Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL011321\
Data File : VL036215.D
Acq On : 13 Jan 2021 5:43
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Jan 13 07:10:37 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jan 13 05:46:16 2021
QLast Update : Wed Jan 13 05:46:16 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1550419	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3372221	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3026774	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2462001	10.14	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	7646	0.042	ppbv	91
3) Chlorodifluoromethane	2.98	51	9300	0.052	ppbv	97
9) Propene	3.00	41	4068	0.046	ppbv #	14
11) Trichlorofluoromethane	3.95	101	6658	0.032	ppbv	84
13) Ethanol	3.62	45	1147	0.094	ppbv #	29
20) Methylene Chloride	4.34	84	5098	0.069	ppbv #	84
39) 1,2-Dichloropropane	7.17	63	1015478	8.933	ppbv #	21

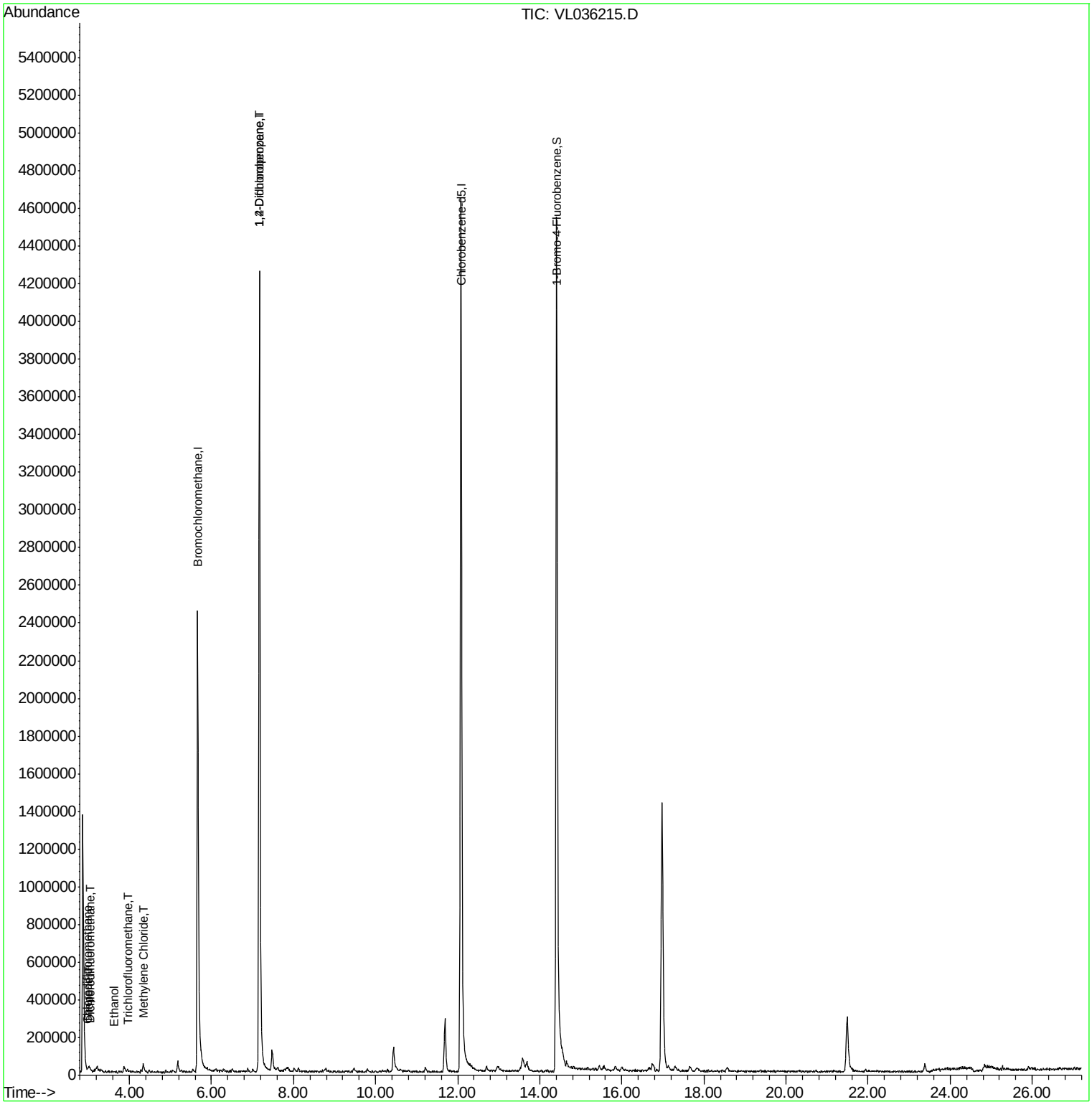
(#) = qualifier out of range (m) = manual integration (+) = signals summed

