Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL121317\
Data File : VL031237.D
Acq On : 14 Dec 2017 18:26
Operator : SY/AP
Sample : I6907-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 15 05:17:51 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.91	49	1594088	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.45	114	3894893	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.41	117	3921921	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.75	95	3061453	10.97	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.18	85	12867	0.096	ppbv		89
7) Chloroethane	3.72	64	13227	0.353	ppbv		96
9) Propene	3.15	41	37388	0.420	ppbv	#	61
11) Trichlorofluoromethane	4.13	101	22222	0.100	ppbv		91
12) 1,1,2-Trichlorotrifluoroet	4.68	101	73873	0.476	ppbv		98
13) Ethanol	3.79	45	38225	1.490	ppbv		94
15) Acetone	4.05	43	95206	0.453	ppbv	#	74
18) 1,1-Dichloroethene	4.48	96	31738	0.457	ppbv		85
19) Isopropyl Alcohol	4.18	45	4768	0.036	ppbv	#	41
20) Methylene Chloride	4.54	84	12113	0.174	ppbv		90
22) trans-1,2-Dichloroethene	5.11	96	8058	0.094	ppbv	#	73
24) 1,1-Dichloroethane	5.23	63	456378	1.854	ppbv		99
32) 1,1,1-Trichloroethane	6.77	97	1490389	5.065	ppbv		99
37) 1,2-Dichloroethane	6.77	62	105148	0.462	ppbv	#	1
39) 1,2-Dichloropropane	7.44	63	941943	6.454	ppbv	#	27
53) Toluene	10.11	91	15407	0.034	ppbv	#	56

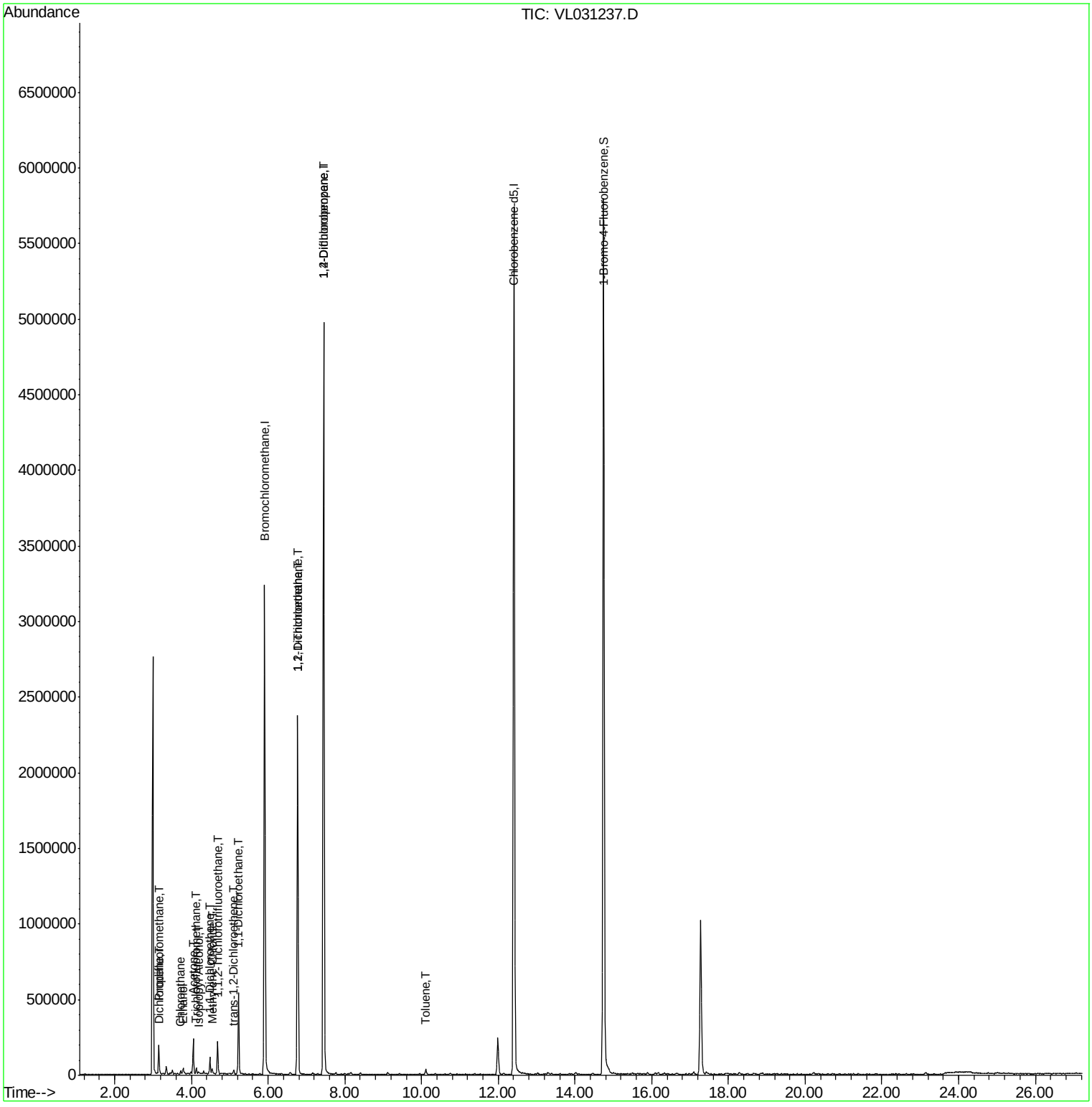
(#) = qualifier out of range (m) = manual integration (+) = signals summed

