Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060719\
Data File : VL033879.D
Acq On : 7 Jun 2019 5:13
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jun 07 06:10:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 05:42:58 2019
QLast Update : Fri Jun 07 05:42:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	887343	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2034711	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	2184398	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1794473	10.15	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.50%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.01	51	4496	0.044	ppbv	97
11) Trichlorofluoromethane	4.00	101	5837	0.032	ppbv #	72
13) Ethanol	3.66	45	780	0.057	ppbv #	37
15) Acetone	3.92	43	10163	0.083	ppbv #	67
17) tert-Butyl alcohol	4.39	59	3145	0.031	ppbv #	89
20) Methylene Chloride	4.40	84	5637	0.118	ppbv #	83
39) 1,2-Dichloropropane	7.27	63	545210	8.002	ppbv #	26

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

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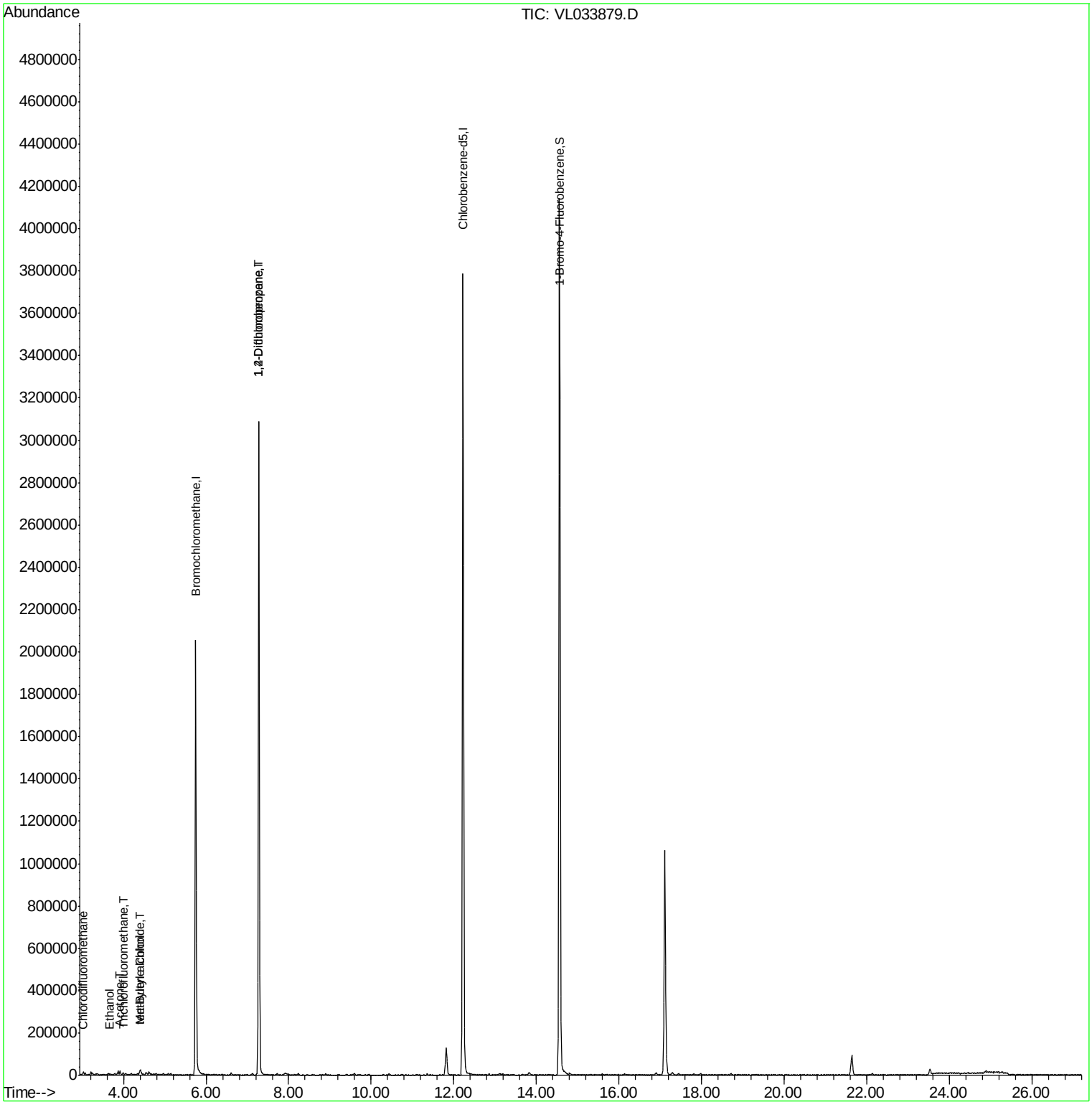
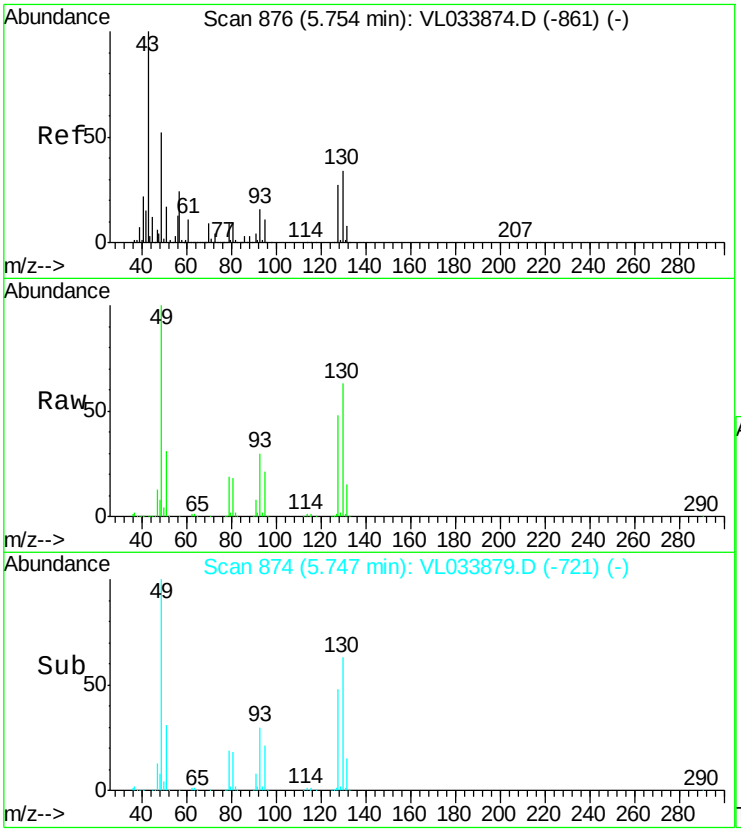