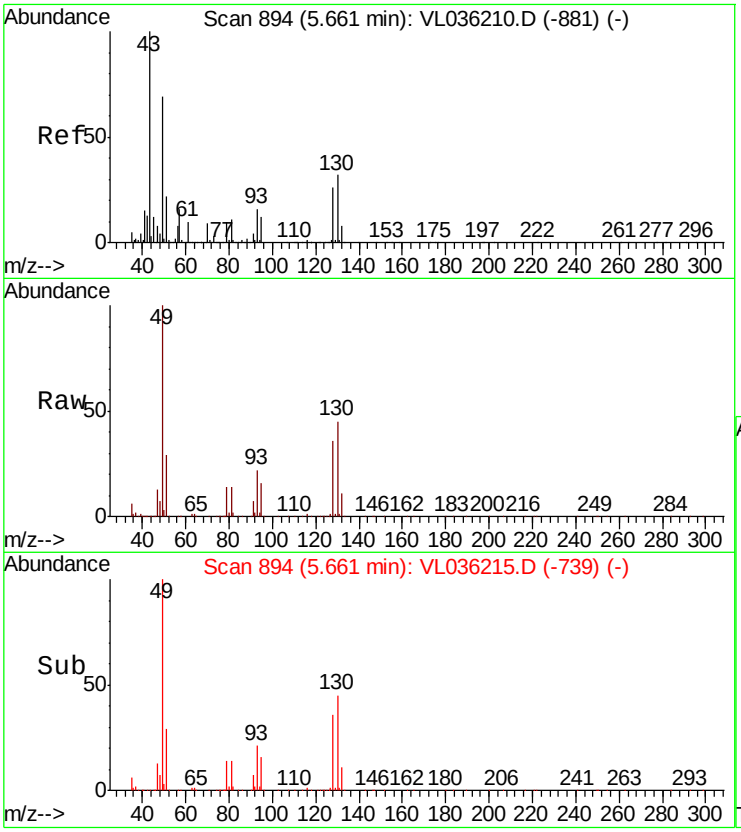
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL011321\
Data File : VL036215.D
Acq On : 13 Jan 2021 5:43
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Jan 13 07:10:37 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jan 13 05:46:16 2021
QLast Update : Wed Jan 13 05:46:16 2021
Response via : Initial Calibration



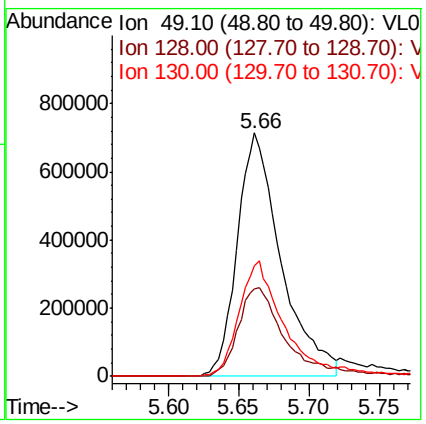


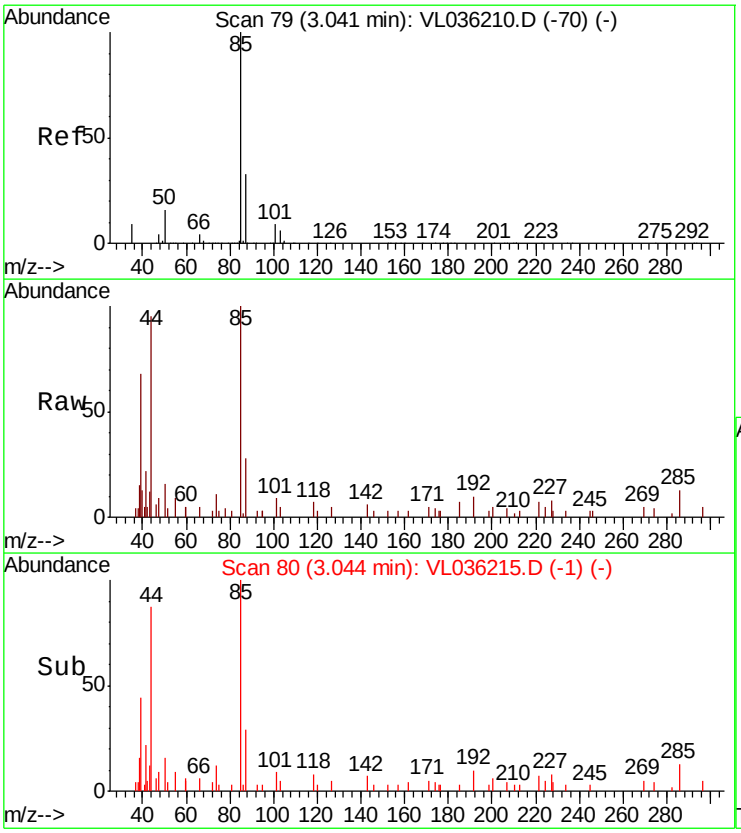
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL036215.D
Acq: 13 Jan 2021 5:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 1550419

