Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020420\

Quantitation Report (Not Reviewed)

Data File : VL034589.D
Acq On : 4 Feb 2020 21:12
Operator : SY/AP
Sample : L1357-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-1

Quant Time: Feb 05 05:45:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	846472	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1737100	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1633677	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	1438196	10.42	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	95112	0.510	ppbv	97
3) Chlorodifluoromethane	2.93	51	123758	1.210	ppbv #	72
4) Chloromethane	3.11	50	31747	0.507	ppbv #	81
9) Propene	3.17	41	113502	2.850	ppbv	98
11) Trichlorofluoromethane	3.93	101	33787	0.199	ppbv #	76
13) Ethanol	3.59	45	67092	6.290	ppbv	100
15) Acetone	3.83	43	323151	2.598	ppbv	100
16) 1,3-Butadiene	3.28	39	5726	0.116	ppbv #	8
19) Isopropyl Alcohol	3.97	45	7787	0.107	ppbv #	1
20) Methylene Chloride	4.33	84	102771	2.170	ppbv	93
26) Hexane	5.68	57	3724	0.044	ppbv #	60
34) 2-Butanone	5.24	43	6419	0.051	ppbv #	54
39) 1,2-Dichloropropane	7.19	63	507831	7.930	ppbv #	19
41) Tetrahydrofuran	6.07	42	6120	0.093	ppbv #	48

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

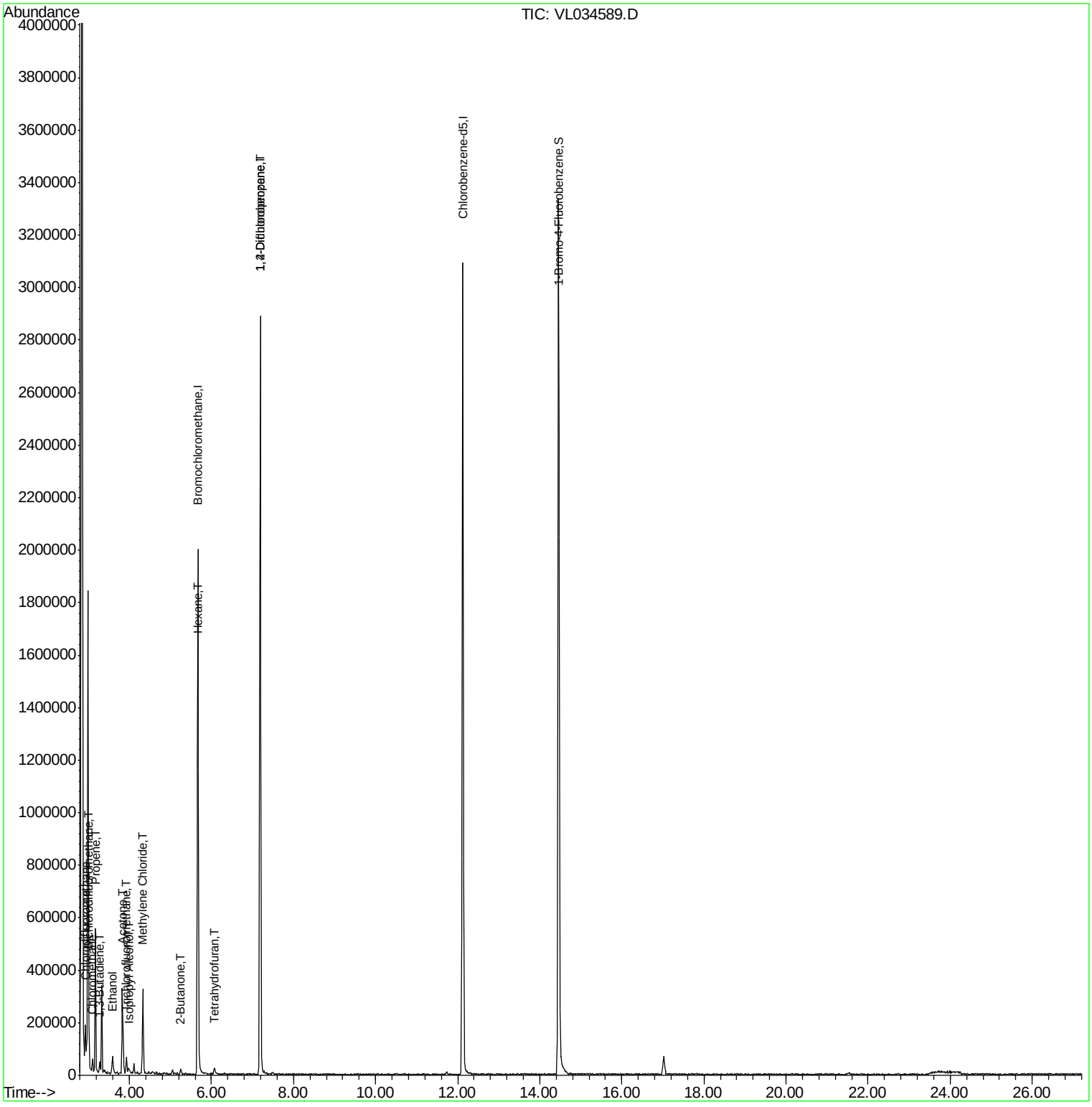
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020420\

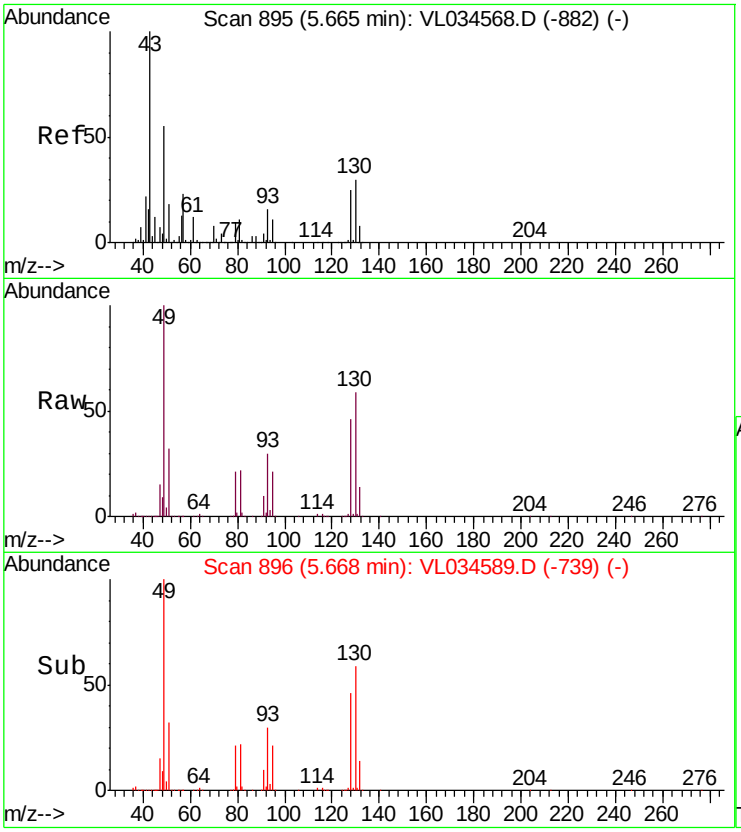
Quantitation Report (Not Reviewed)