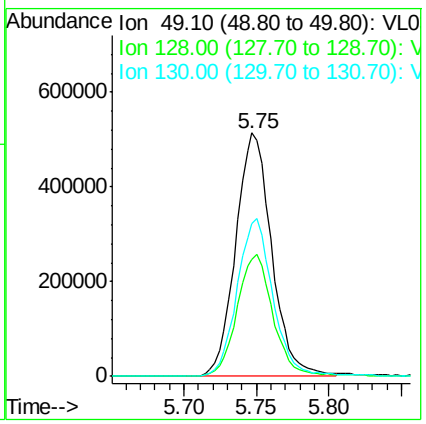


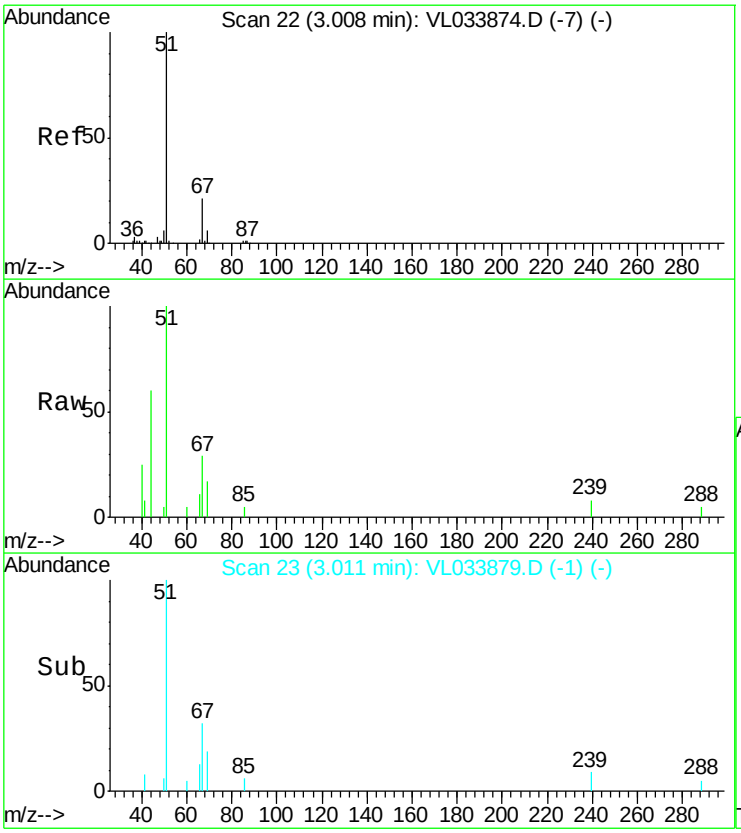
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 874
Delta R.T. -0.01 min
Lab File: VL033879.D
Acq: 7 Jun 2019 5:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 887343