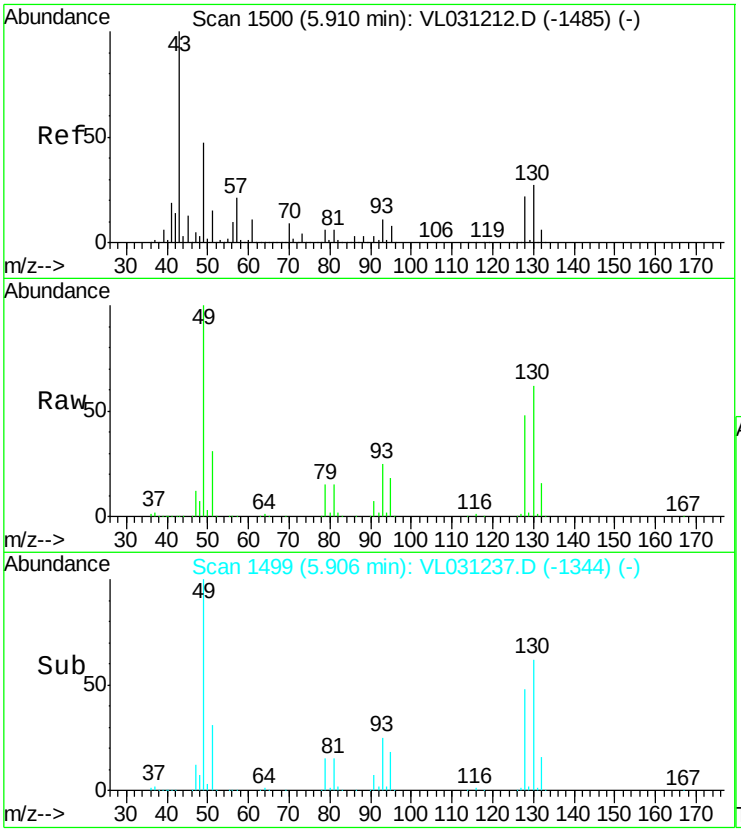
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL121317\
Data File : VL031237.D
Acq On : 14 Dec 2017 18:26
Operator : SY/AP
Sample : I6907-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 15 05:17:51 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration



