Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111820\
Data File : VL035979.D
Acq On : 18 Nov 2020 18:45
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Nov 19 08:11:55 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	5.63	49	1129659	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	3960995	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.04	117	3682220	10.00	ppbv	-0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2752573	10.52	ppbv	-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.20%			
Target Compounds						Qvalue
13) Ethanol	3.58	45	1327	0.124	ppbv #	1
15) Acetone	3.83	43	33934	0.281	ppbv #	50
20) Methylene Chloride	4.31	84	95379	1.122	ppbv	92
25) Ethyl Acetate	5.64	43	7321	0.031	ppbv #	80
26) Hexane	5.64	57	11557	0.088	ppbv #	1
30) Cyclohexane	7.12	84	11021	0.077	ppbv #	9
39) 1,2-Dichloropropane	7.13	63	805094	8.121	ppbv #	31

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

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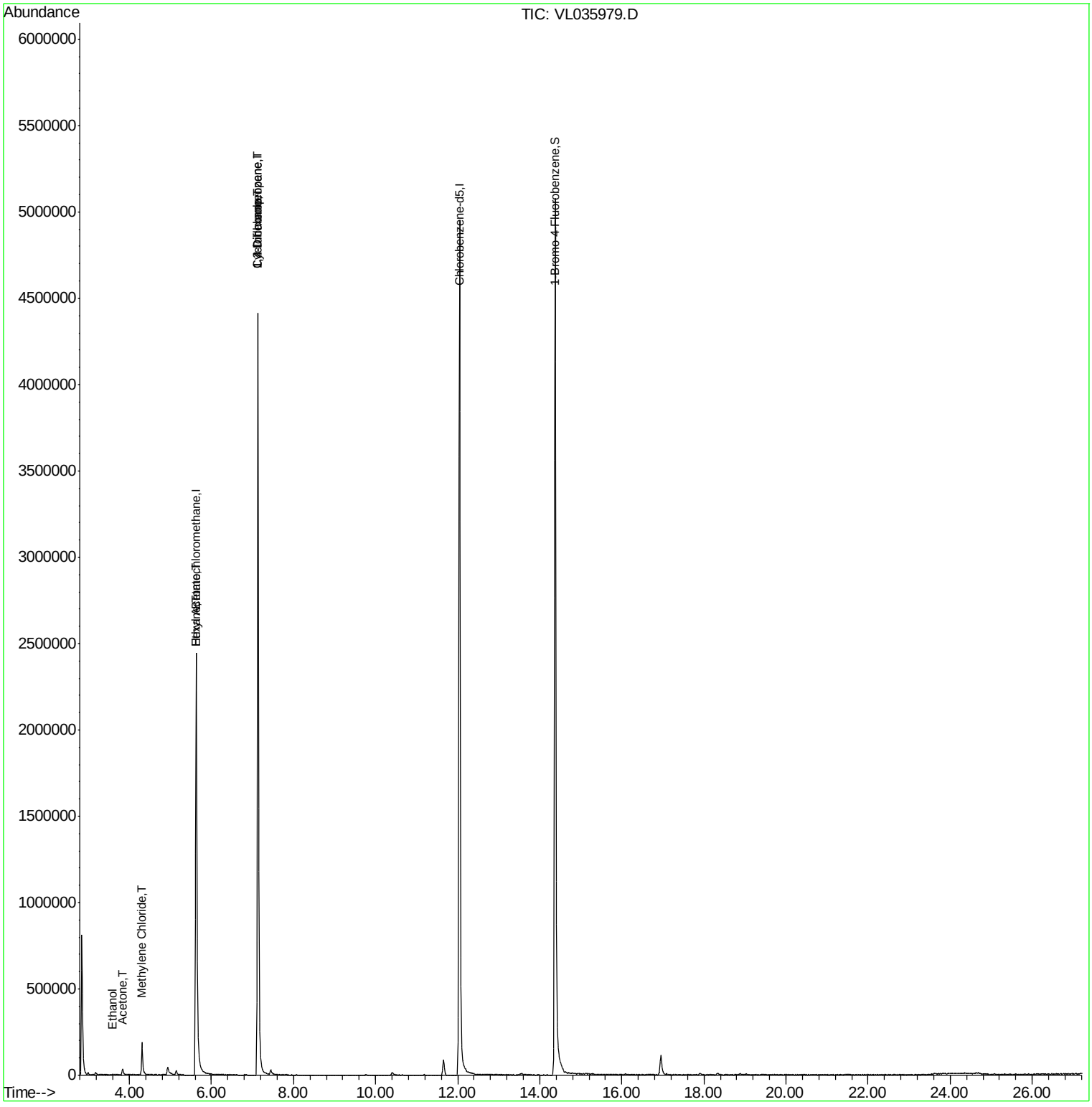
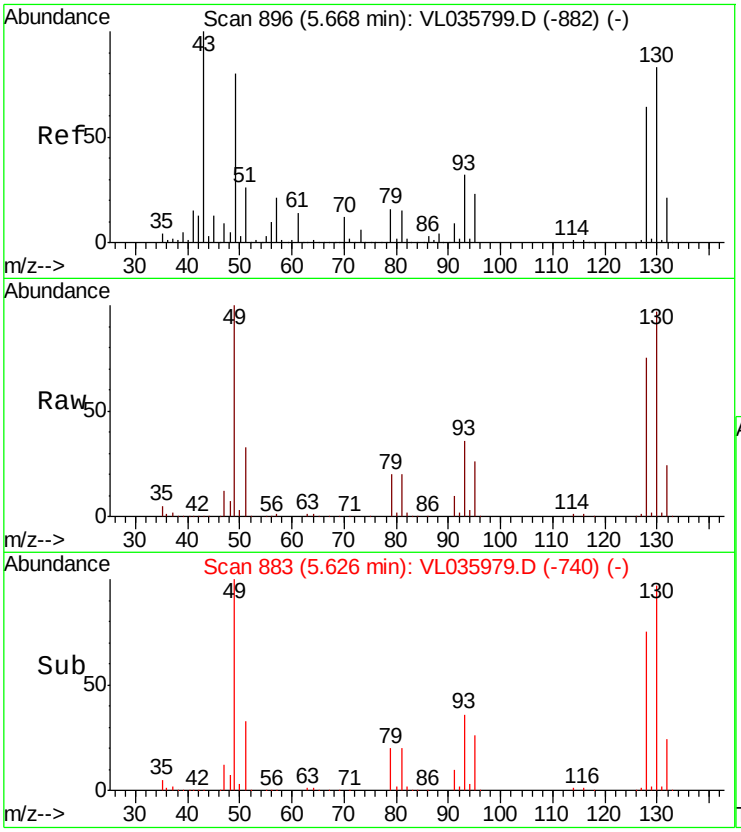