Ion	Ratio	Lower	Upper
49	100		
128	50.3	25.5	76.5
130	64.7	32.5	97.4

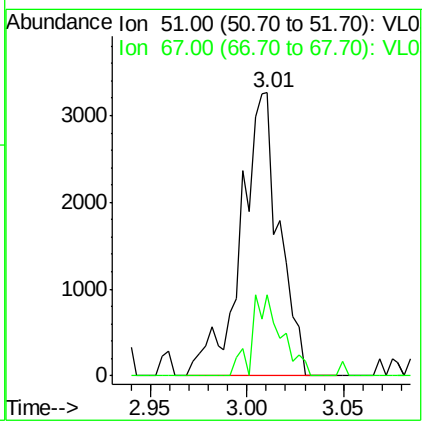


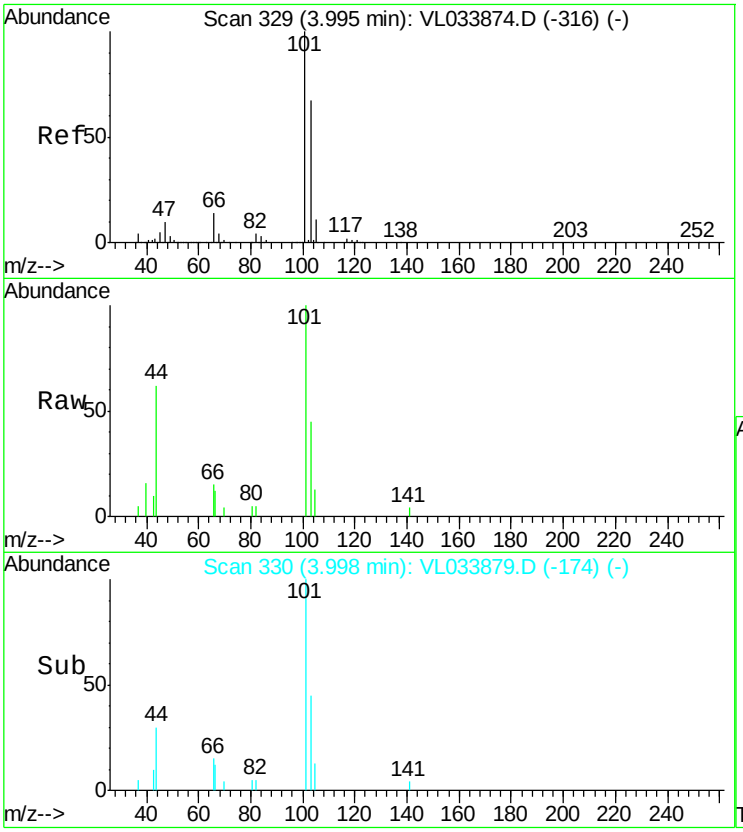


#3
Chlorodifluoromethane
Concen: 0.044 ppbv
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: VL033879.D
Acq: 7 Jun 2019 5:13