Data File : VL034589.D
Acq On : 4 Feb 2020 21:12
Operator : SY/AP
Sample : L1357-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-1

Quant Time: Feb 05 05:45:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration



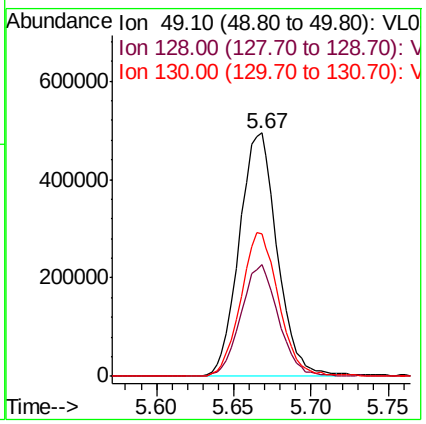


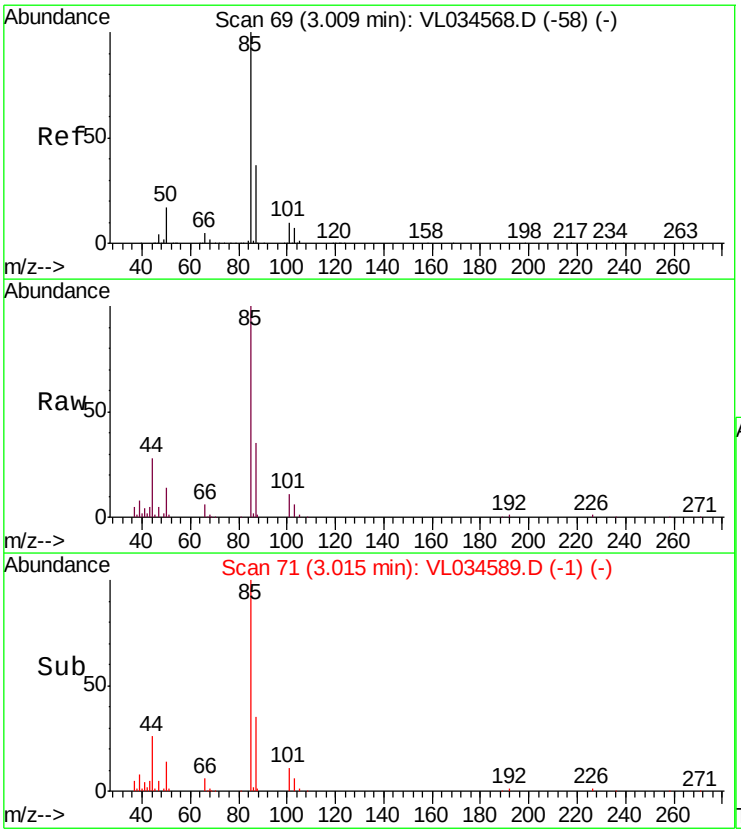
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 49 Resp: 846472

Ion	Ratio	Lower	Upper
49	100		
128	45.6	22.7	68.1
130	59.4	28.6	85.8

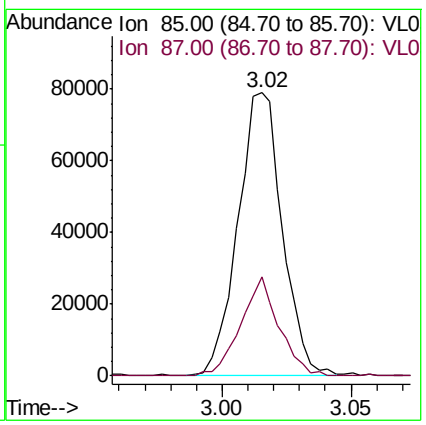


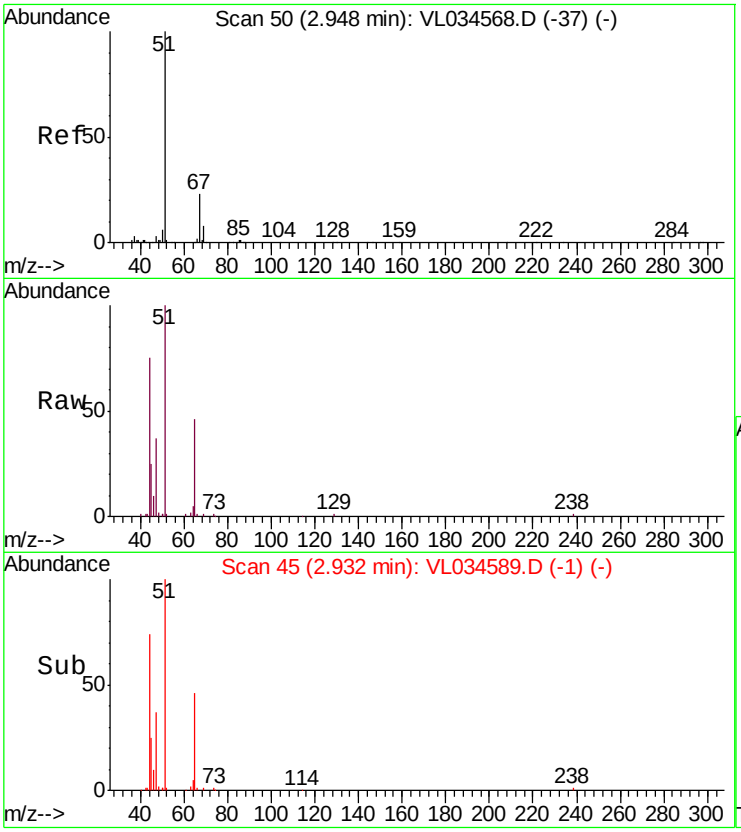


#2
Dichlorodifluoromethane
Concen: 0.510 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.01 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Tgt Ion: 85 Resp: 95112