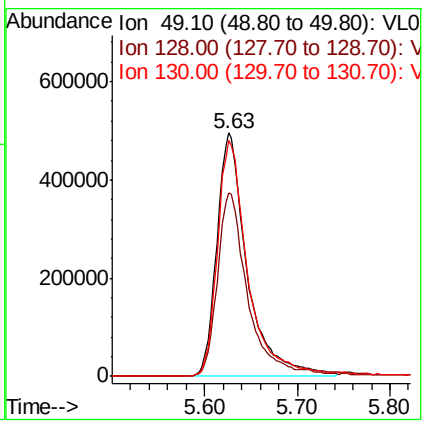


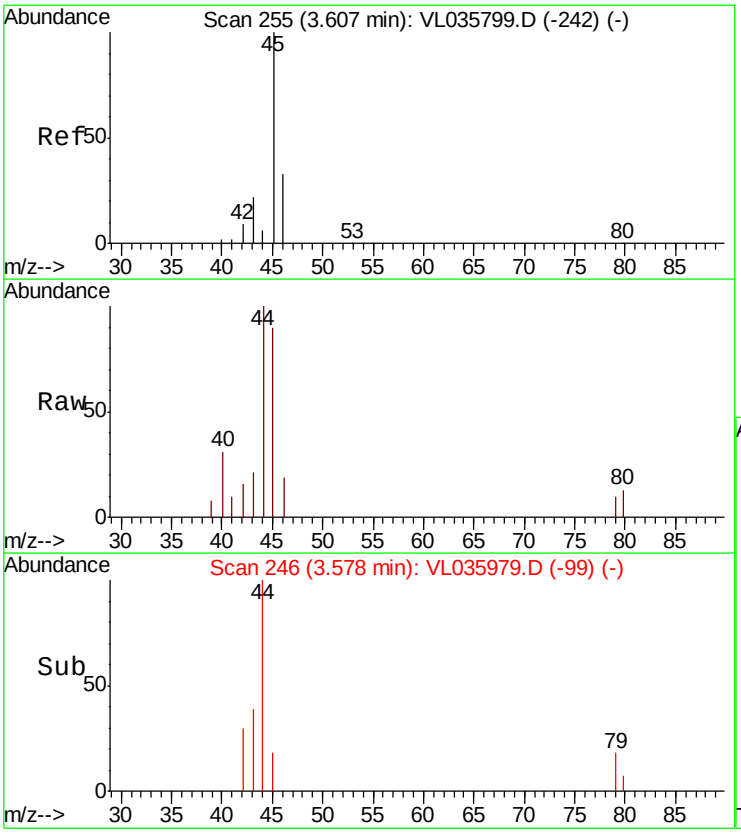
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63 min Scan# 883
Delta R.T. -0.04 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 49 Resp: 1129659