Tgt Ion: 51 Resp: 4496

Ion	Ratio	Lower	Upper
51	100		
67	22.1	16.4	24.6



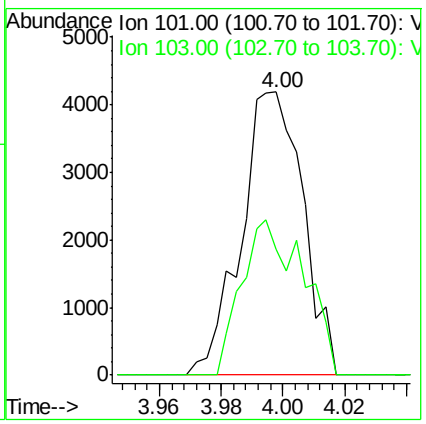


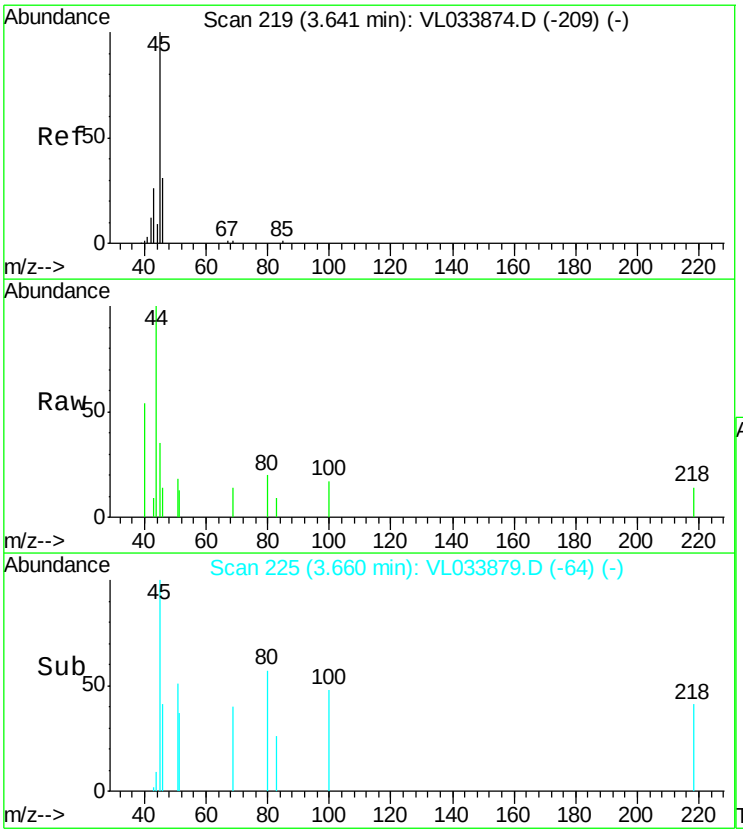
#11
Trichlorofluoromethane
Concen: 0.032 ppbv
RT: 4.00 min Scan# 330
Delta R.T. 0.00 min
Lab File: VL033879.D
Acq: 7 Jun 2019 5:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 5837

Ion	Ratio	Lower	Upper
101	100		
103	44.7	53.6	80.4#

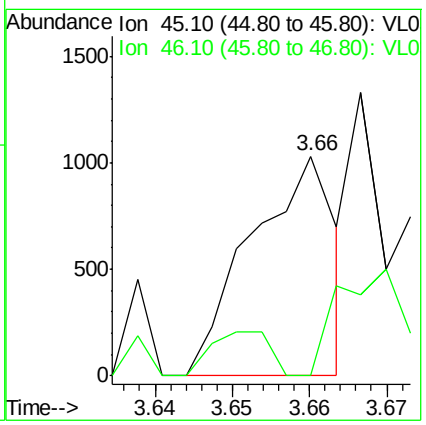


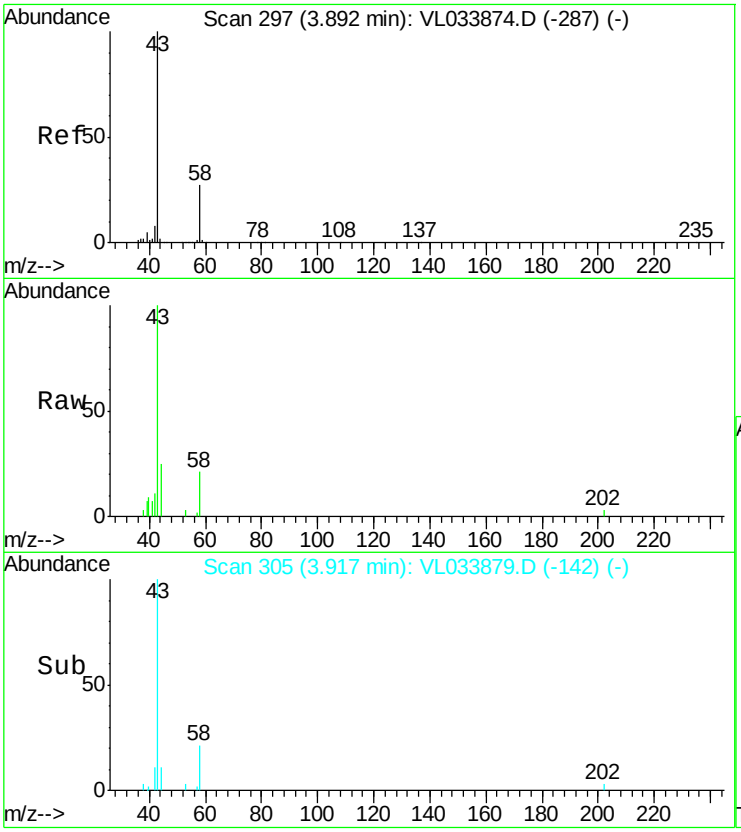


#13
Ethanol
Concen: 0.057 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.02 min
Lab File: VL033879.D
Acq: 7 Jun 2019 5:13