Ion	Ratio	Lower	Upper
49	100		
128	39.9	20.1	60.2
130	51.5	25.3	75.9

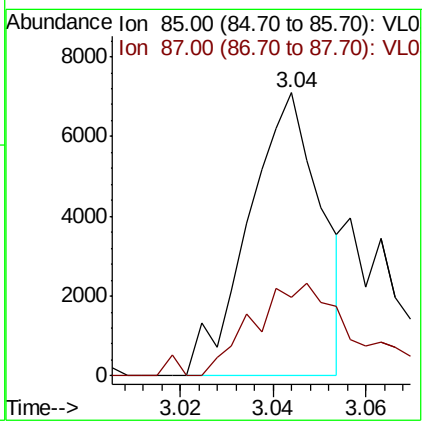


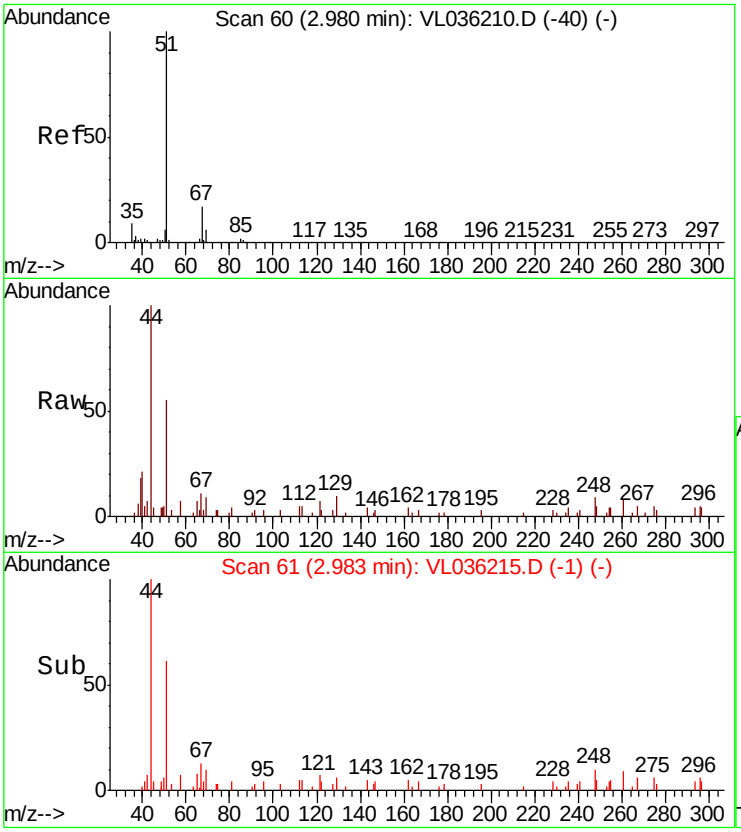


#2
Dichlorodifluoromethane
Concen: 0.042 ppbv
RT: 3.04 min Scan# 80
Delta R.T. 0.00 min
Lab File: VL036215.D
Acq: 13 Jan 2021 5:43

