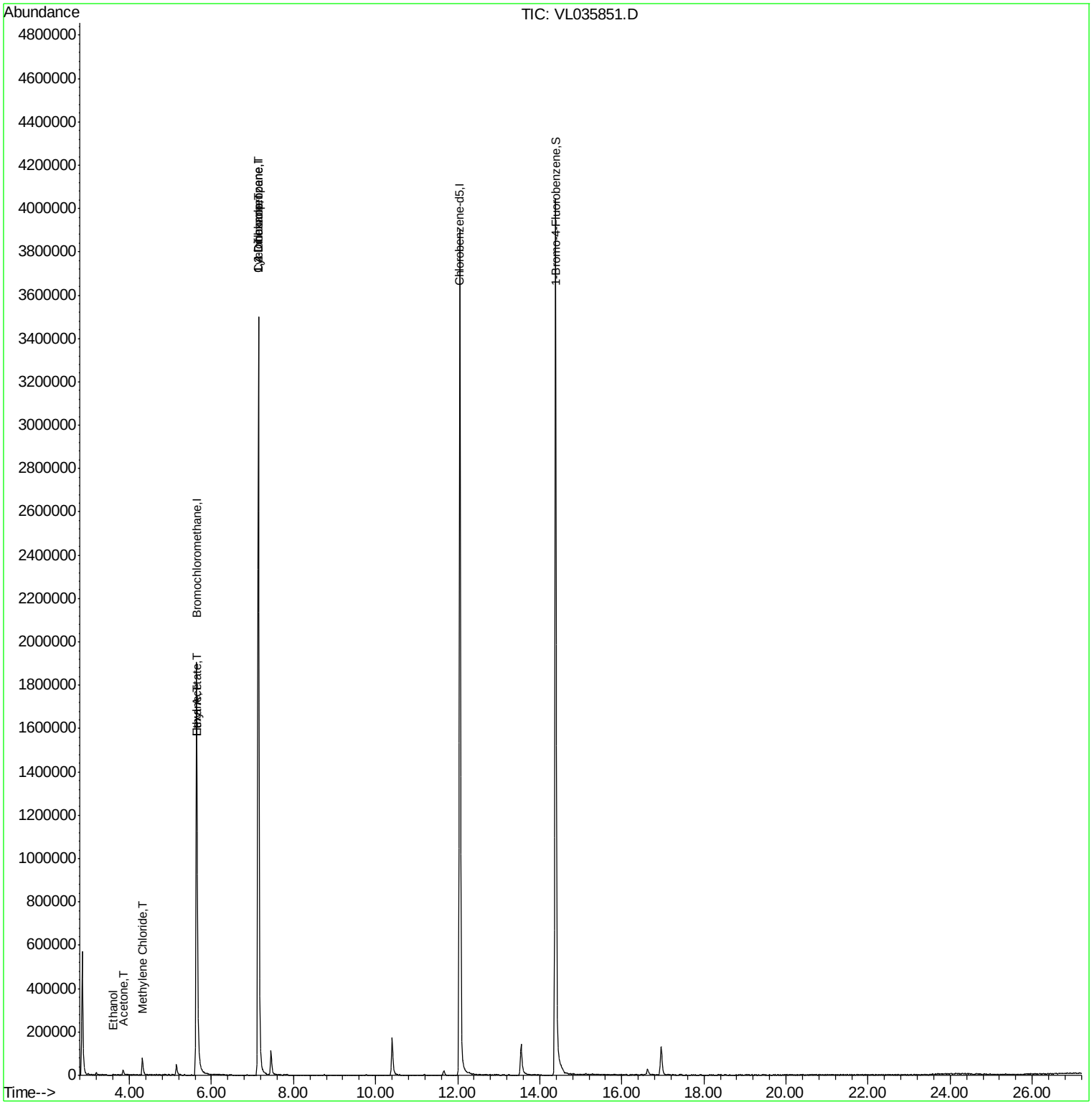
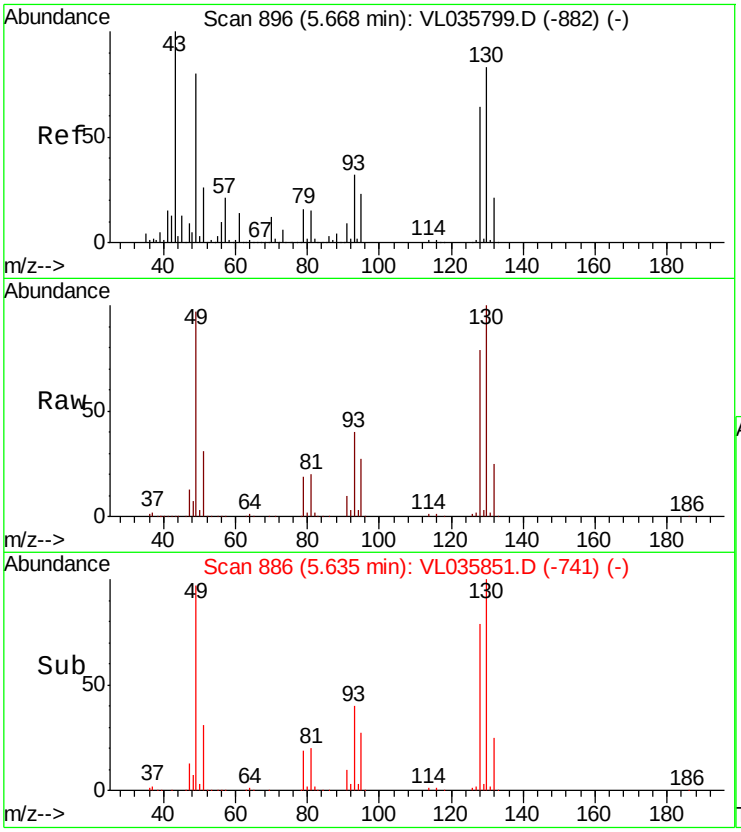