Tgt Ion: 45 Resp: 780

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.3	61.1#



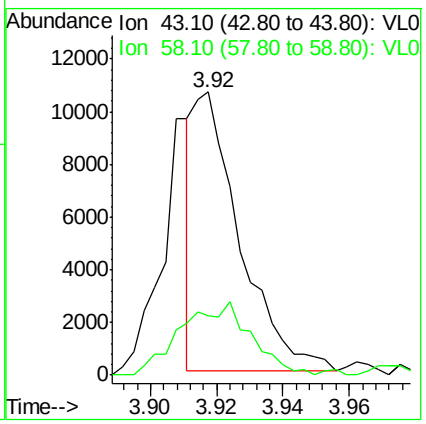


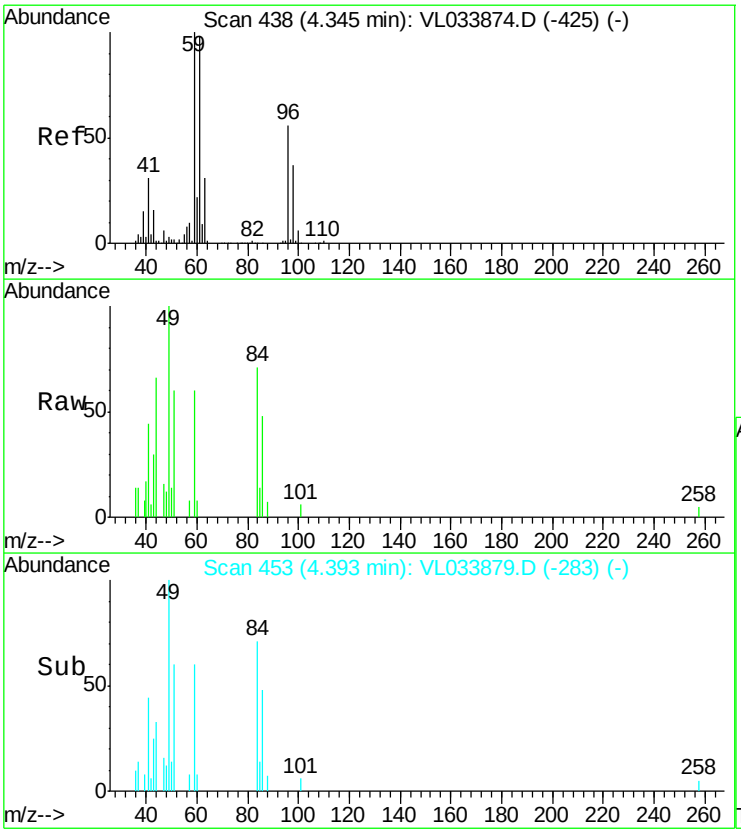
#15
Acetone
Concen: 0.083 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.03 min
Lab File: VL033879.D
Acq: 7 Jun 2019 5:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 10163