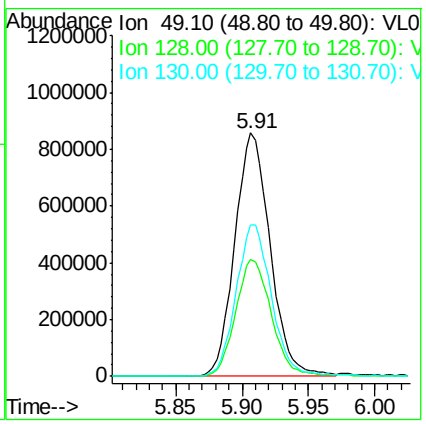


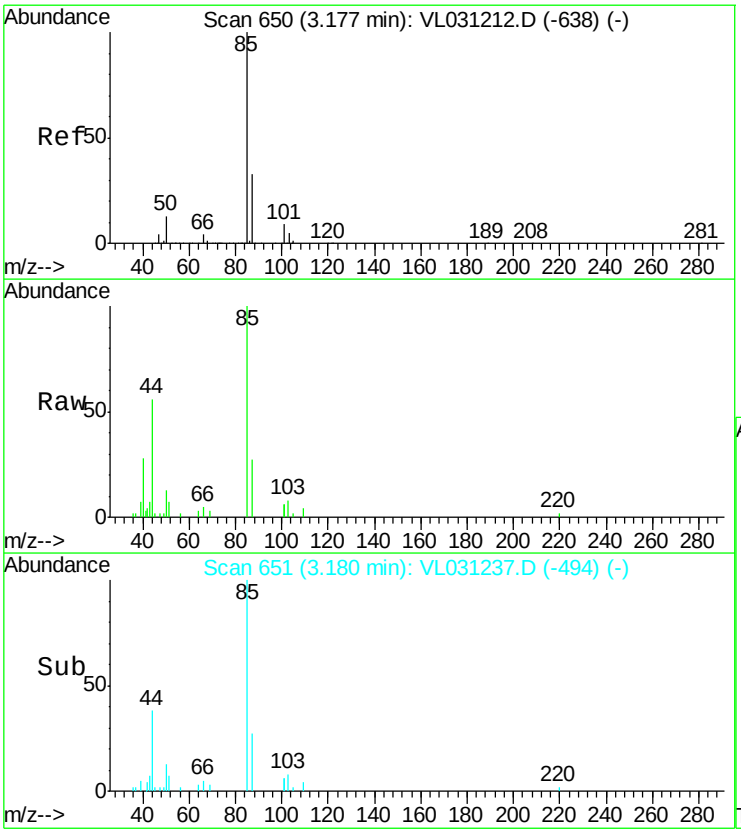
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1594088

Ion	Ratio	Lower	Upper
49	100		
128	49.2	23.2	69.5
130	63.0	29.6	88.8

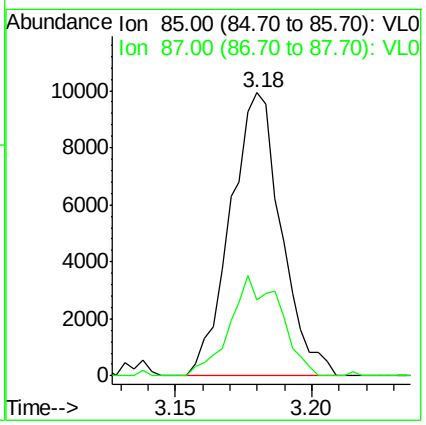


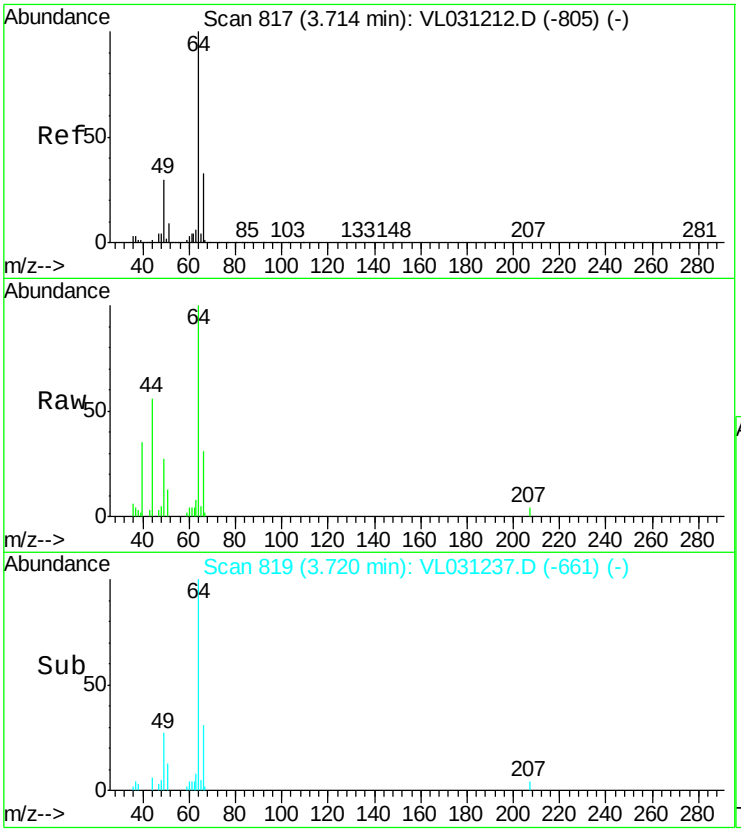


#2
Dichlorodifluoromethane
Concen: 0.096 ppbv
RT: 3.18 min Scan# 651
Delta R.T. 0.00 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Tgt Ion: 85 Resp: 12867