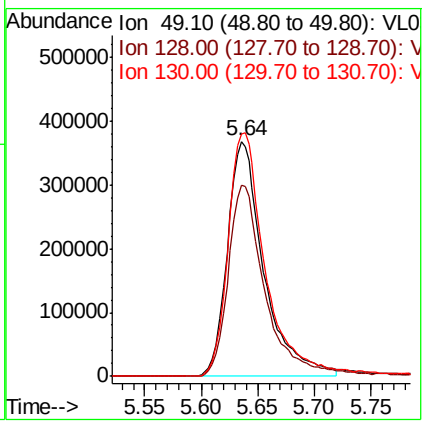


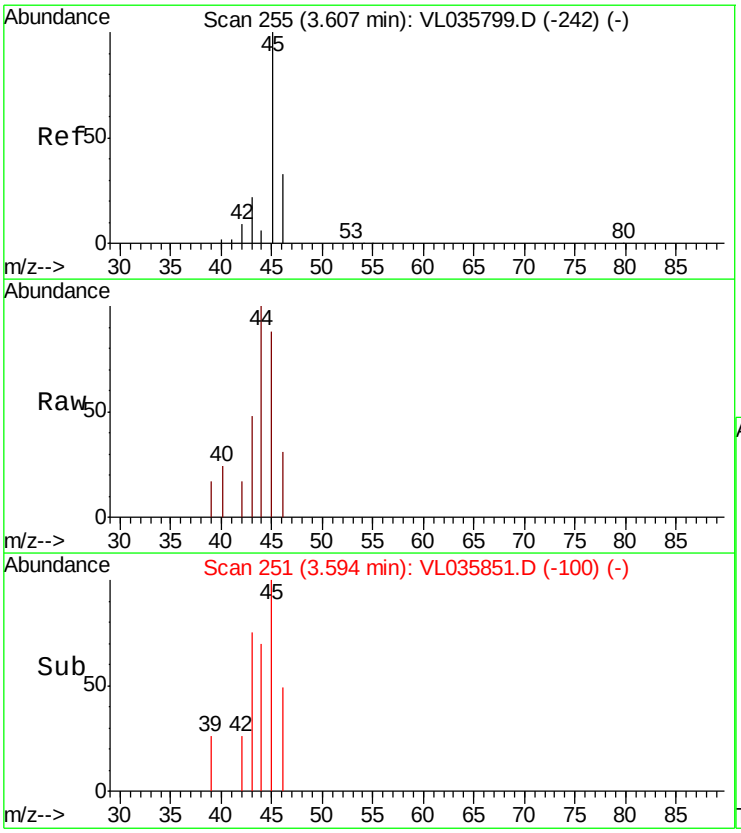
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 886
Delta R.T. -0.03 min
Lab File: VL035851.D
Acq: 5 Nov 2020 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 827941