Ion	Ratio	Lower	Upper
43	100		
58	43.6	21.3	31.9#

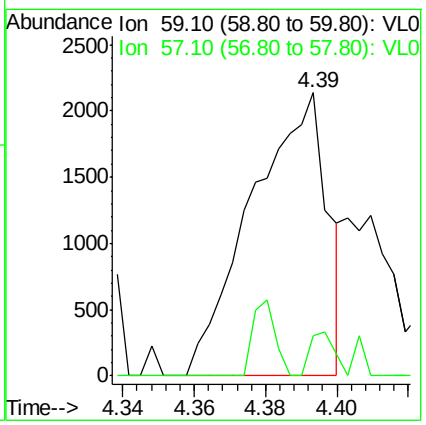


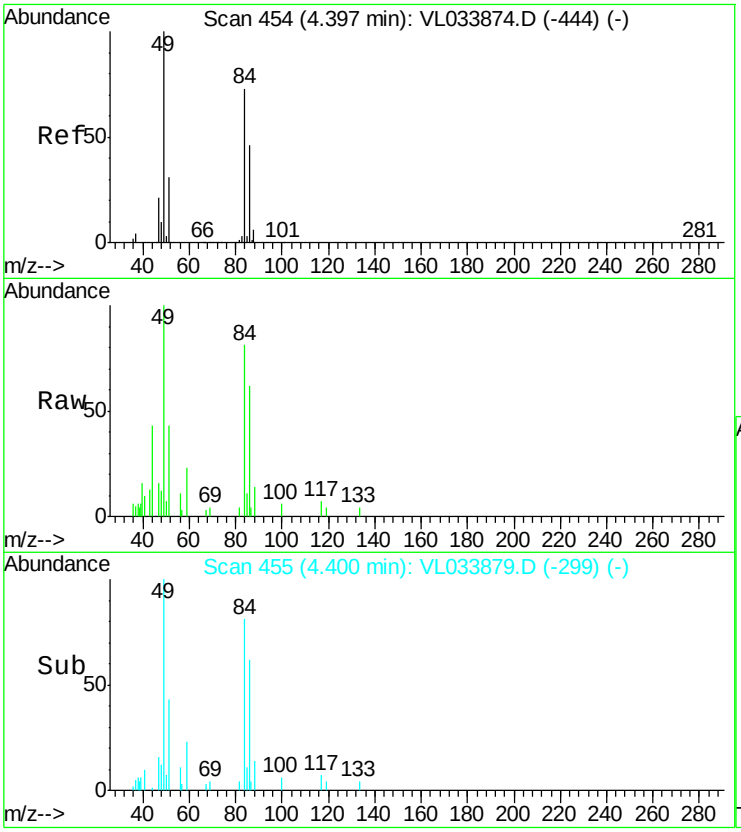


#17
tert-Butyl alcohol
Concen: 0.031 ppbv
RT: 4.39 min Scan# 453
Delta R.T. 0.05 min
Lab File: VL033879.D
Acq: 7 Jun 2019 5:13

Tgt Ion: 59 Resp: 3145

Ion	Ratio	Lower	Upper
59	100		
57	14.6	8.4	12.6#



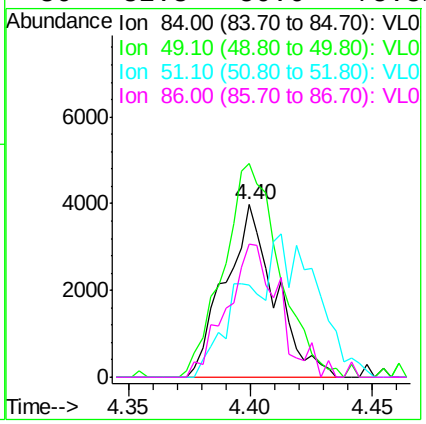


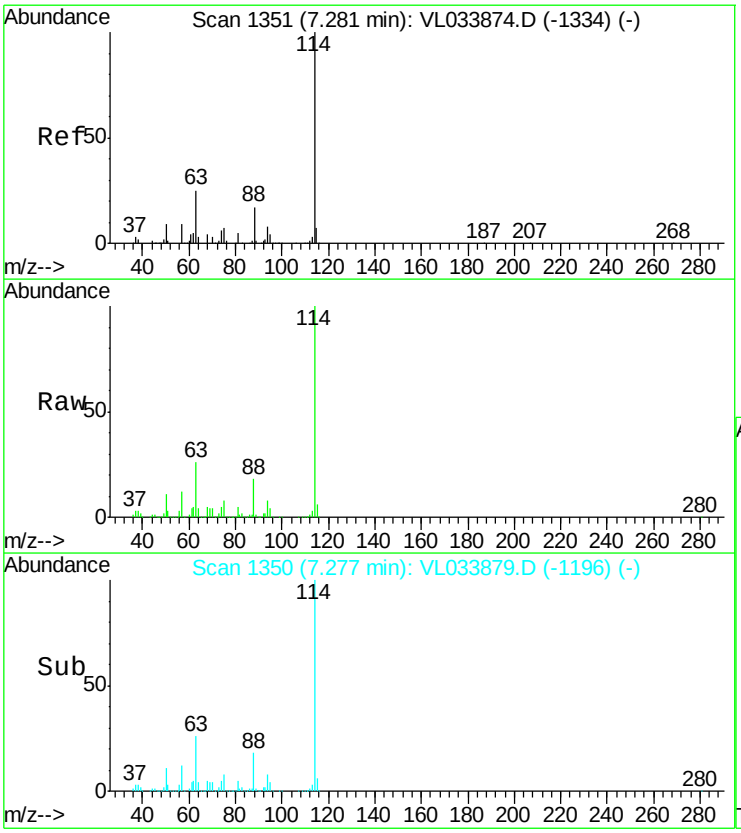
#20
Methylene Chloride
Concen: 0.118 ppbv
RT: 4.40 min Scan# 455
Delta R.T. 0.00 min
Lab File: VL033879.D
Acq: 7 Jun 2019 5:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 5637