Ion	Ratio	Lower	Upper
85	100		
87	35.0	29.5	44.3



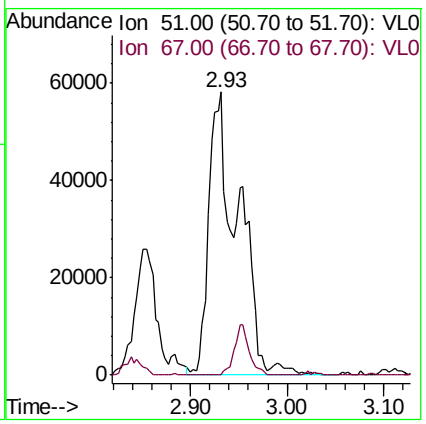


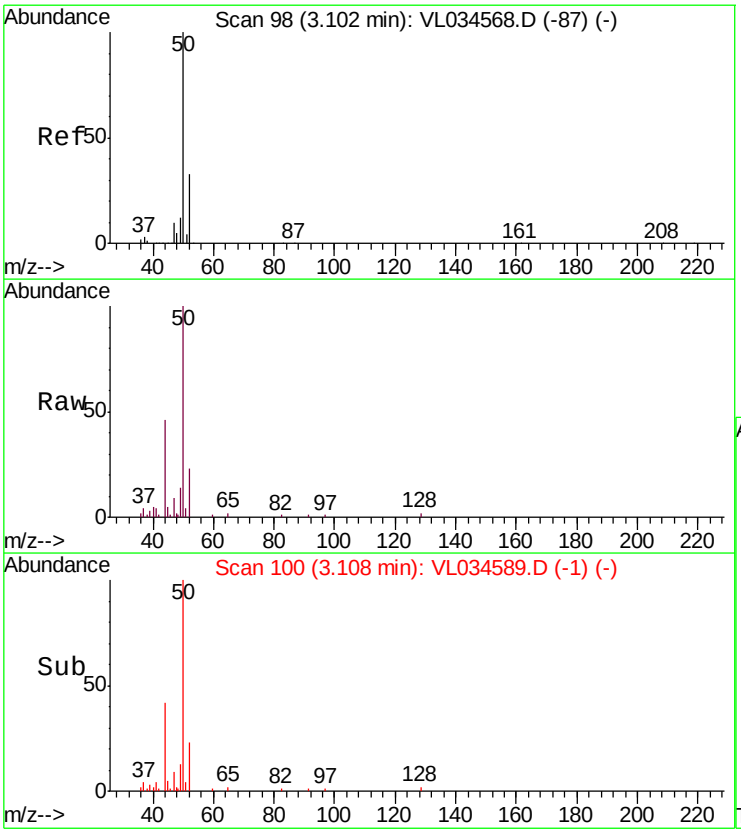
#3
Chlorodifluoromethane
Concen: 1.210 ppbv
RT: 2.93 min Scan# 45
Delta R.T. -0.02 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Instrument : MSVOA_L
ClientSampleId : IA-1

Tgt Ion: 51 Resp: 123758

Ion	Ratio	Lower	Upper
51	100		
67	9.0	17.8	26.8#

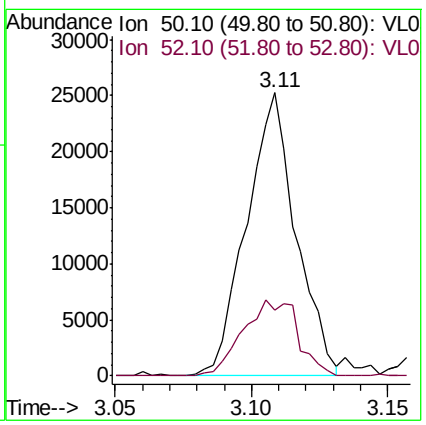


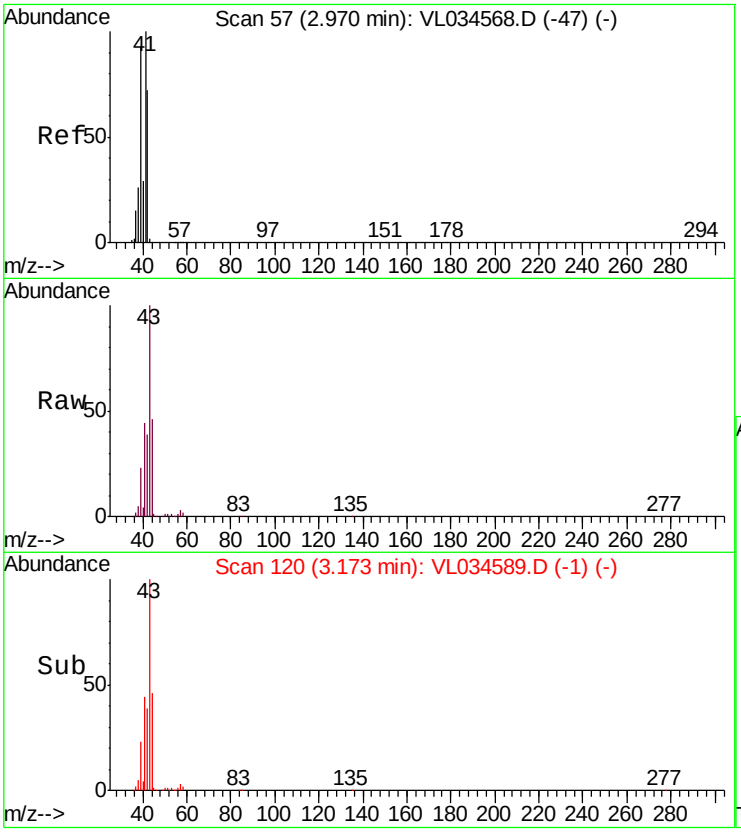


#4
Chloromethane
Concen: 0.507 ppbv
RT: 3.11 min Scan# 100
Delta R.T. 0.01 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Tgt Ion: 50 Resp: 31747

Ion	Ratio	Lower	Upper
50	100		
52	22.5	26.6	39.8#



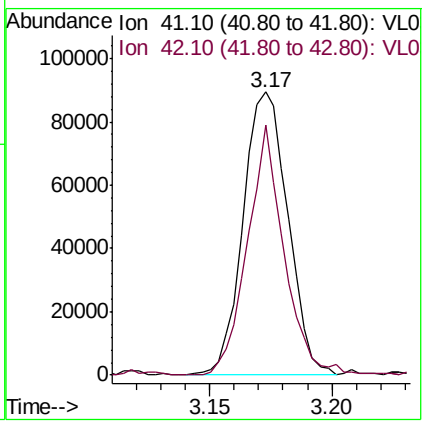


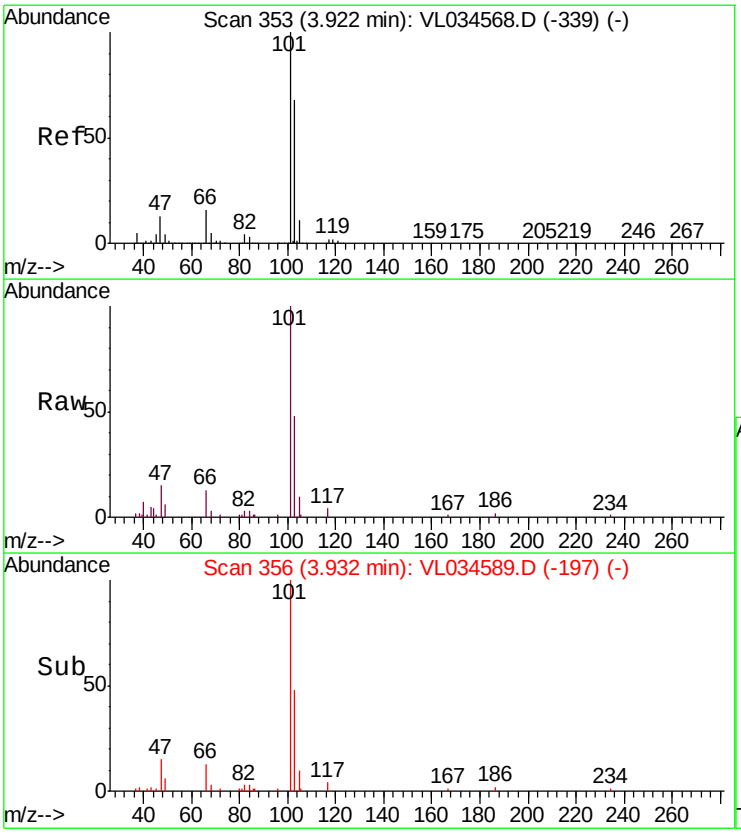
#9
Propene
Concen: 2.850 ppbv
RT: 3.17 min Scan# 120
Delta R.T. 0.20 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 41 Resp: 113502