Ion	Ratio	Lower	Upper
49	100		
128	84.4	41.5	124.6
130	109.4	53.7	161.1

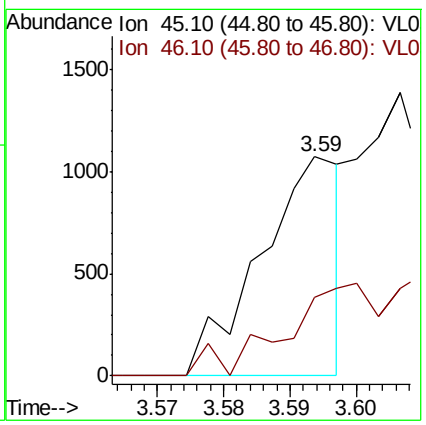


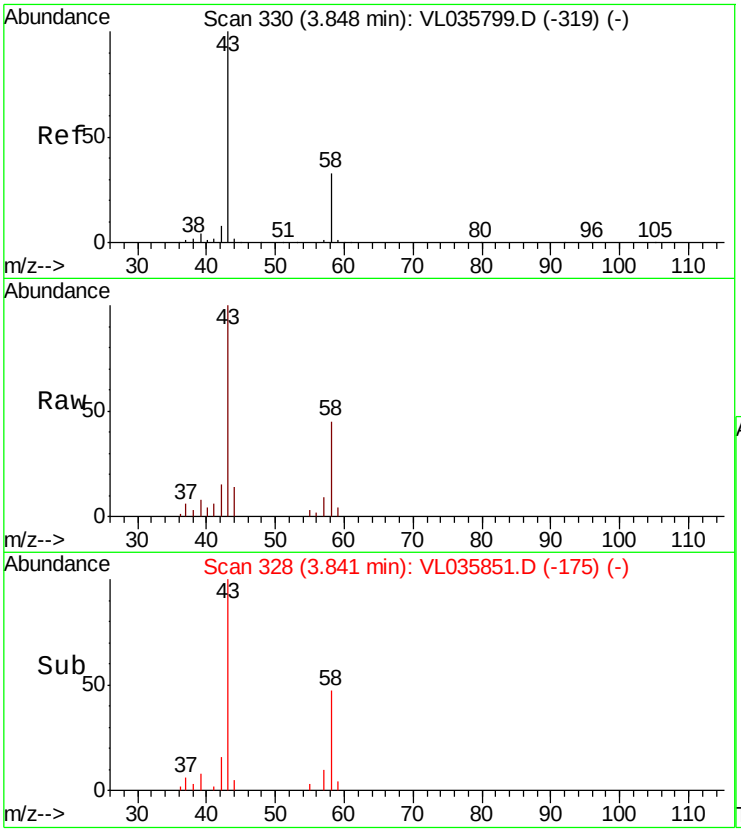


#13
Ethanol
Concen: 0.115 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.01 min
Lab File: VL035851.D
Acq: 5 Nov 2020 3:20