Tgt Ion: 85 Resp: 7646

Ion	Ratio	Lower	Upper
85	100		
87	27.9	26.4	39.6



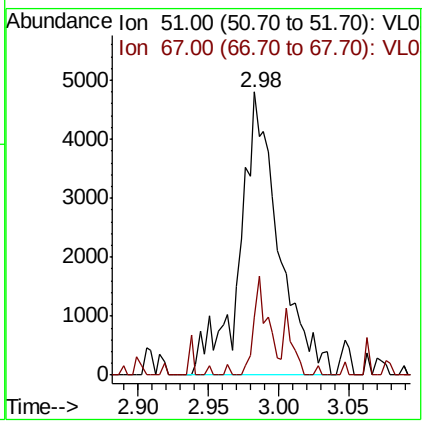


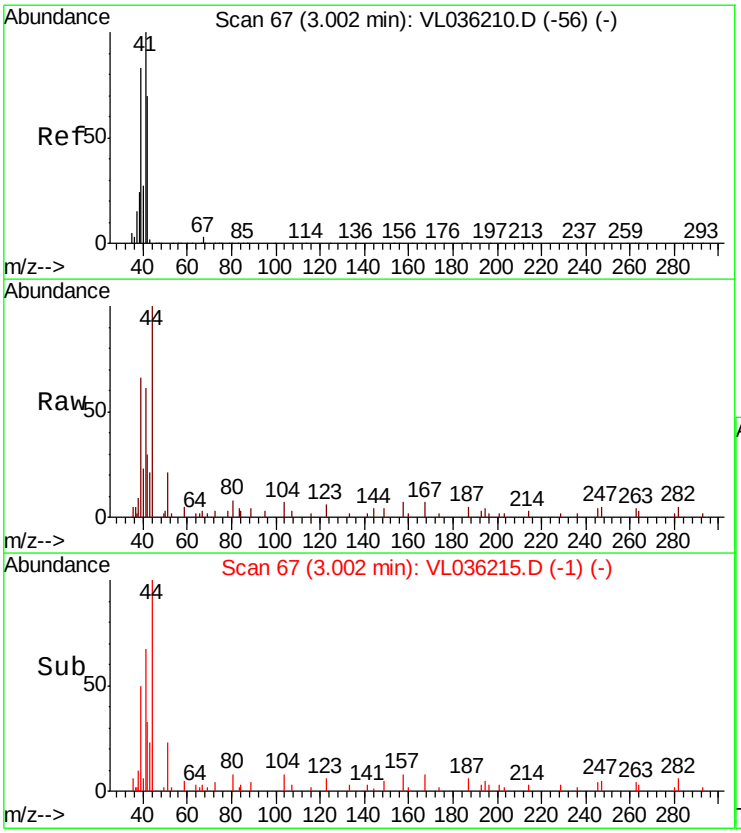
#3
Chlorodifluoromethane
Concen: 0.052 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.00 min
Lab File: VL036215.D
Acq: 13 Jan 2021 5:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 51 Resp: 9300

Ion	Ratio	Lower	Upper
51	100		
67	19.0	14.0	21.0

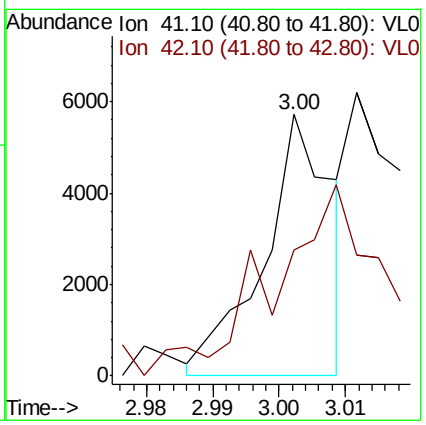


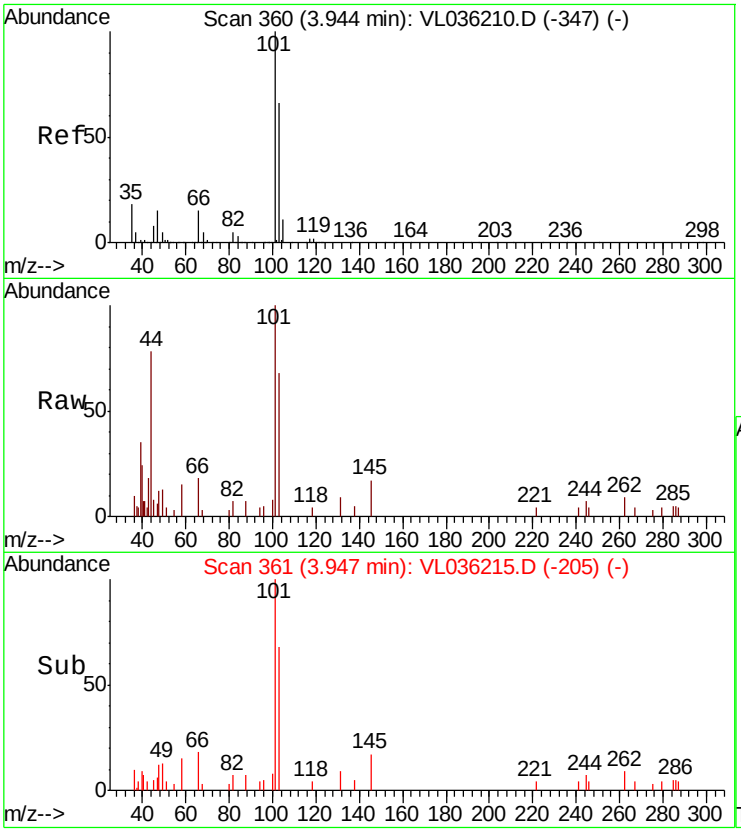


#9
Propene
Concen: 0.046 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.00 min
Lab File: VL036215.D
Acq: 13 Jan 2021 5:43