Ion	Ratio	Lower	Upper
49	100		
128	77.1	41.5	124.6
130	99.9	53.7	161.1

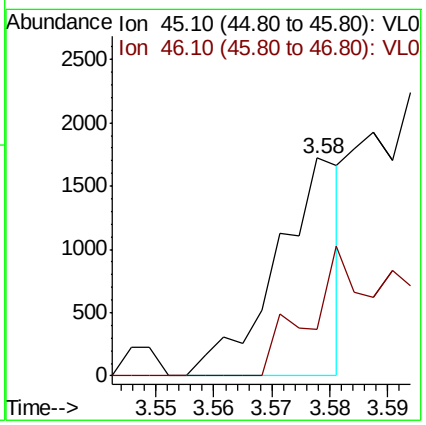


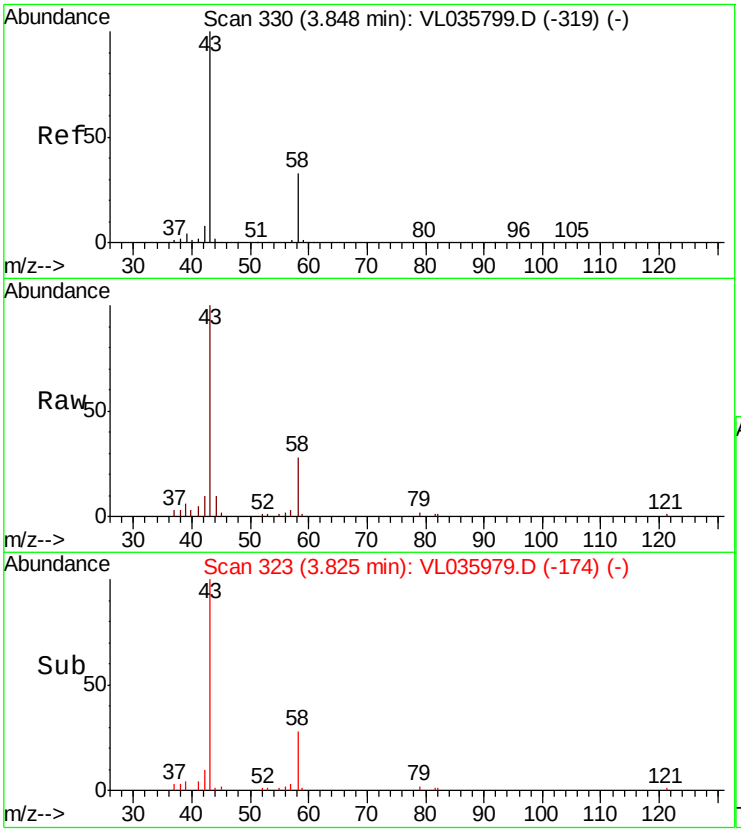


#13
Ethanol
Concen: 0.124 ppbv
RT: 3.58 min Scan# 246
Delta R.T. -0.03 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Tgt Ion: 45 Resp: 1327