Tgt Ion: 45 Resp: 909

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.1	64.5#



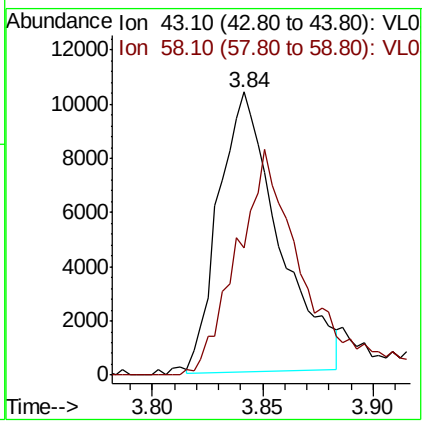


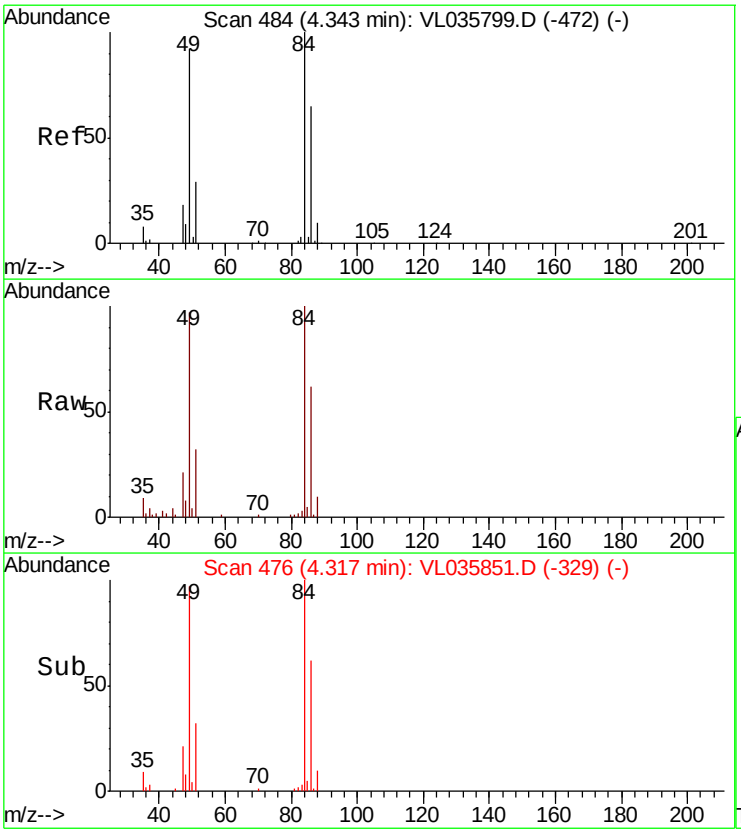
#15
Acetone
Concen: 0.222 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL035851.D
Acq: 5 Nov 2020 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 19610

Ion	Ratio	Lower	Upper
43	100		
58	91.7	27.5	41.3#

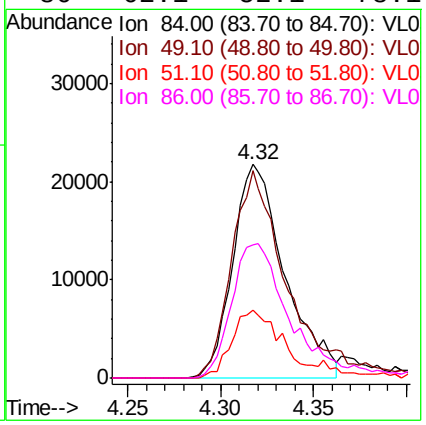


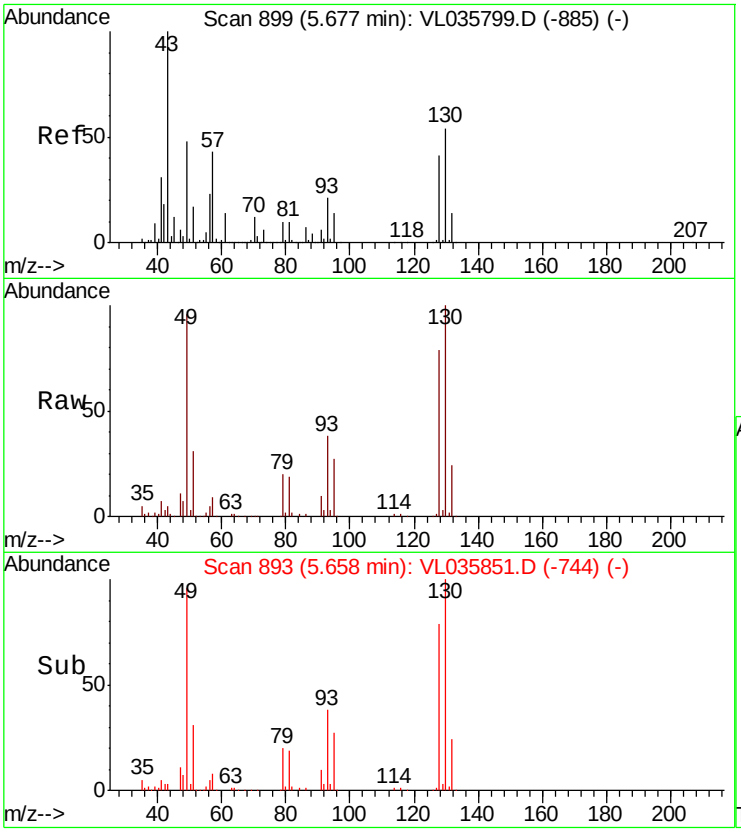


#20
Methylene Chloride
Concen: 0.685 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035851.D
Acq: 5 Nov 2020 3:20

Tgt Ion: 84 Resp: 42677

Ion	Ratio	Lower	Upper
84	100		
49	97.3	73.8	110.8
51	31.9	23.0	34.4
86	62.1	52.1	78.1