Tgt Ion: 41 Resp: 4068

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.1	85.7#



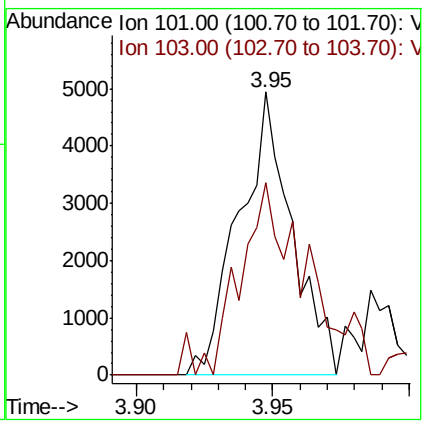


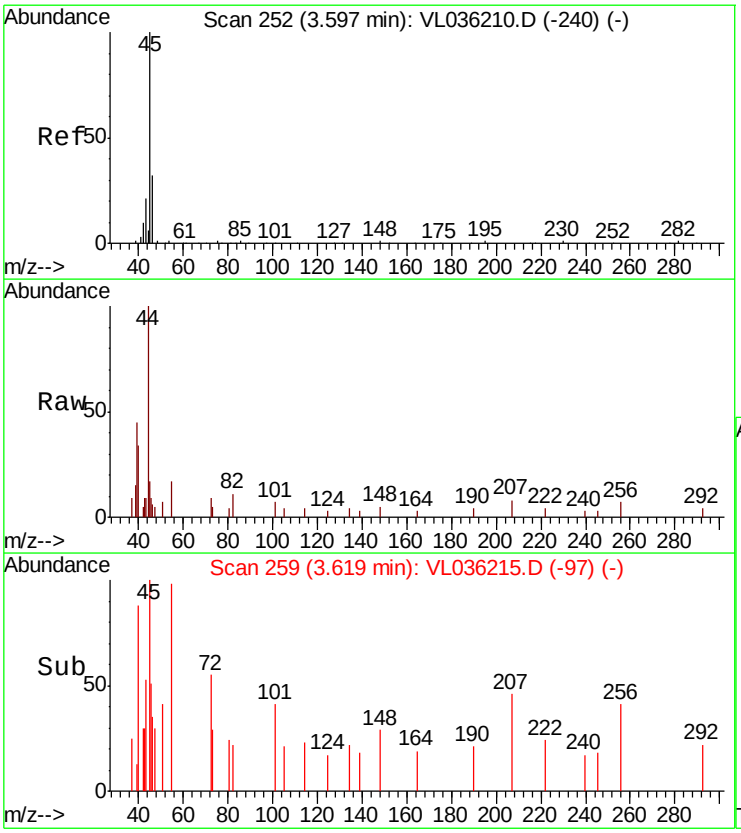
#11
Trichlorofluoromethane
Concen: 0.032 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.00 min
Lab File: VL036215.D
Acq: 13 Jan 2021 5:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:101 Resp: 6658