Ion	Ratio	Lower	Upper
45	100		
46	152.5	16.1	64.5#



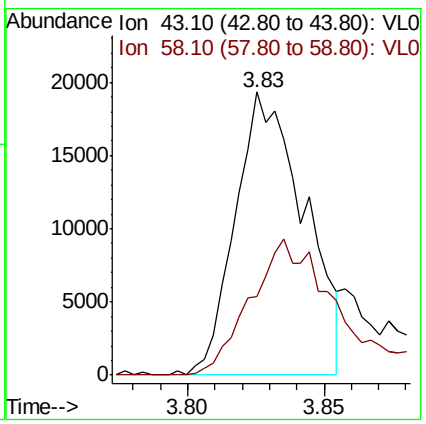


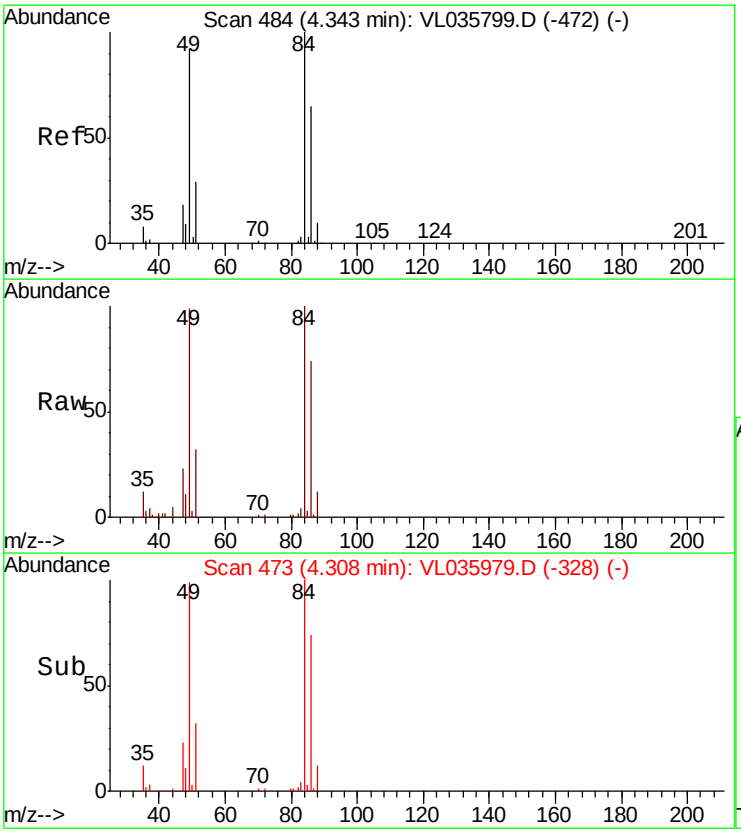
#15
Acetone
Concen: 0.281 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.02 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 43 Resp: 33934

Ion	Ratio	Lower	Upper
43	100		
58	63.5	27.5	41.3#

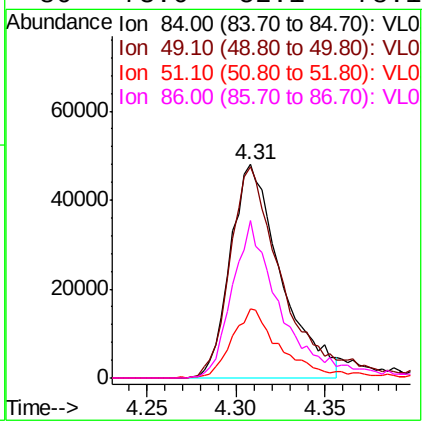


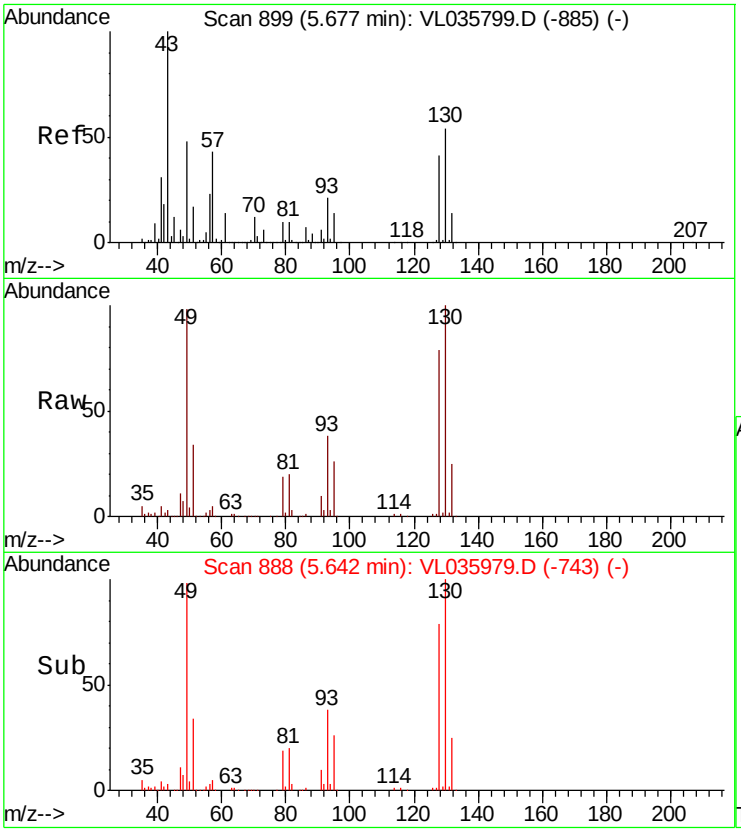


#20
Methylene Chloride
Concen: 1.122 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.04 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Tgt Ion: 84 Resp: 95379