Ion	Ratio	Lower	Upper
41	100		
42	72.9	57.0	85.4

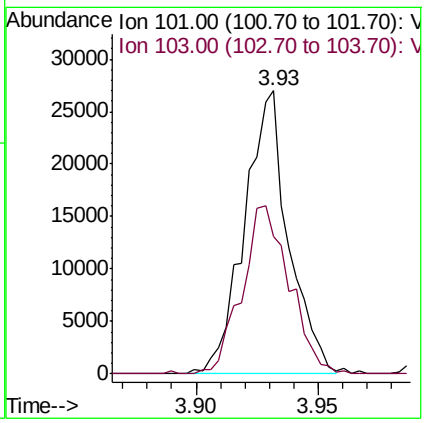


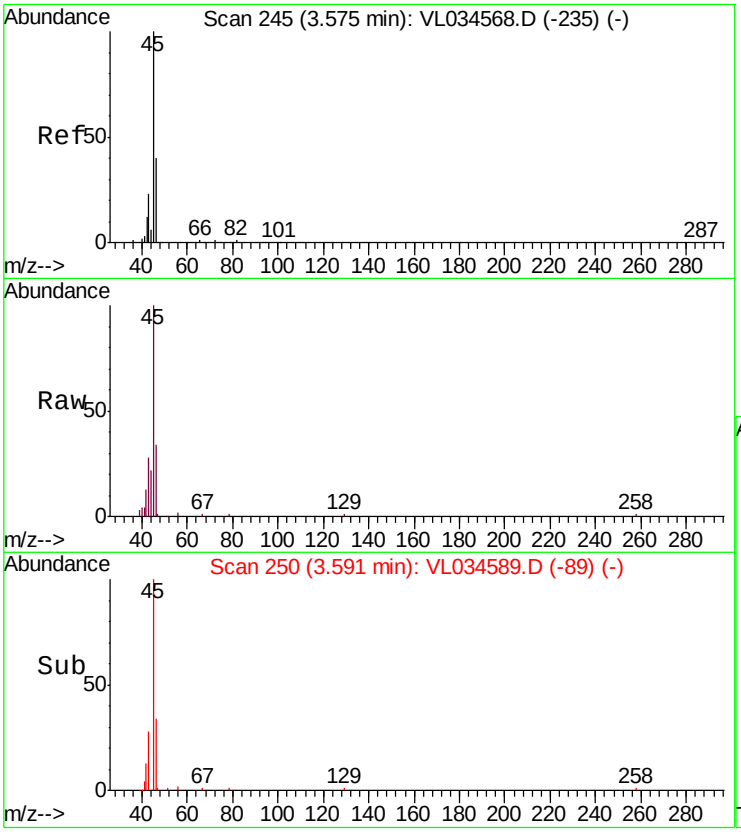


#11
Trichlorofluoromethane
Concen: 0.199 ppbv
RT: 3.93 min Scan# 356
Delta R.T. 0.01 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Tgt Ion:101 Resp: 33787

Ion	Ratio	Lower	Upper
101	100		
103	48.5	54.4	81.6#



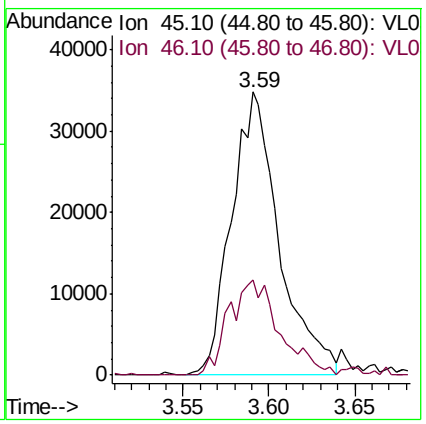


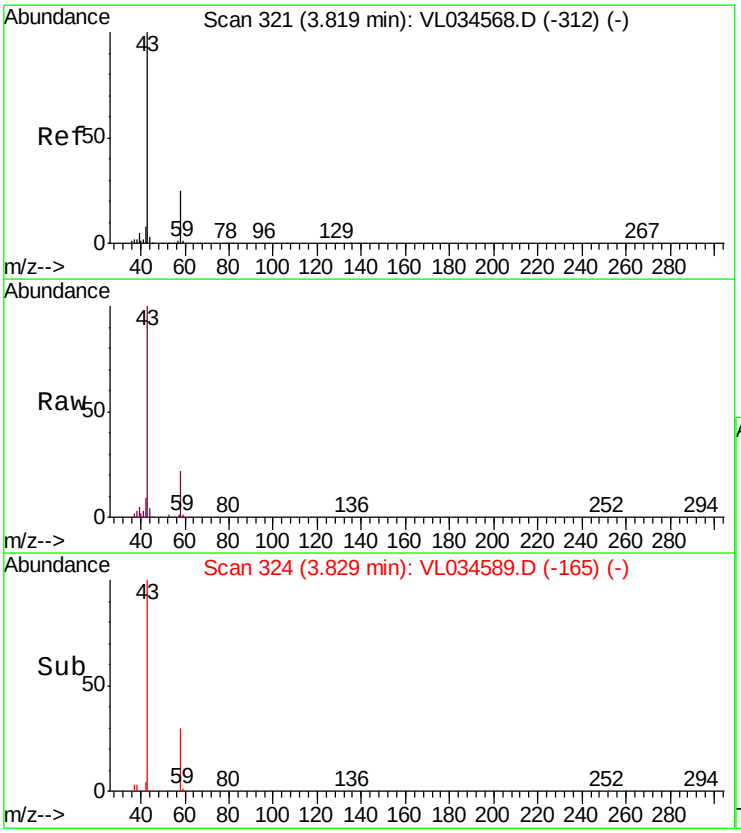
#13
Ethanol
Concen: 6.290 ppbv
RT: 3.59 min Scan# 250
Delta R.T. 0.02 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 45 Resp: 67092