Ion	Ratio	Lower	Upper
85	100		
87	26.7	26.2	39.2



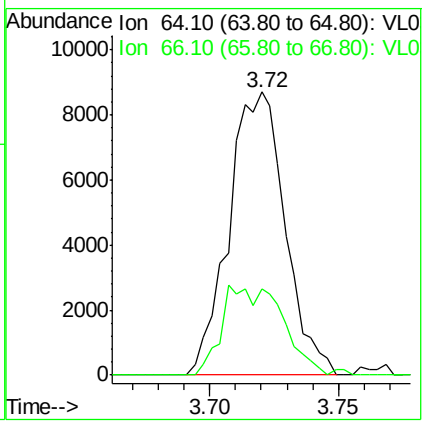


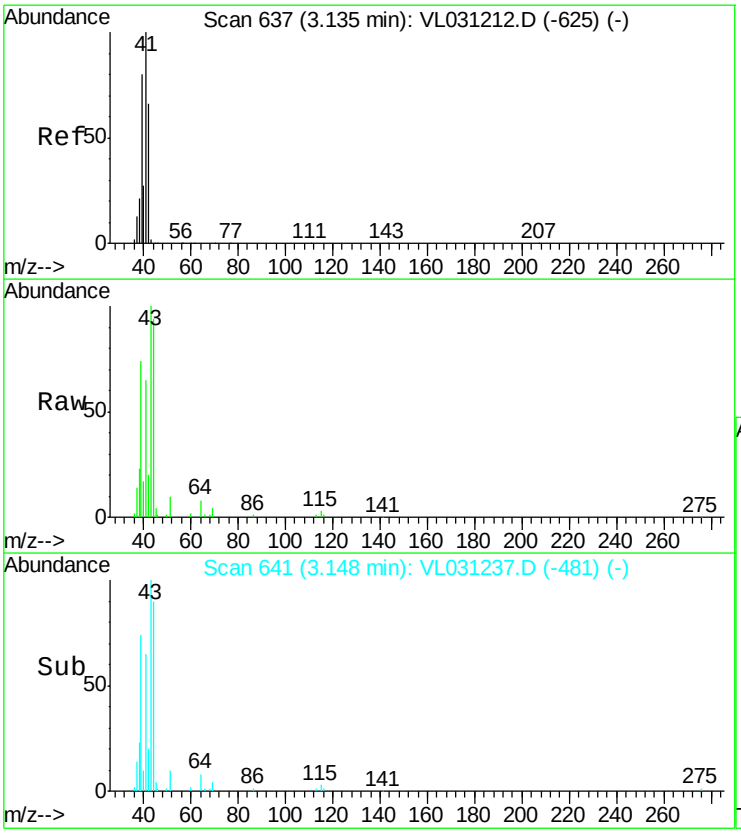
#7
Chloroethane
Concen: 0.353 ppbv
RT: 3.72 min Scan# 819
Delta R.T. 0.01 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 13227

Ion	Ratio	Lower	Upper
64	100		
66	30.6	26.2	39.2

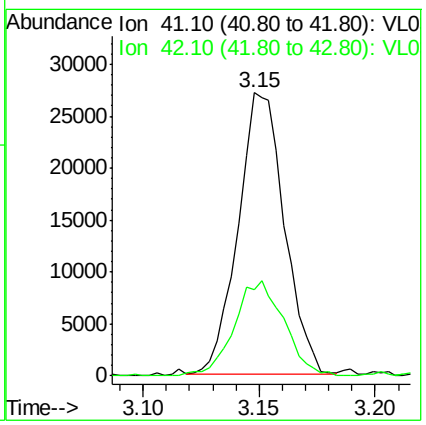


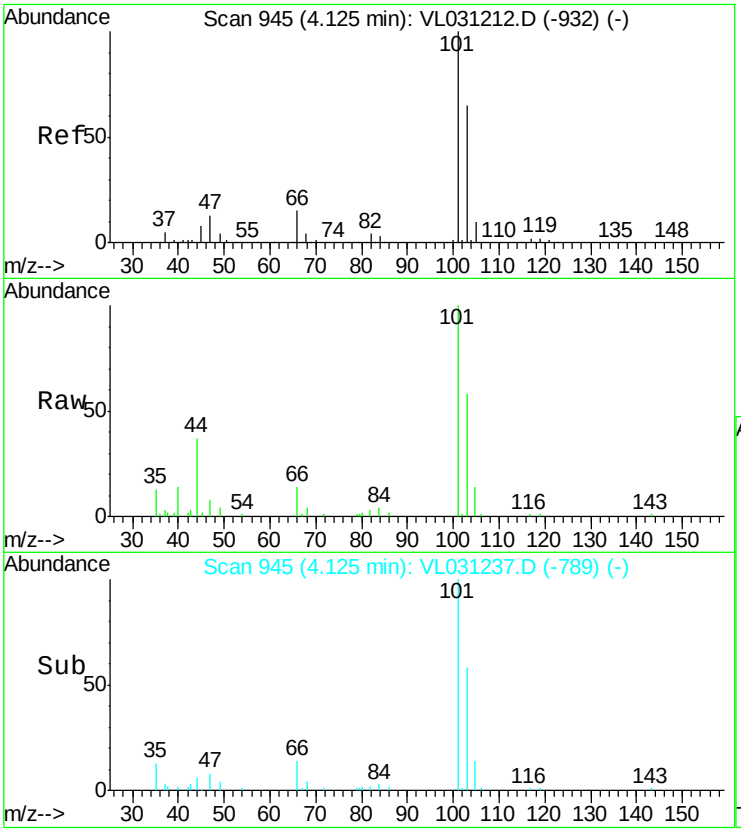


#9
Propene
Concen: 0.420 ppbv
RT: 3.15 min Scan# 641
Delta R.T. 0.01 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Tgt Ion: 41 Resp: 37388