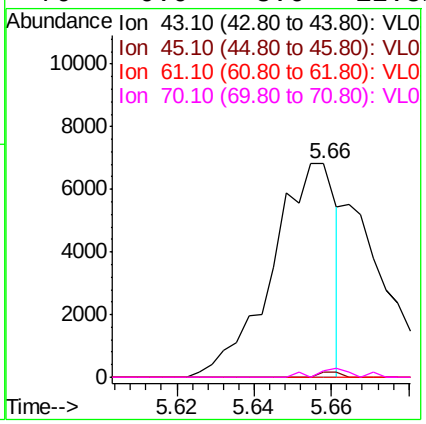


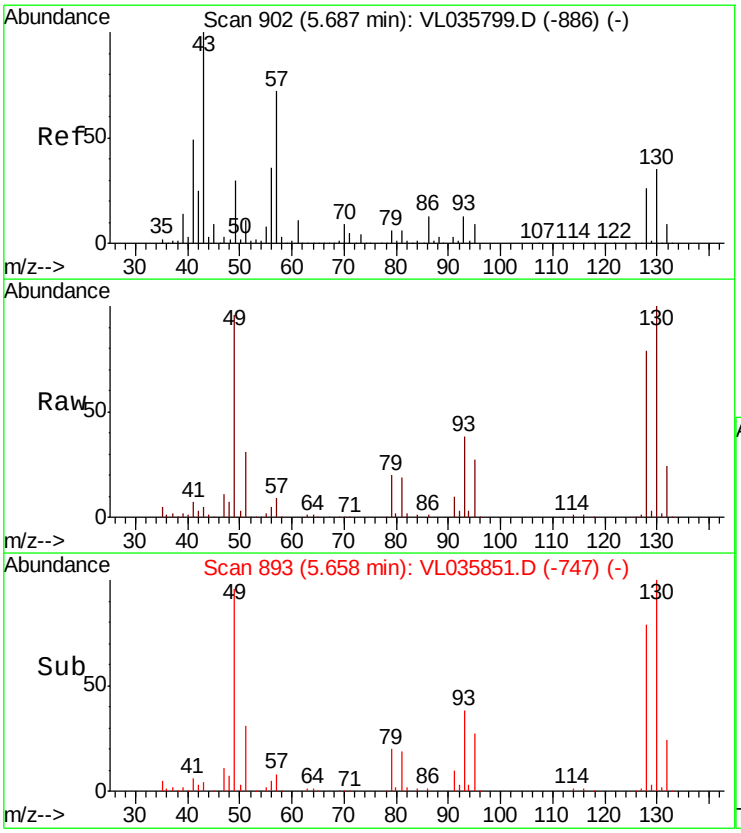
#25
Ethyl Acetate
Concen: 0.045 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL035851.D
Acq: 5 Nov 2020 3:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 7818

Ion	Ratio	Lower	Upper
43	100		
45	0.9	8.5	12.7#
61	0.0	10.7	16.1#
70	0.0	8.6	12.8#