Ion	Ratio	Lower	Upper
101	100		
103	53.0	52.6	78.8

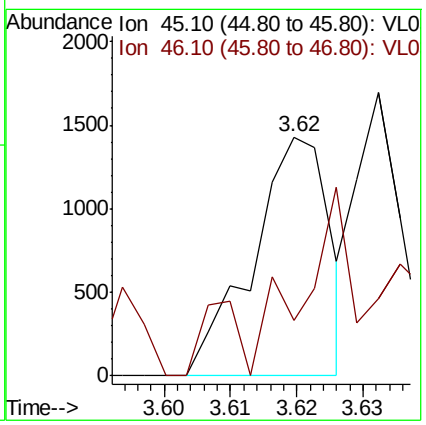


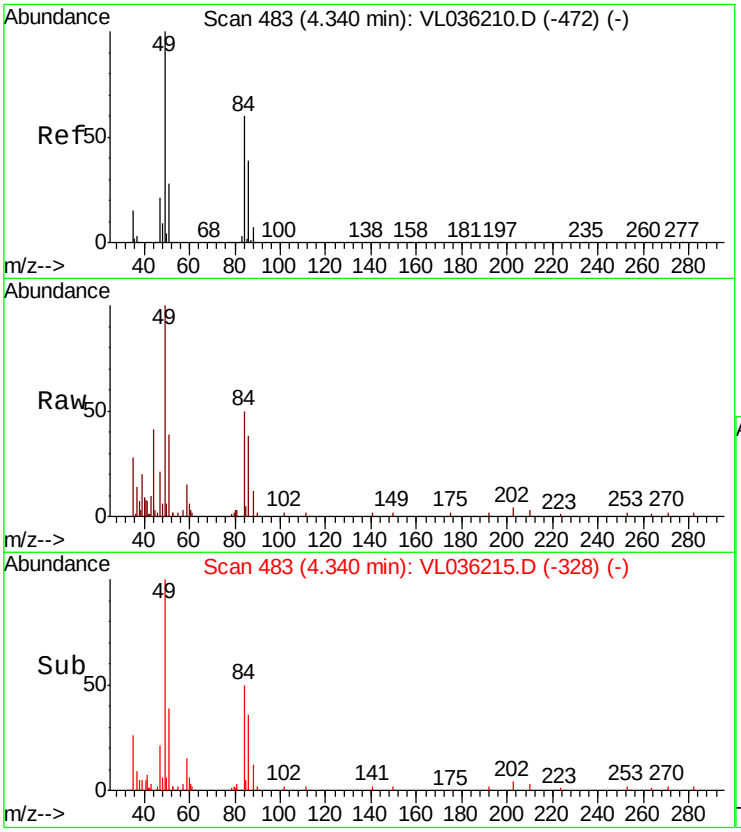


#13
Ethanol
Concen: 0.094 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.02 min
Lab File: VL036215.D
Acq: 13 Jan 2021 5:43

Tgt Ion: 45 Resp: 1147

Ion	Ratio	Lower	Upper
45	100		
46	0.0	19.2	77.0#



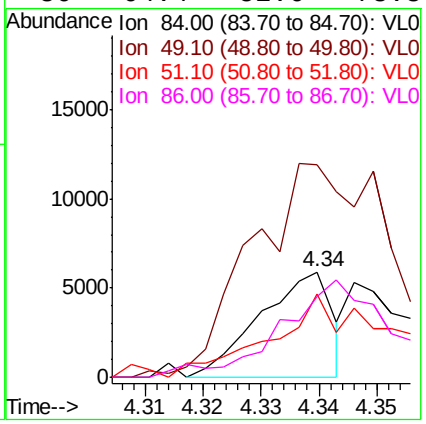


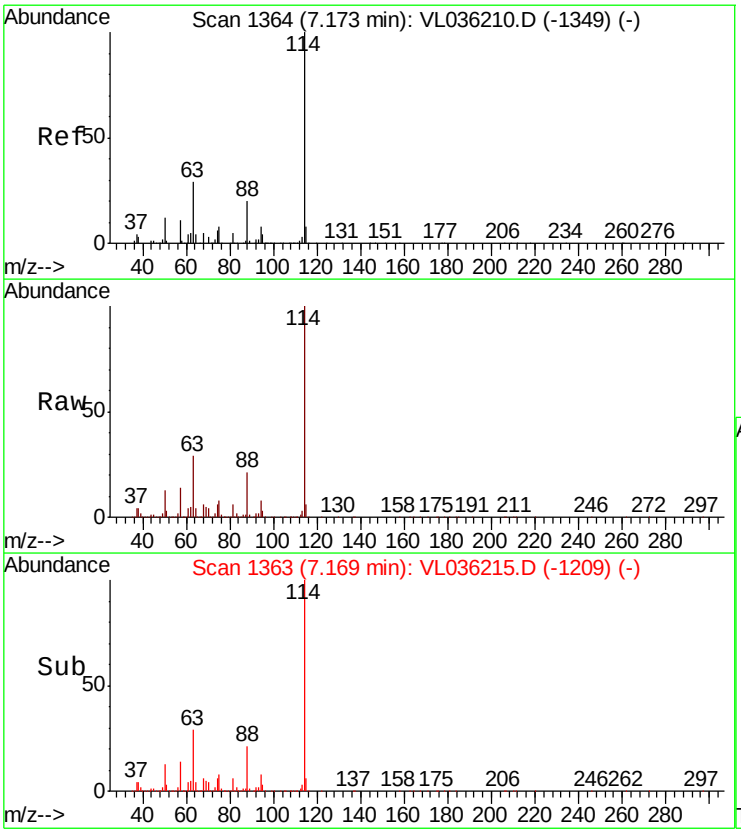
#20
Methylene Chloride
Concen: 0.069 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL036215.D
Acq: 13 Jan 2021 5:43