Ion	Ratio	Lower	Upper
41	100		
42	36.3	54.3	81.5#



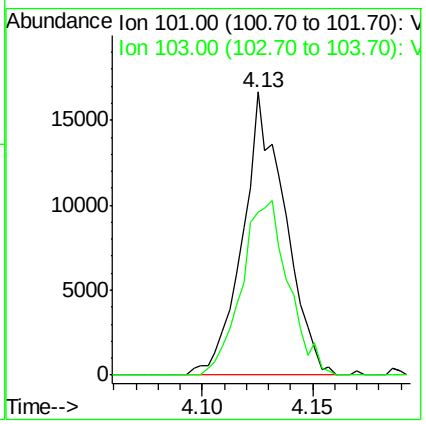


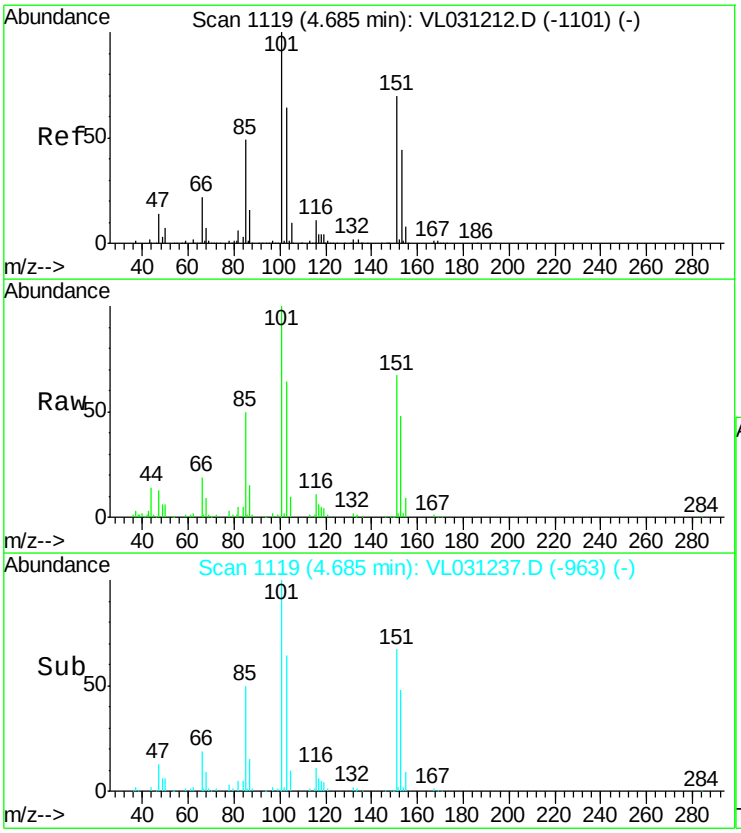
#11
Trichlorofluoromethane
Concen: 0.100 ppbv
RT: 4.13 min Scan# 945
Delta R.T. 0.00 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 22222