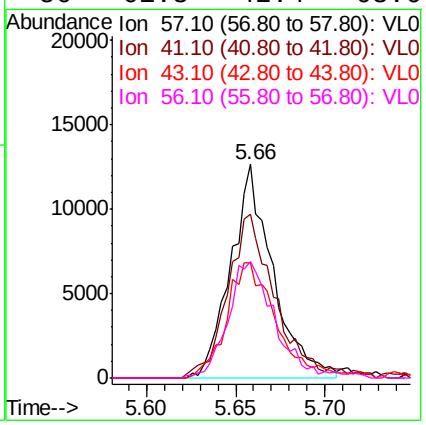


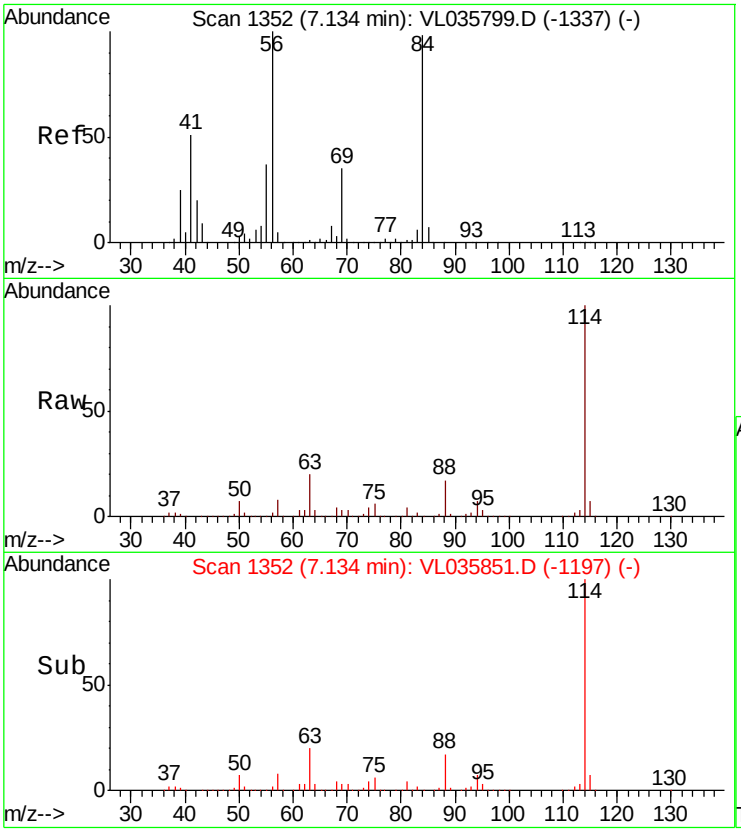


#26
Hexane
Concen: 0.215 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035851.D
Acq: 5 Nov 2020 3:20

Tgt Ion: 57 Resp: 20722

Ion	Ratio	Lower	Upper
57	100		
41	88.5	58.9	88.3#
43	66.0	150.2	225.2#
56	61.3	42.4	63.6



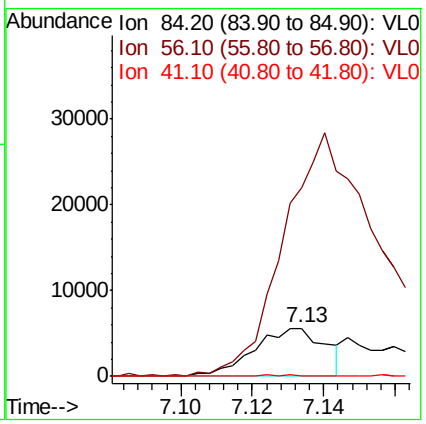


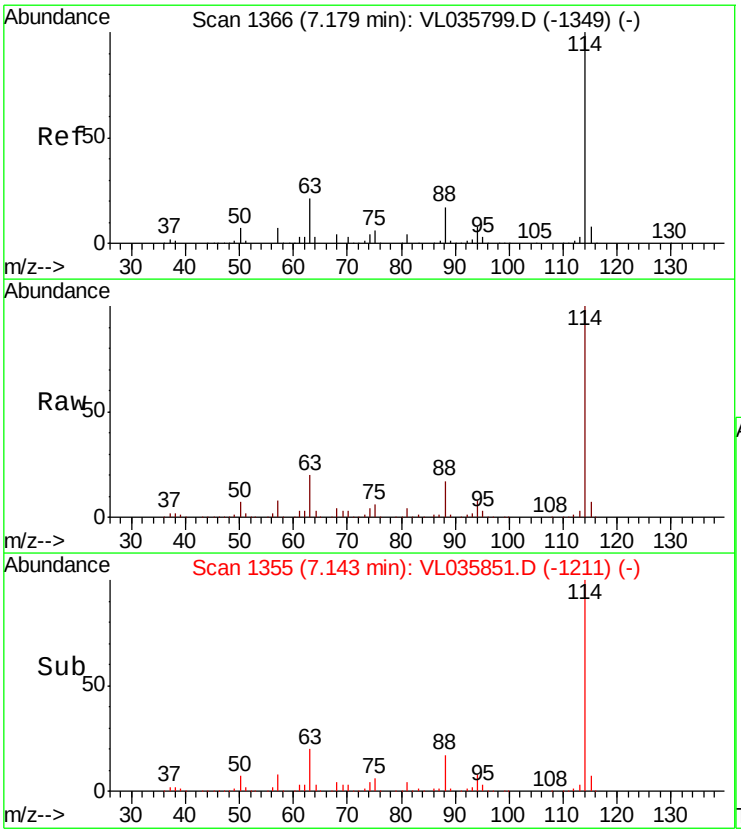
#30
Cyclohexane
Concen: 0.074 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.00 min
Lab File: VL035851.D
Acq: 5 Nov 2020 3:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 7767