Ion	Ratio	Lower	Upper
45	100		
46	36.7	14.8	59.2

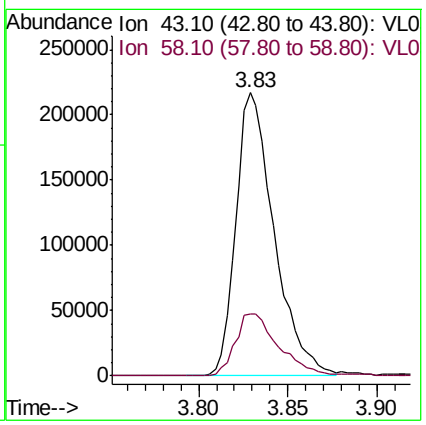


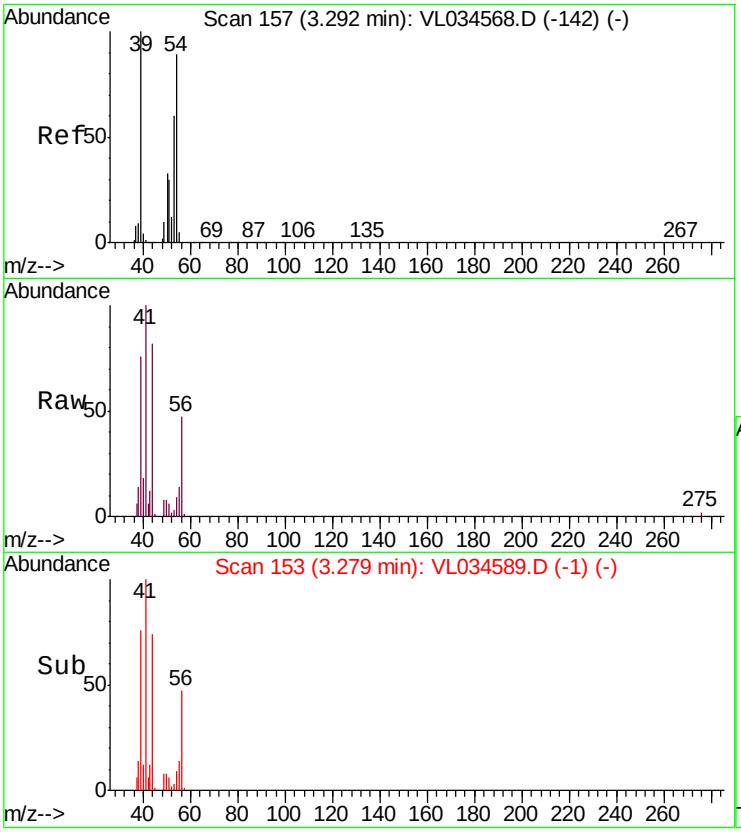


#15
Acetone
Concen: 2.598 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.01 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Tgt Ion: 43 Resp: 323151

Ion	Ratio	Lower	Upper
43	100		
58	25.3	20.3	30.5



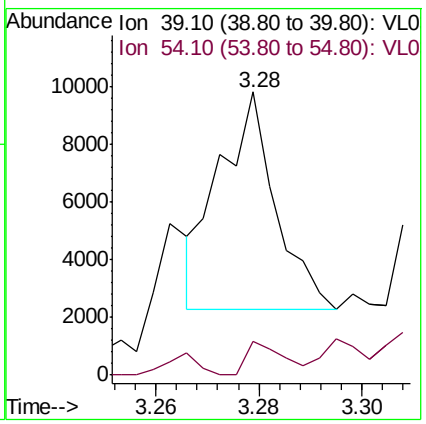


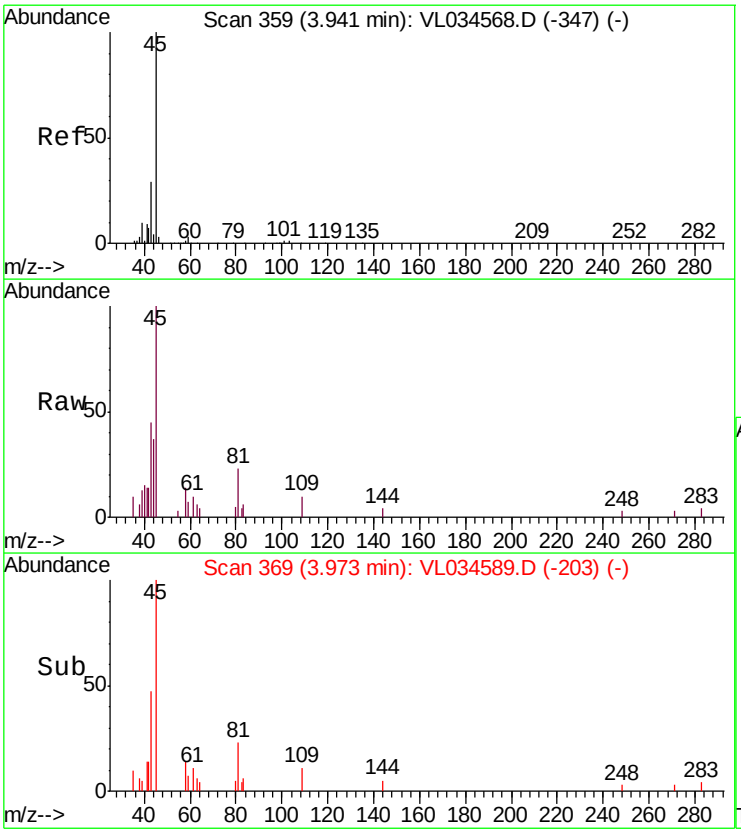
#16
1,3-Butadiene
Concen: 0.116 ppbv
RT: 3.28 min Scan# 153
Delta R.T. -0.01 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Instrument : MSVOA_L
ClientSampleId : IA-1

Tgt Ion: 39 Resp: 5726

Ion	Ratio	Lower	Upper
39	100		
54	0.0	66.7	100.1#

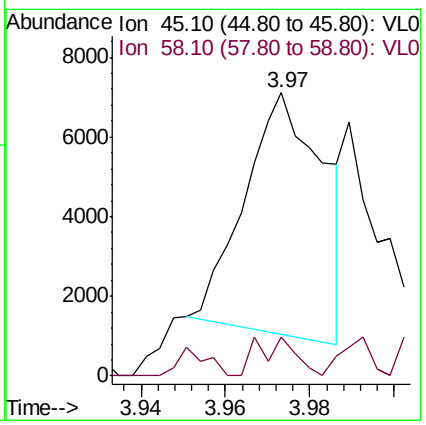


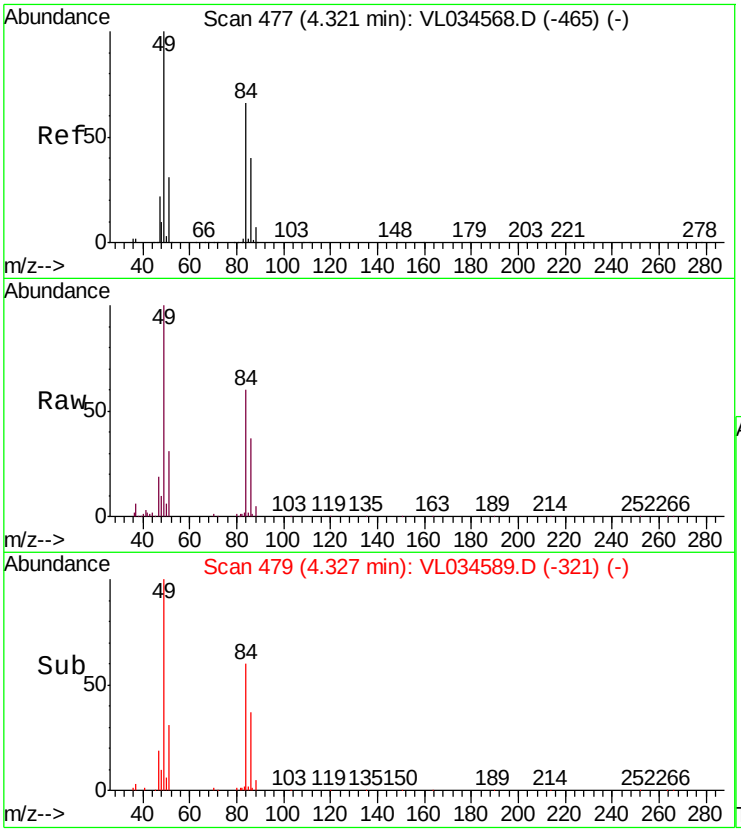


#19
Isopropyl Alcohol
Concen: 0.107 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.03 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Tgt Ion: 45 Resp: 7787