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 84 Resp: 5098

Ion	Ratio	Lower	Upper
84	100		
49	192.8	134.1	201.1
51	65.7	37.4	56.0#
86	64.4	52.6	78.8

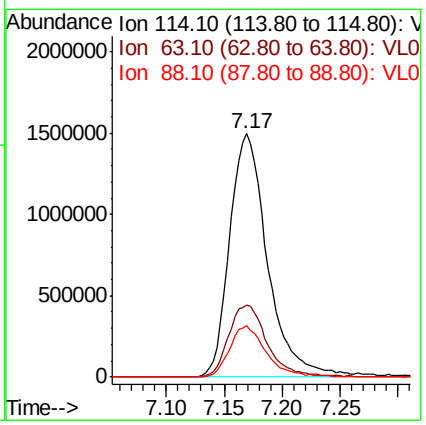


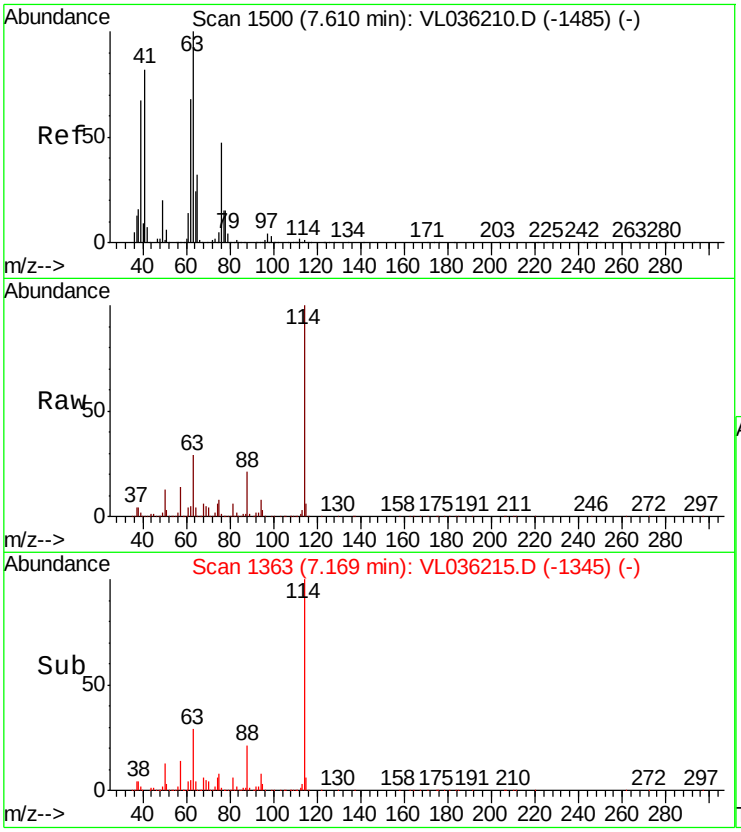


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VL036215.D
Acq: 13 Jan 2021 5:43