Ion	Ratio	Lower	Upper
84	100		
49	98.9	73.8	110.8
51	32.5	23.0	34.4
86	73.6	52.1	78.1



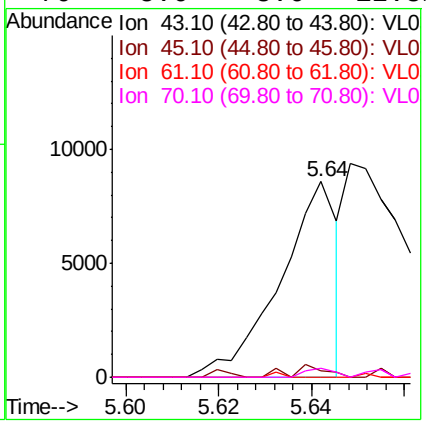


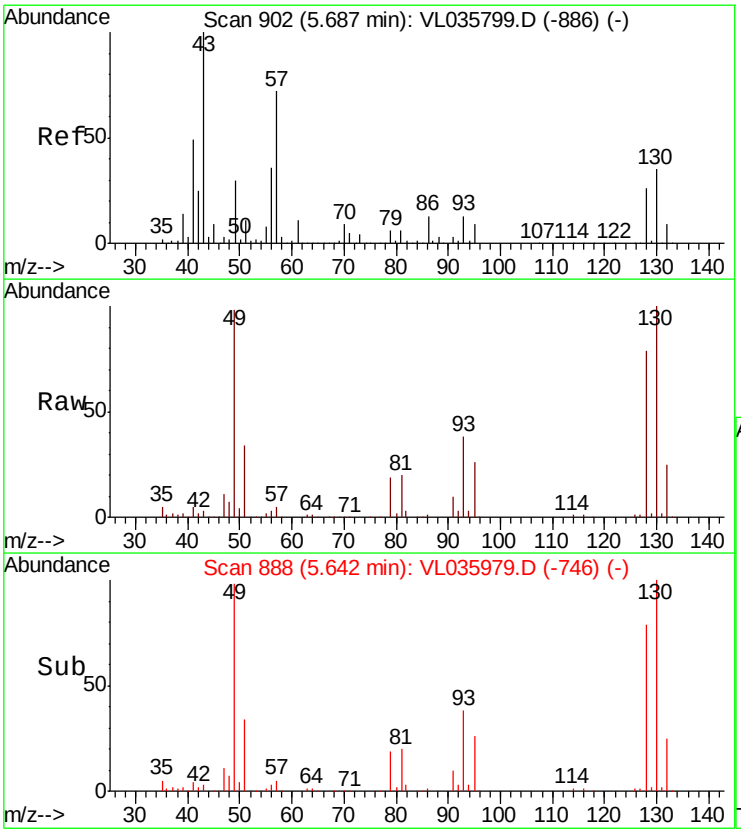
#25
Ethyl Acetate
Concen: 0.031 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.04 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 43 Resp: 7321

Ion	Ratio	Lower	Upper
43	100		
45	6.3	8.5	12.7#
61	1.0	10.7	16.1#
70	5.6	8.6	12.8#