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

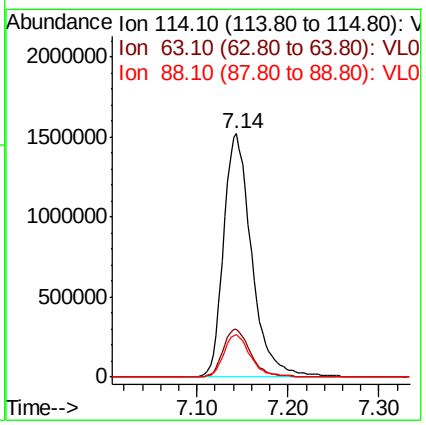


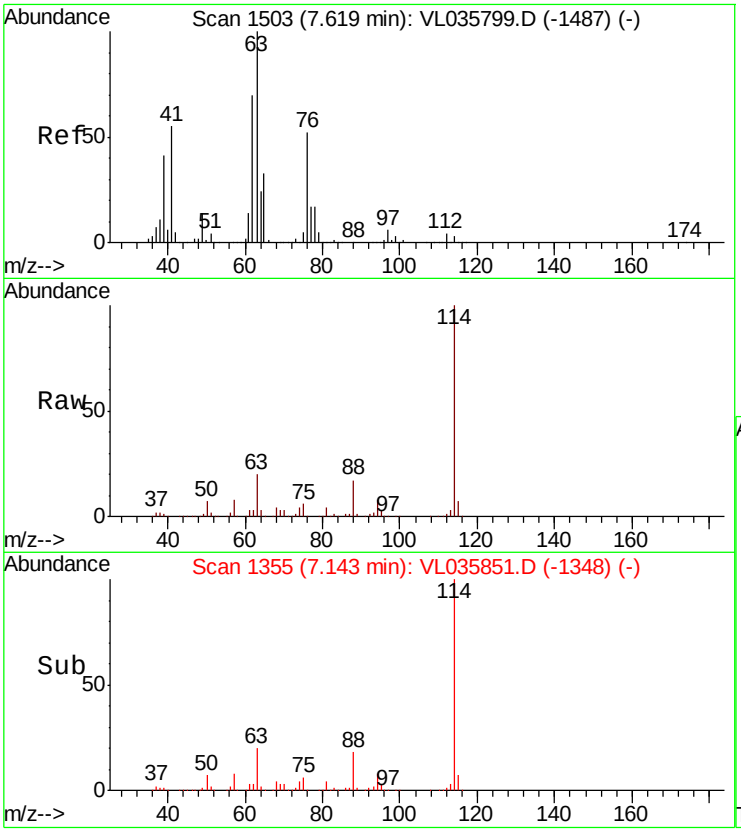


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.04 min
Lab File: VL035851.D
Acq: 5 Nov 2020 3:20