Ion	Ratio	Lower	Upper
101	100		
103	57.7	51.8	77.8

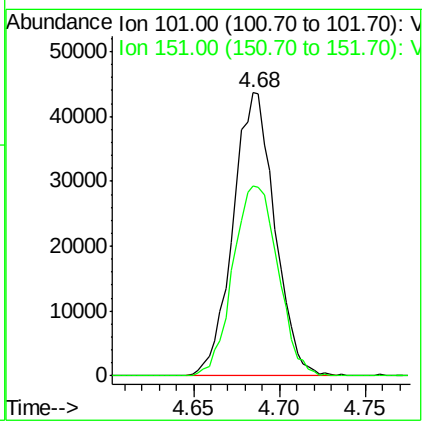


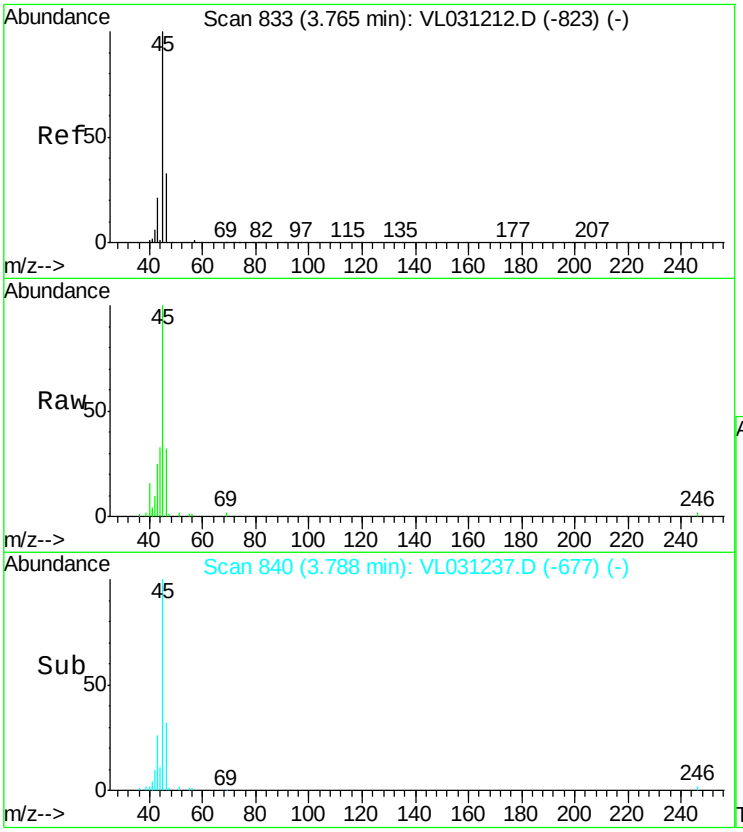


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.476 ppbv
RT: 4.68 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Tgt Ion:101 Resp: 73873

Ion	Ratio	Lower	Upper
101	100		
151	72.2	56.5	84.7



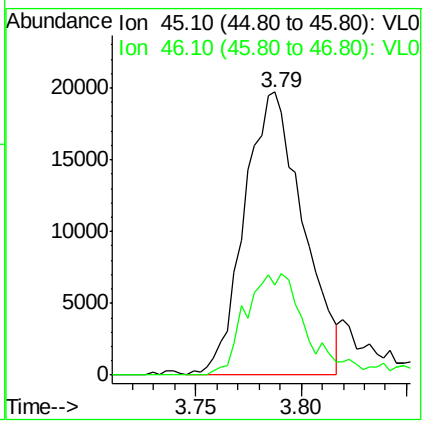


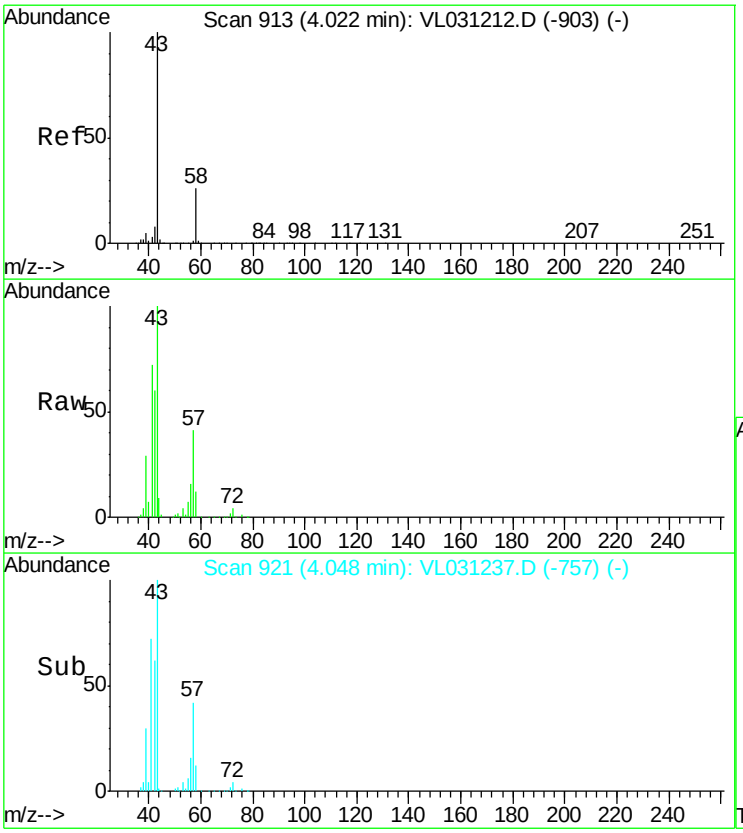
#13
Ethanol
Concen: 1.490 ppbv
RT: 3.79 min Scan# 840
Delta R.T. 0.02 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 38225