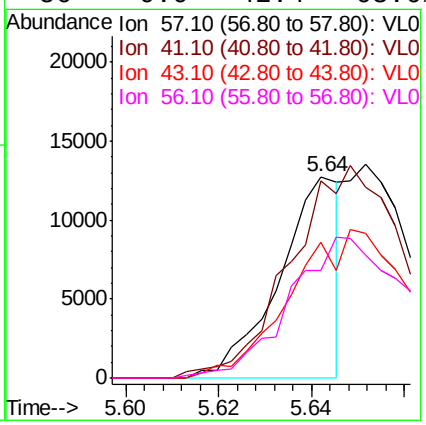


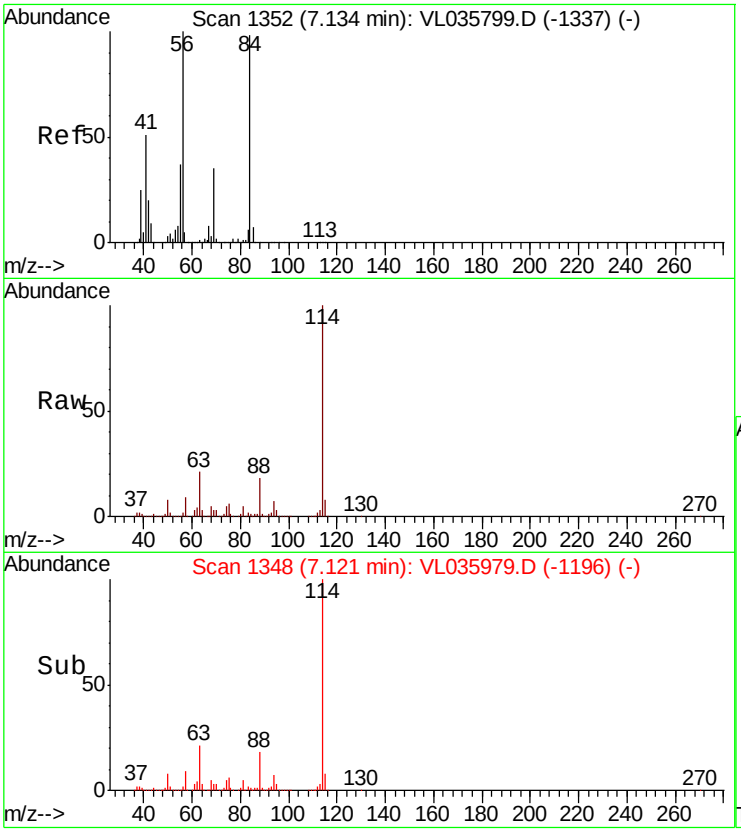


#26
Hexane
Concen: 0.088 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.04 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Tgt Ion: 57 Resp: 11557

Ion	Ratio	Lower	Upper
57	100		
41	0.0	58.9	88.3#
43	0.0	150.2	225.2#
56	0.0	42.4	63.6#



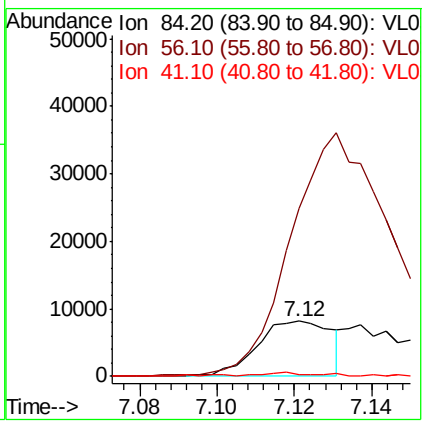


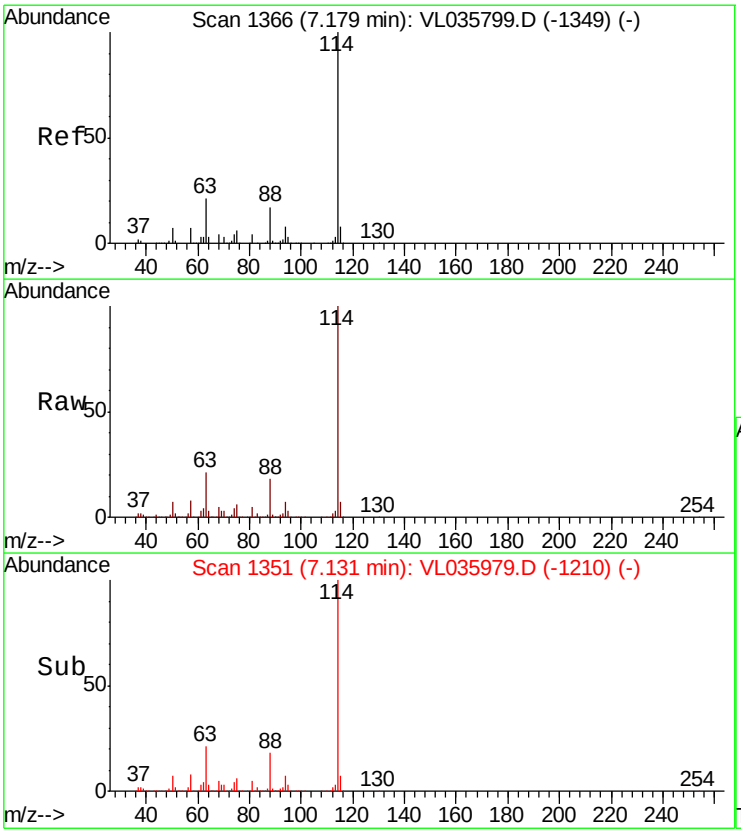
#30
Cyclohexane
Concen: 0.077 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 11021

Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	5.3	42.1	63.1#

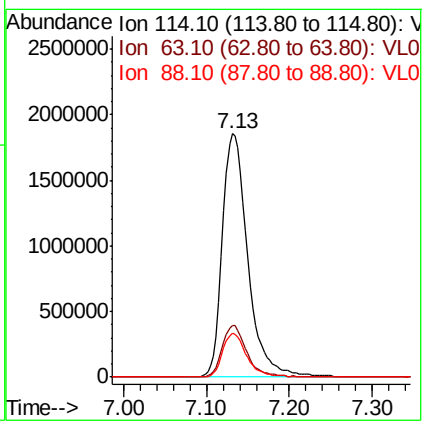


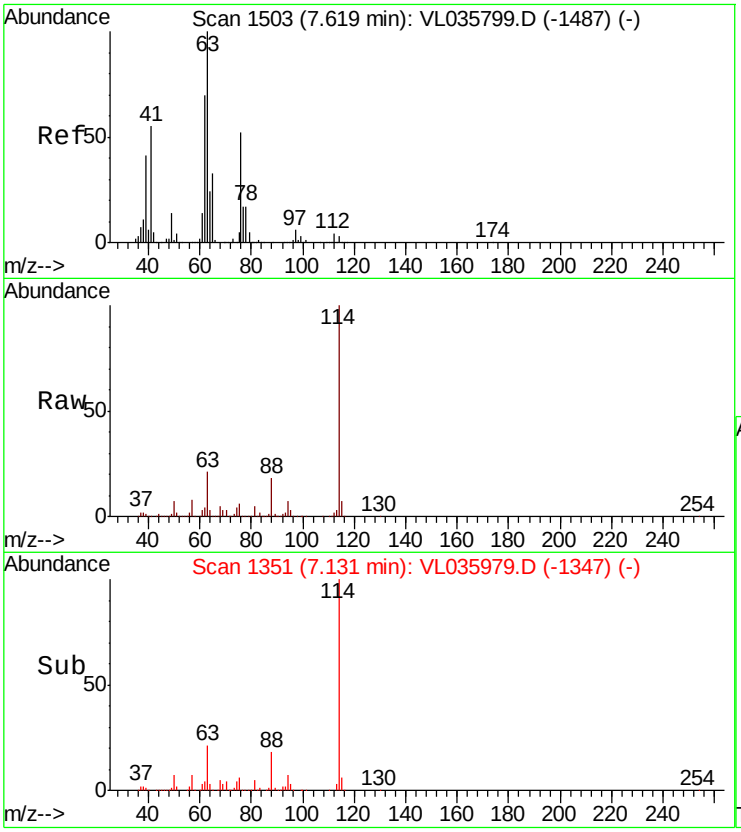


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.05 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Tgt Ion:114 Resp: 3960995