Ion	Ratio	Lower	Upper
84	100		
49	119.8	110.0	165.0
51	53.3	34.6	51.8#
86	82.3	50.6	75.8#

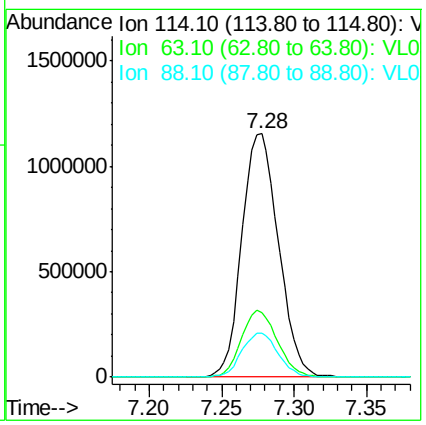


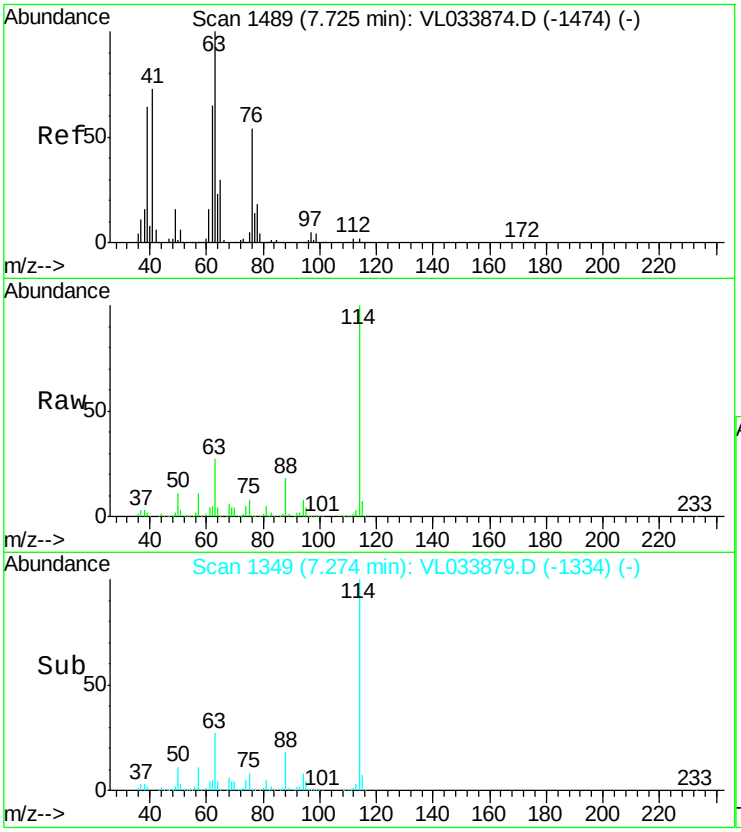


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL033879.D
Acq: 7 Jun 2019 5:13