Ion	Ratio	Lower	Upper
45	100		
58	1048.0	1.7	2.5#



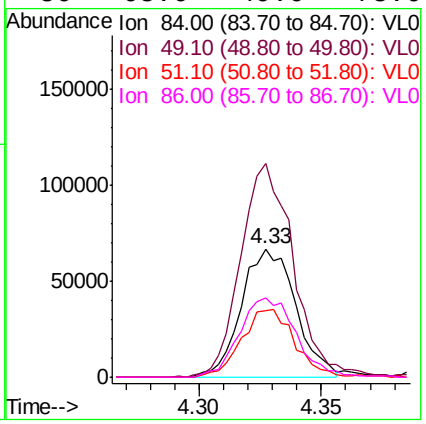


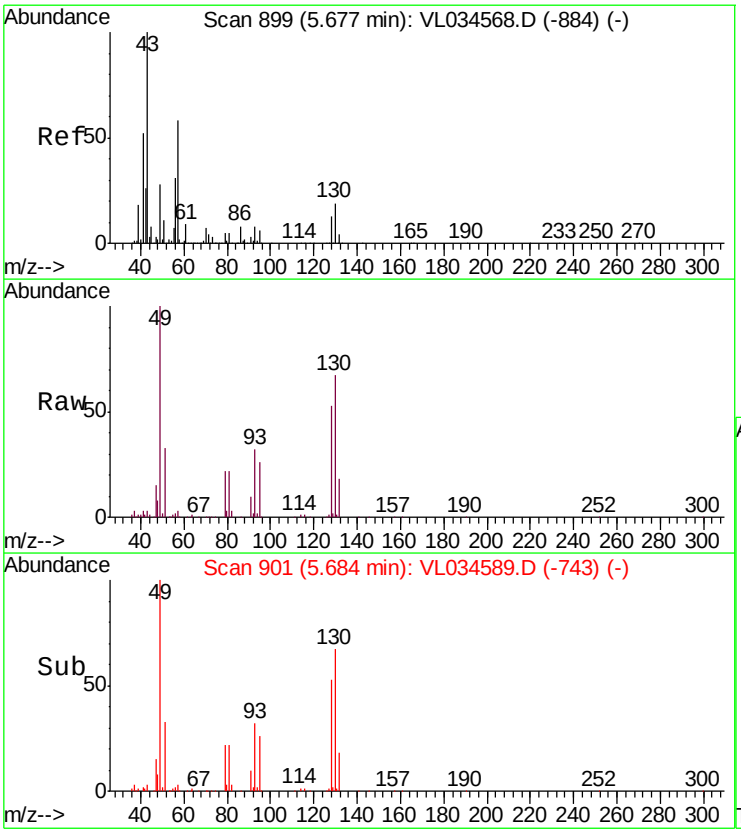
#20
Methylene Chloride
Concen: 2.170 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.01 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Instrument : MSVOA_L
ClientSampleId : IA-1

Tgt Ion: 84 Resp: 102771

Ion	Ratio	Lower	Upper
84	100		
49	165.7	122.4	183.6
51	51.5	38.6	57.8
86	63.6	49.0	73.6

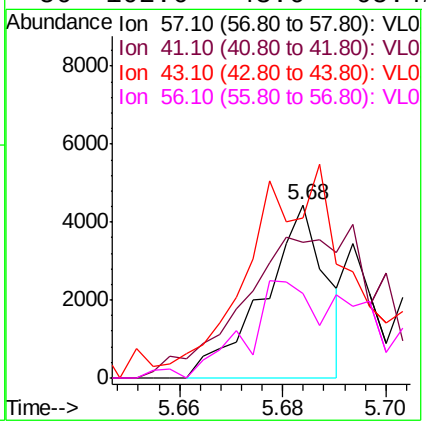


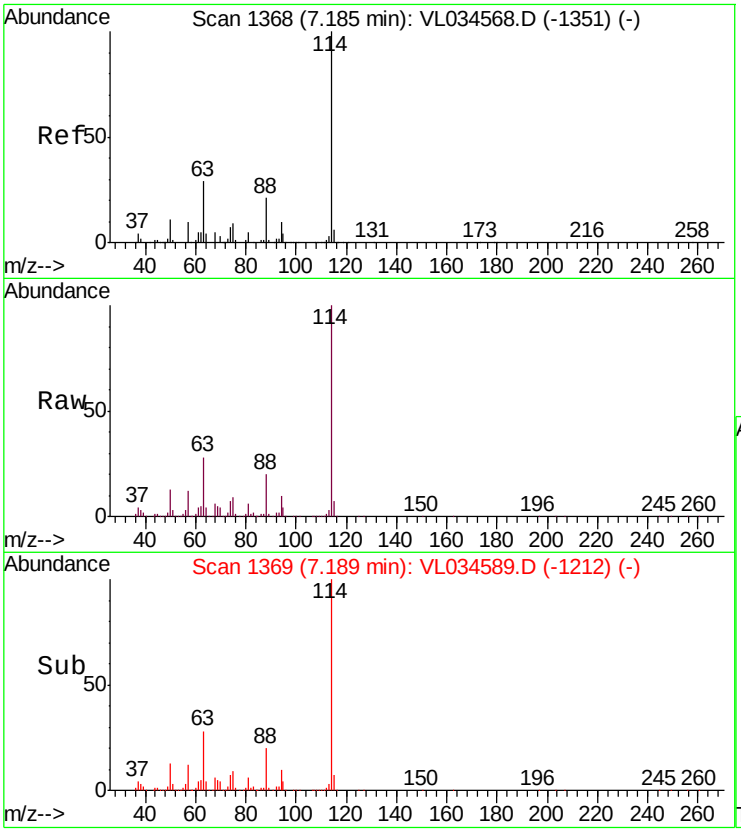


#26
Hexane
Concen: 0.044 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Tgt Ion: 57 Resp: 3724

Ion	Ratio	Lower	Upper
57	100		
41	0.0	76.2	114.2#
43	218.4	189.9	284.9
56	102.6	43.6	65.4#