Ion	Ratio	Lower	Upper
114	100		
63	20.8	16.1	24.1
88	17.3	13.7	20.5



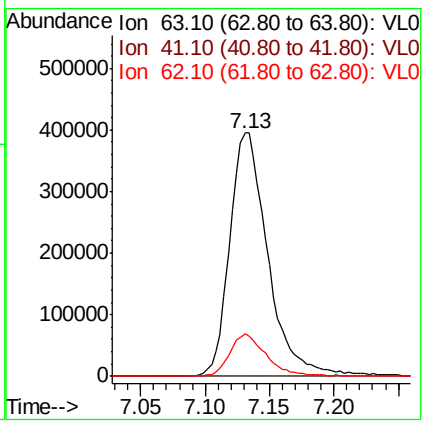


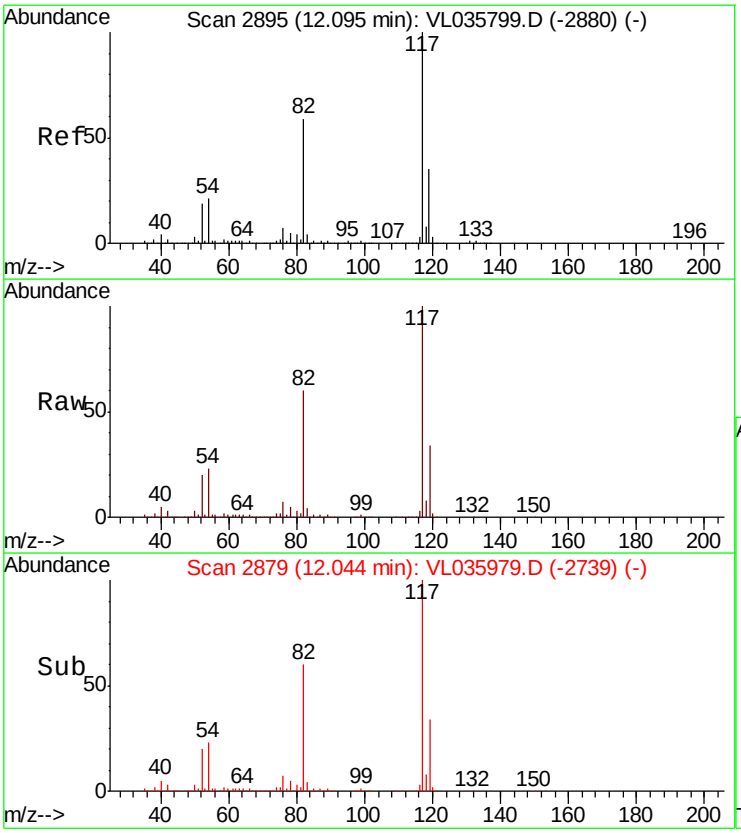
#39
1,2-Dichloropropane
Concen: 8.121 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.49 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 63 Resp: 805094

Ion	Ratio	Lower	Upper
63	100		
41	0.1	43.8	65.6#
62	17.7	56.2	84.2#

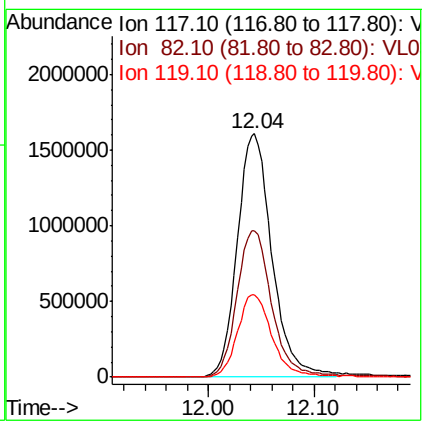


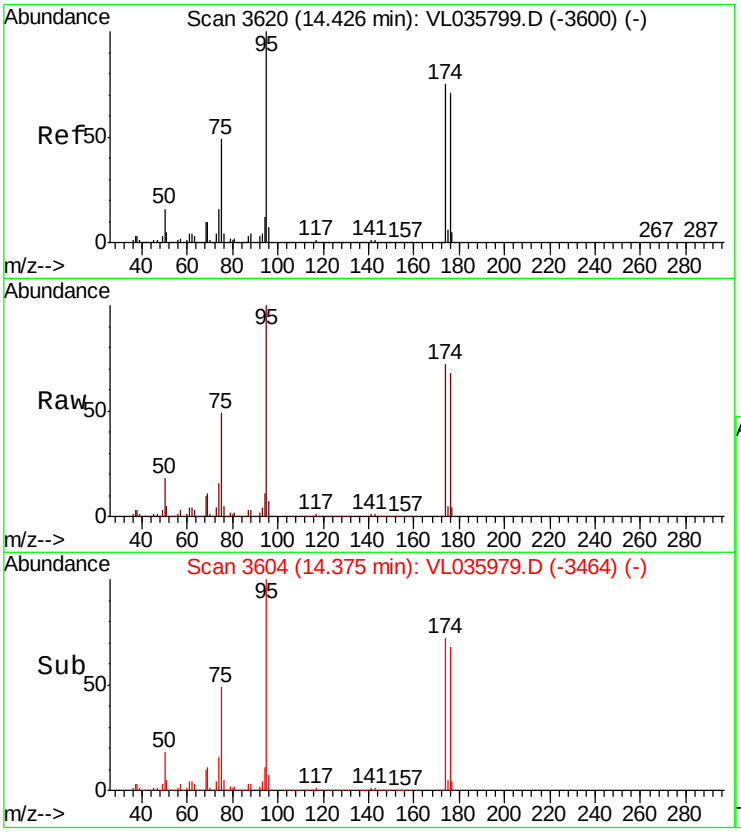


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min Scan# 2879
Delta R.T. -0.05 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Tgt Ion:117 Resp: 3682220

Ion	Ratio	Lower	Upper
117	100		
82	61.7	50.6	76.0
119	34.0	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.522 ppbv
RT: 14.37 min Scan# 3604
Delta R.T. -0.05 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 2752573

Ion	Ratio	Lower	Upper
95	100		
174	72.5	59.8	89.6
175	5.0	4.3	6.5