Tgt Ion:114 Resp: 3372221

Ion	Ratio	Lower	Upper
114	100		
63	30.9	24.7	37.1
88	20.8	16.6	24.8



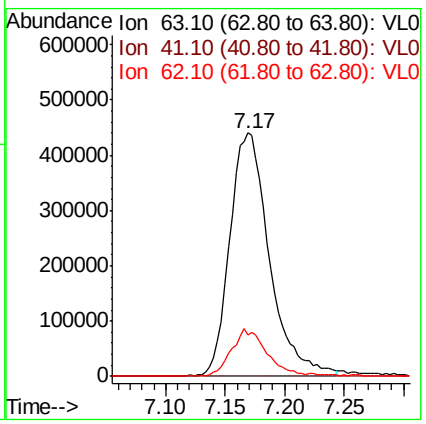


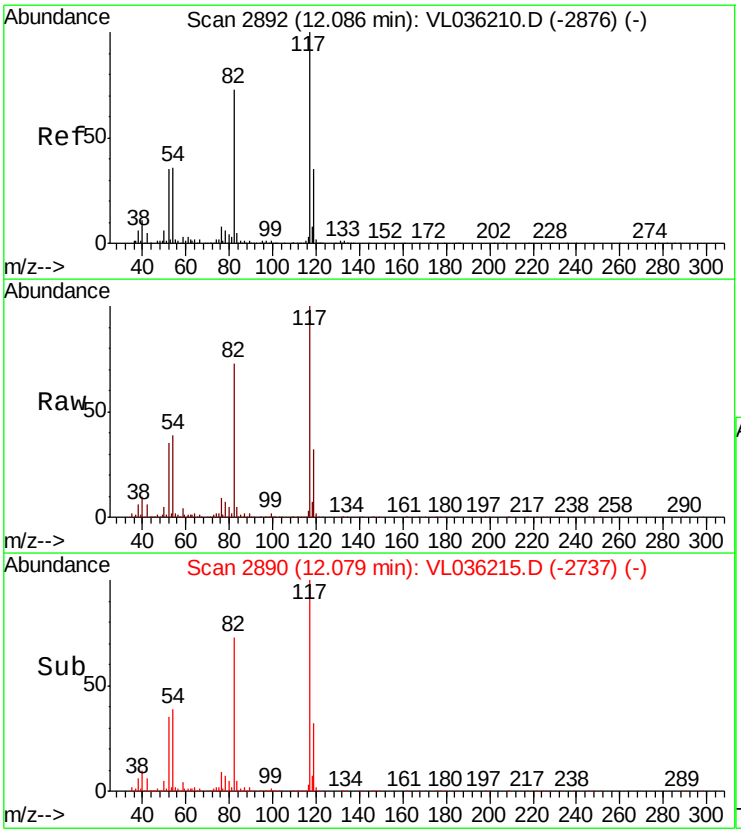
#39
1,2-Dichloropropane
Concen: 8.933 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.44 min
Lab File: VL036215.D
Acq: 13 Jan 2021 5:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 63 Resp: 1015478

Ion	Ratio	Lower	Upper
63	100		
41	0.0	66.1	99.1#
62	17.2	54.8	82.2#

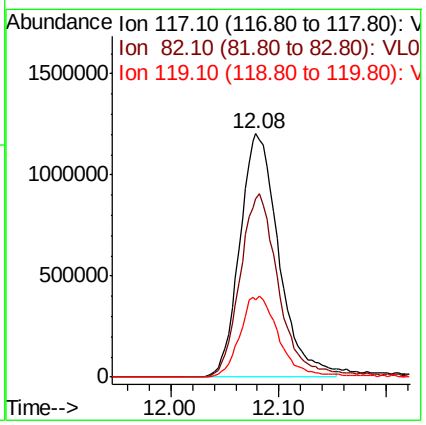


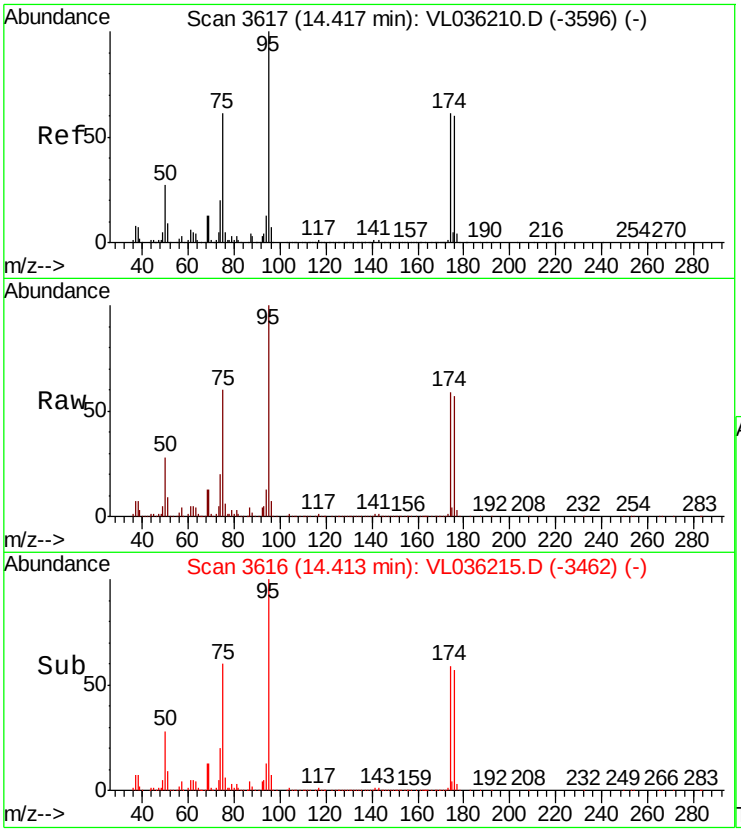


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL036215.D
Acq: 13 Jan 2021 5:43

Tgt Ion:117 Resp: 3026774

Ion	Ratio	Lower	Upper
117	100		
82	76.1	59.7	89.5
119	33.9	28.6	43.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.139 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.00 min
Lab File: VL036215.D
Acq: 13 Jan 2021 5:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 95 Resp: 2462001

Ion	Ratio	Lower	Upper
95	100		
174	65.0	49.4	74.0
175	4.6	3.8	5.8