Tgt Ion:114 Resp: 3269359

Ion	Ratio	Lower	Upper
114	100		
63	19.6	16.1	24.1
88	16.9	13.7	20.5



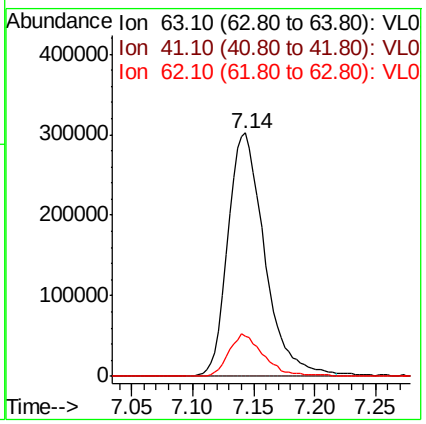


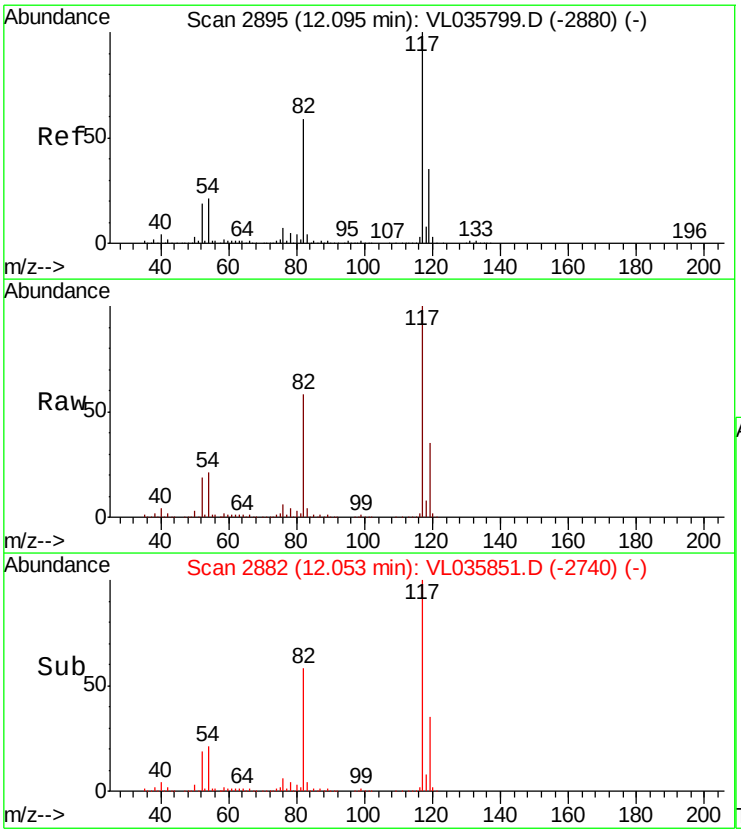
#39
1,2-Dichloropropane
Concen: 7.729 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.48 min
Lab File: VL035851.D
Acq: 5 Nov 2020 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 632447

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	16.7	56.2	84.2#

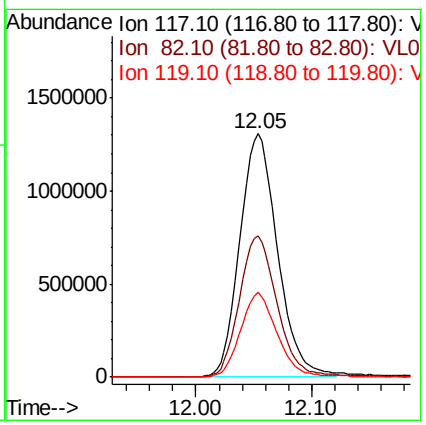


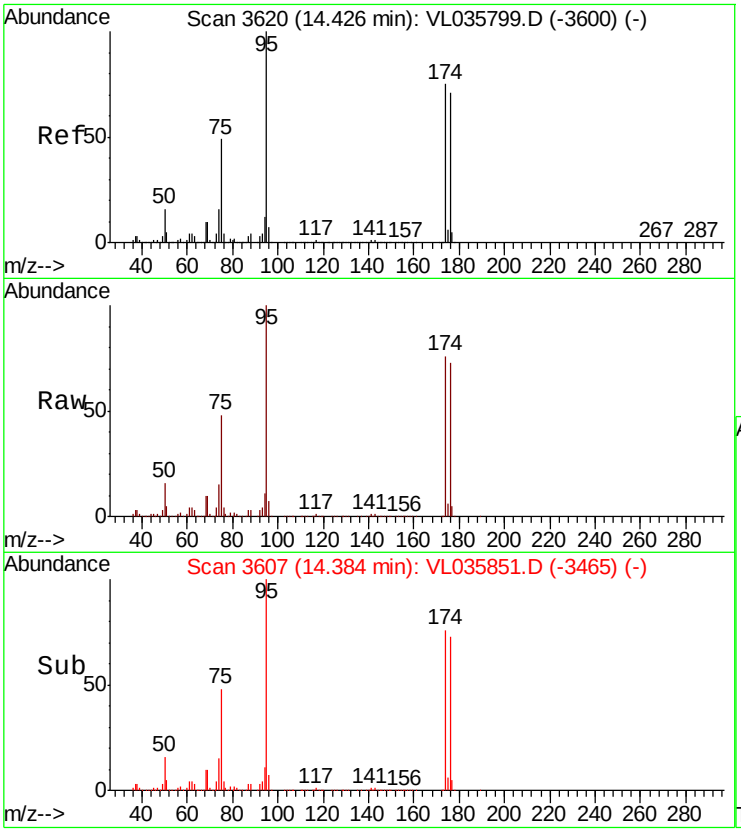


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL035851.D
Acq: 5 Nov 2020 3:20

Tgt Ion:117 Resp: 2970046

Ion	Ratio	Lower	Upper
117	100		
82	59.0	50.6	76.0
119	34.2	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.183 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.04 min
Lab File: VL035851.D
Acq: 5 Nov 2020 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2148744

Ion	Ratio	Lower	Upper
95	100		
174	78.3	59.8	89.6
175	5.4	4.3	6.5