Ion	Ratio	Lower	Upper
45	100		
46	39.9	14.6	58.4

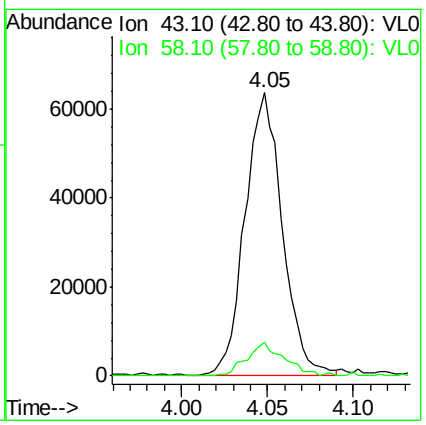


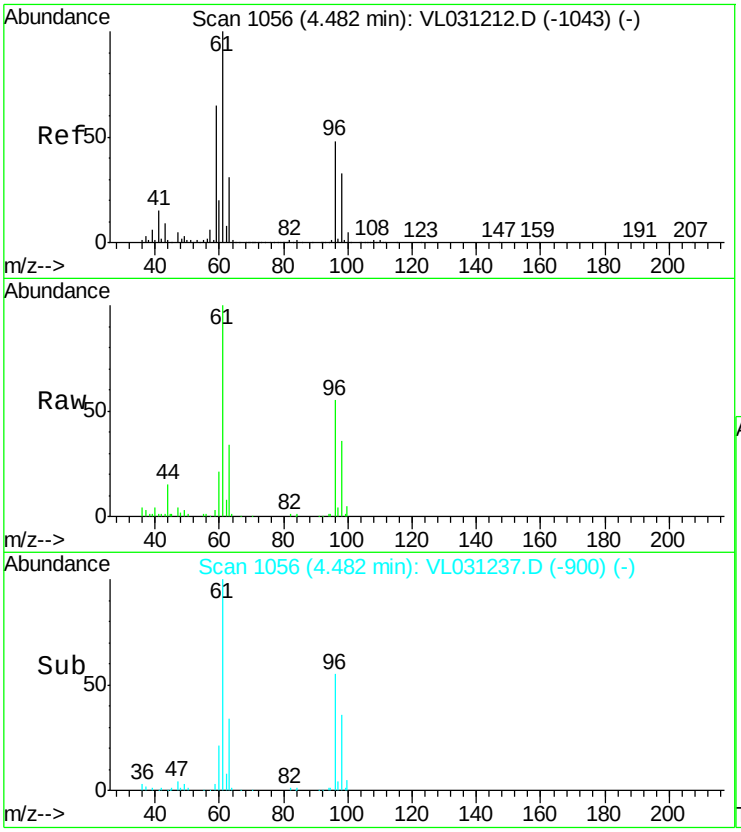


#15
Acetone
Concen: 0.453 ppbv
RT: 4.05 min Scan# 921
Delta R.T. 0.03 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Tgt Ion: 43 Resp: 95206

Ion	Ratio	Lower	Upper
43	100		
58	12.2	20.3	30.5#



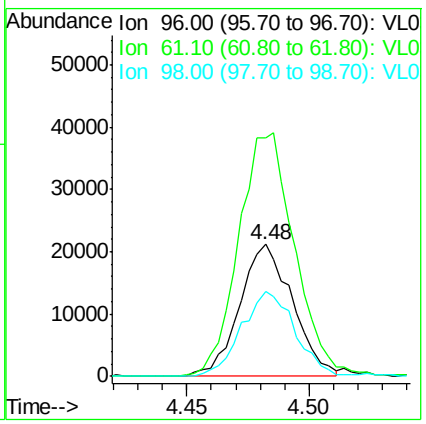


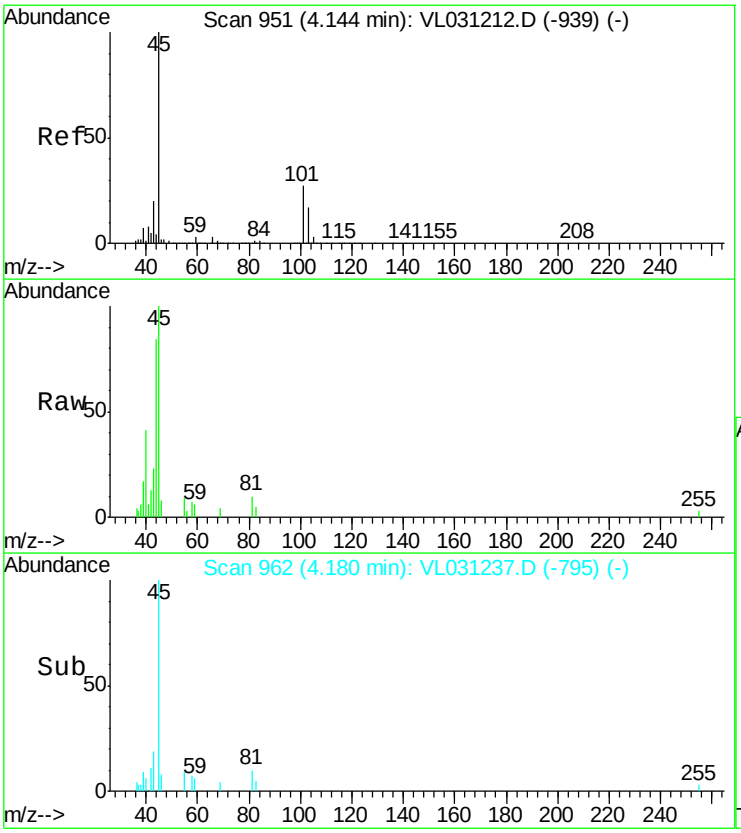
#18
1,1-Dichloroethene
Concen: 0.457 ppbv
RT: 4.48 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 31738