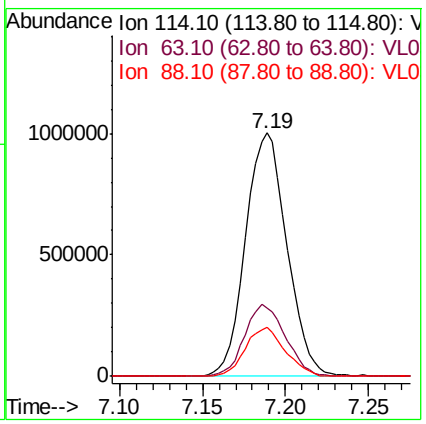


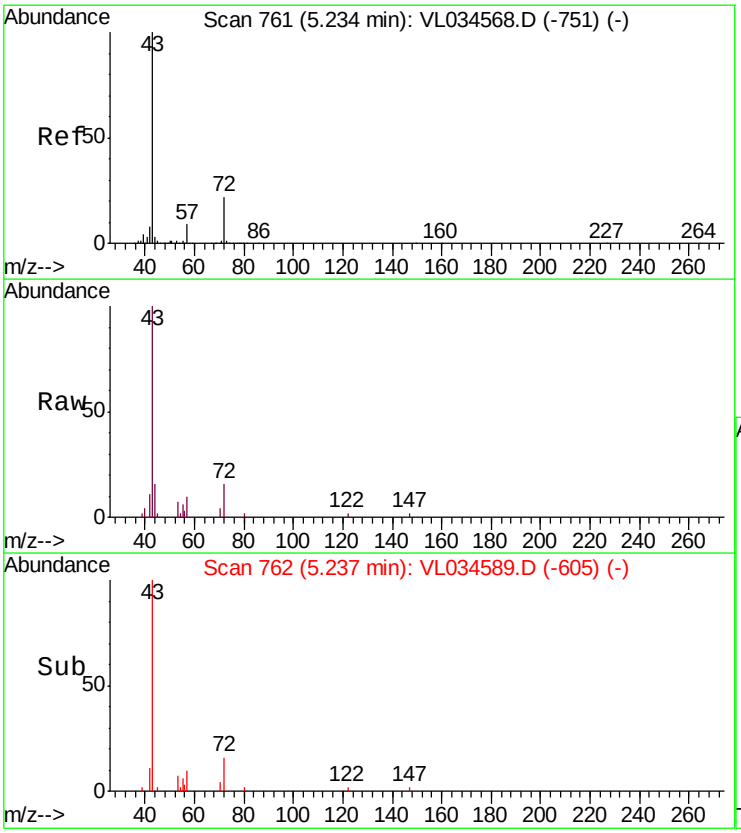
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion:114 Resp: 1737100

Ion	Ratio	Lower	Upper
114	100		
63	29.5	24.1	36.1
88	19.6	15.9	23.9

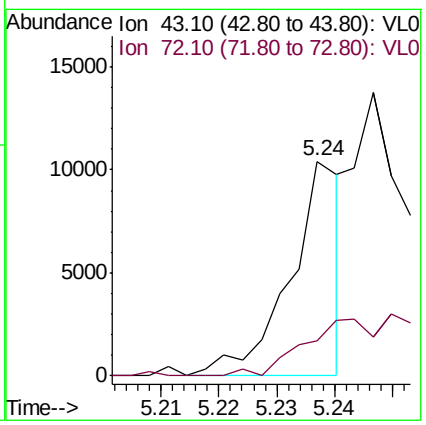


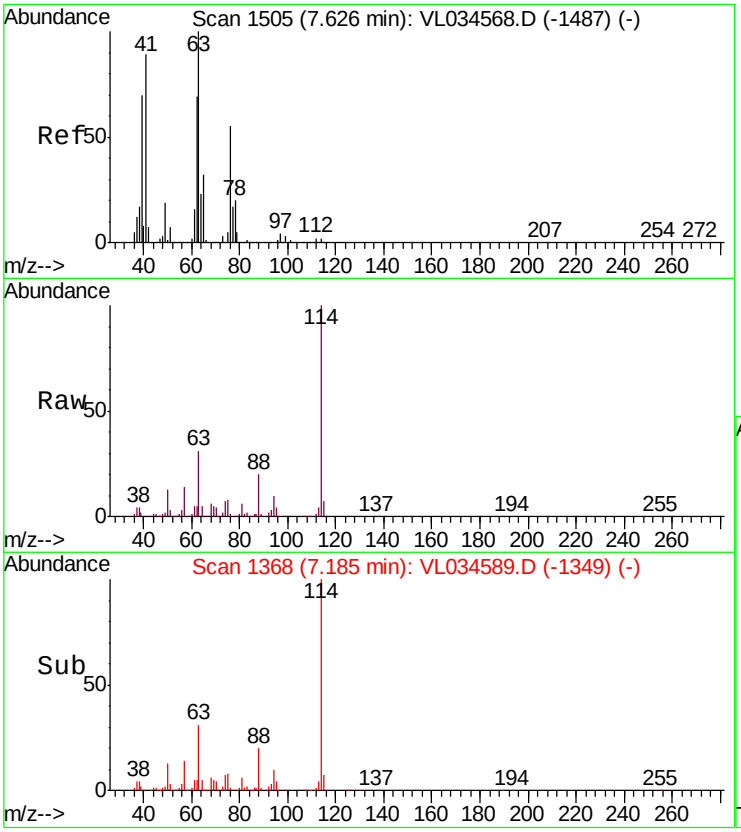


#34
2-Butanone
Concen: 0.051 ppbv
RT: 5.24 min Scan# 762
Delta R.T. 0.00 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Tgt Ion: 43 Resp: 6419

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.2	25.8#



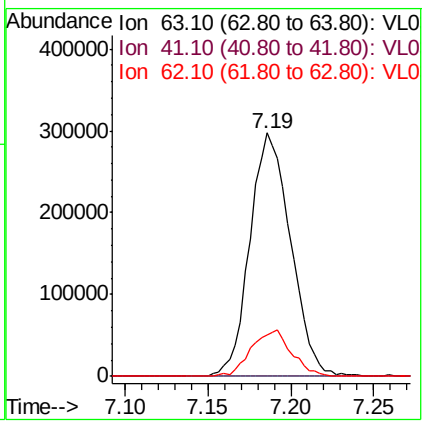


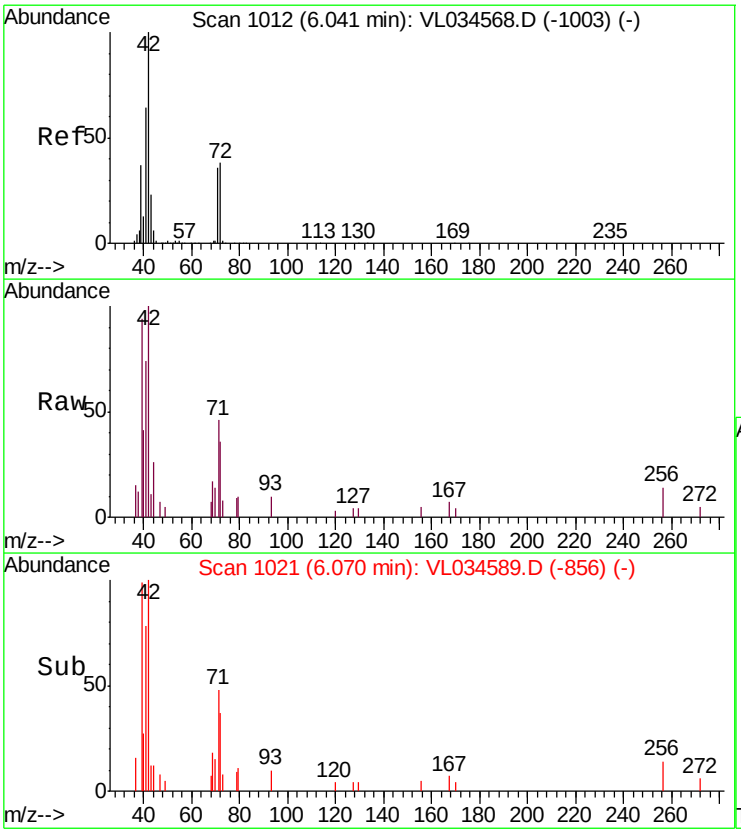
#39
1,2-Dichloropropane
Concen: 7.930 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.44 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Instrument : MSVOA_L
ClientSampleId : IA-1