Tgt Ion:114 Resp: 2034711

Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.1	31.7
88	18.1	14.2	21.4



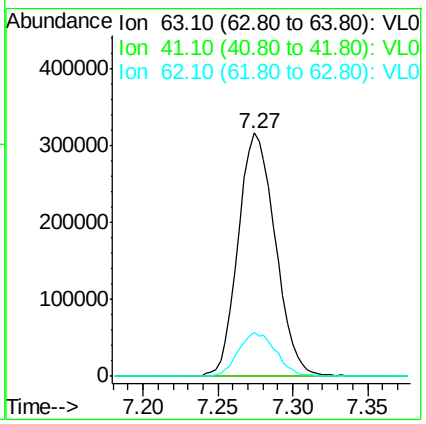


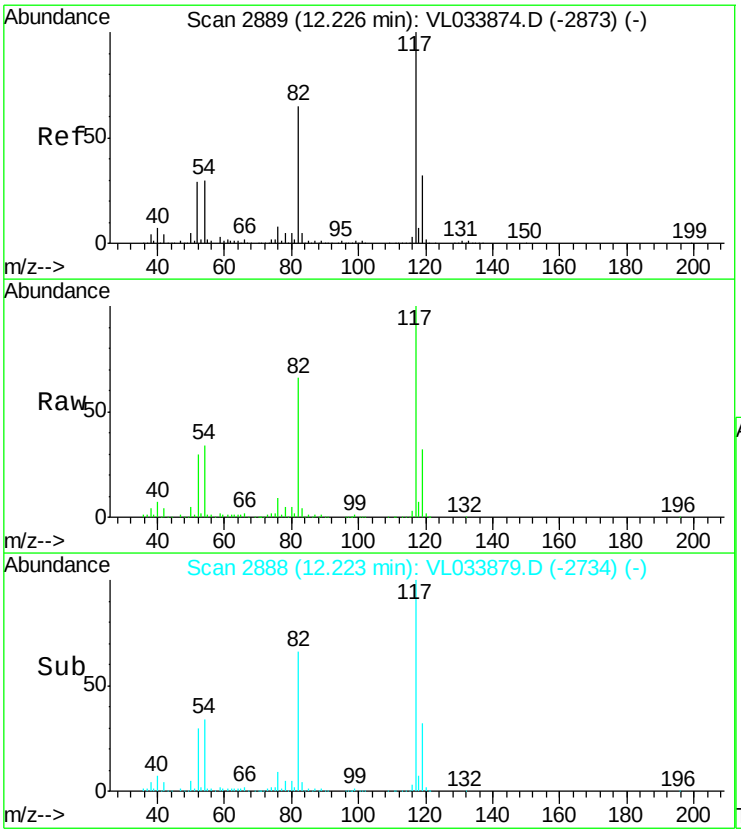
#39
1,2-Dichloropropane
Concen: 8.002 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. -0.45 min
Lab File: VL033879.D
Acq: 7 Jun 2019 5:13

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 545210

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.7	88.1#
62	17.9	51.9	77.9#

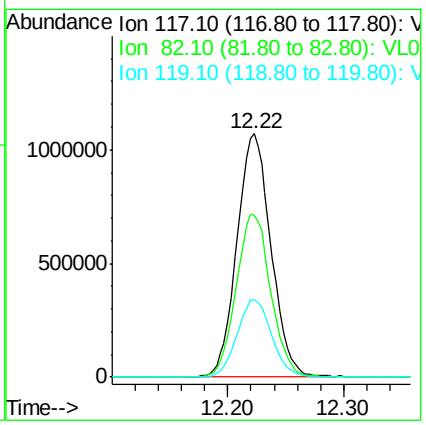


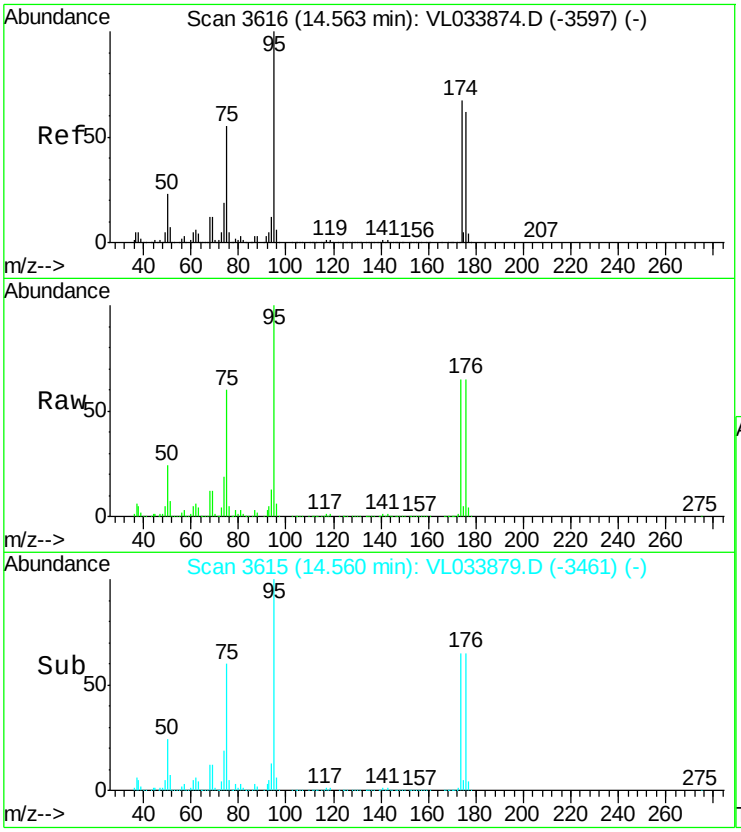


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL033879.D
Acq: 7 Jun 2019 5:13

Tgt Ion:117 Resp: 2184398

Ion	Ratio	Lower	Upper
117	100		
82	68.0	50.2	75.2
119	32.4	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.154 ppbv
RT: 14.56 min Scan# 3615
Delta R.T. -0.00 min
Lab File: VL033879.D
Acq: 7 Jun 2019 5:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1794473

Ion	Ratio	Lower	Upper
95	100		
174	66.1	54.0	81.0
175	4.9	3.8	5.8