Tgt Ion: 63 Resp: 507831

Ion	Ratio	Lower	Upper
63	100		
41	0.0	71.0	106.4#
62	17.1	55.4	83.0#

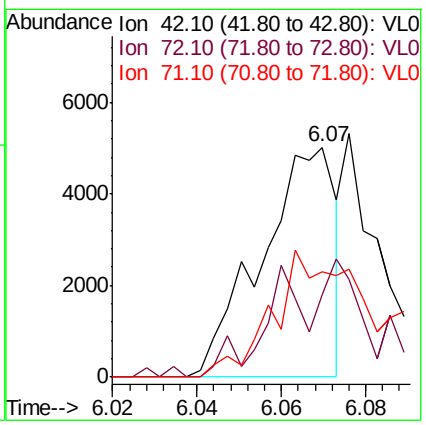


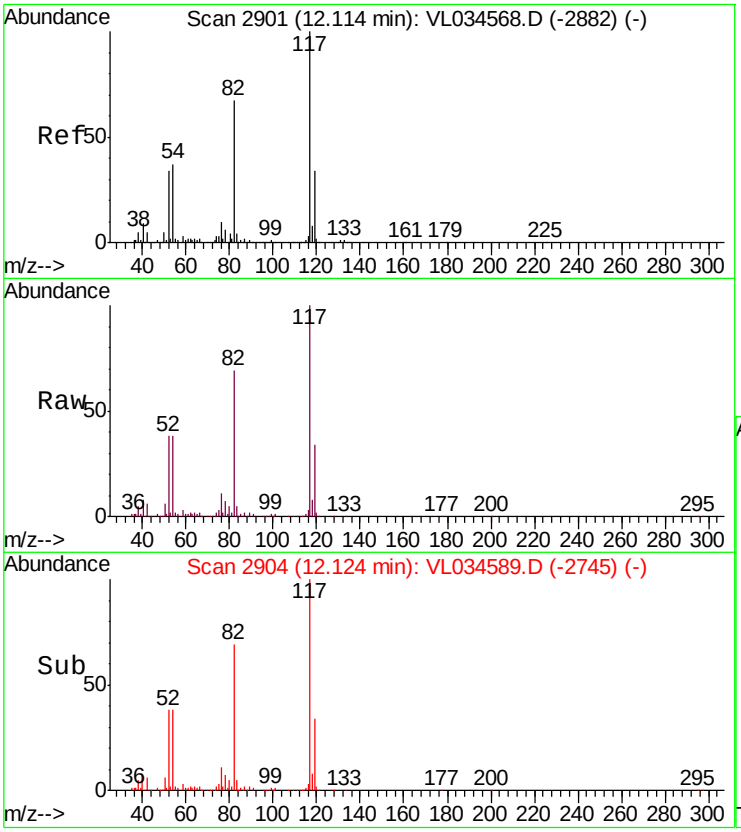


#41
Tetrahydrofuran
Concen: 0.093 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.03 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Tgt Ion: 42 Resp: 6120

Ion	Ratio	Lower	Upper
42	100		
72	65.1	31.8	47.8#
71	75.9	30.2	45.4#



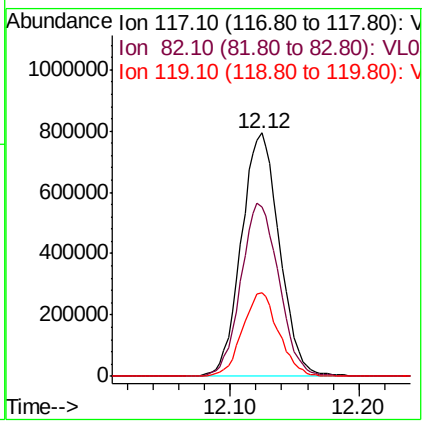


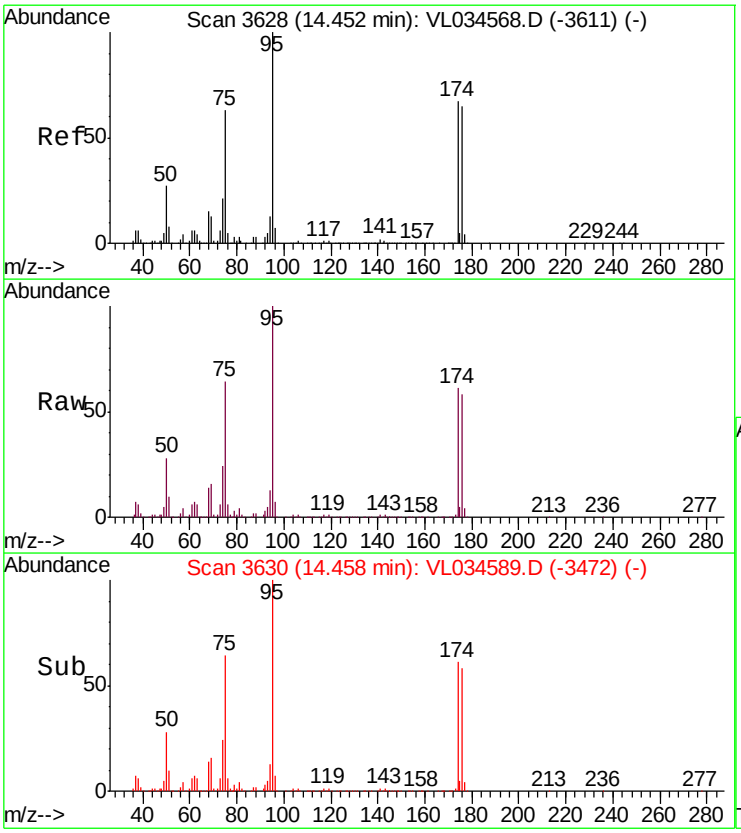
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.01 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Instrument : MSVOA_L
ClientSampleId : IA-1

Tgt Ion:117 Resp: 1633677

Ion	Ratio	Lower	Upper
117	100		
82	71.3	54.2	81.4
119	32.8	26.1	39.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.417 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.01 min
Lab File: VL034589.D
Acq: 4 Feb 2020 21:12

Tgt Ion: 95 Resp: 1438196

Ion	Ratio	Lower	Upper
95	100		
174	63.7	52.3	78.5
175	4.5	3.8	5.6