Ion	Ratio	Lower	Upper
96	100		
61	179.4	166.8	250.2
98	64.7	55.0	82.6

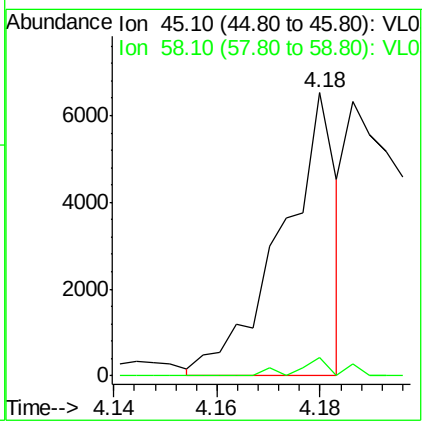


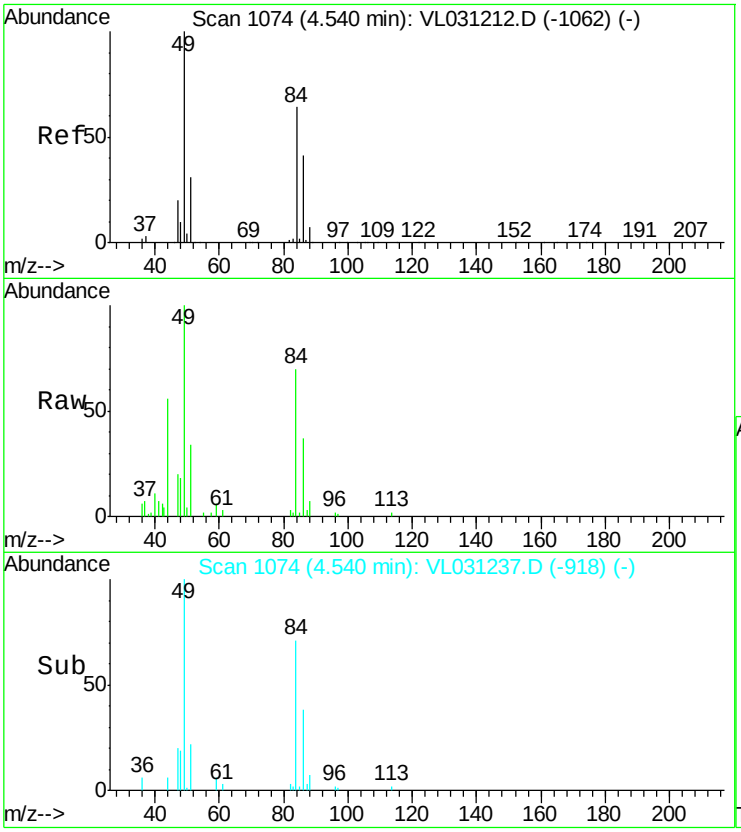


#19
Isopropyl Alcohol
Concen: 0.036 ppbv
RT: 4.18 min Scan# 962
Delta R.T. 0.04 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Tgt Ion: 45 Resp: 4768

Ion	Ratio	Lower	Upper
45	100		
58	0.0	27.2	40.8#



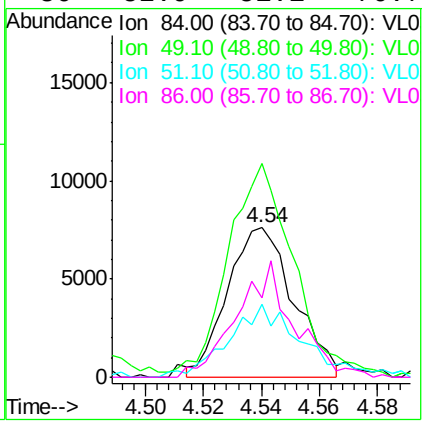


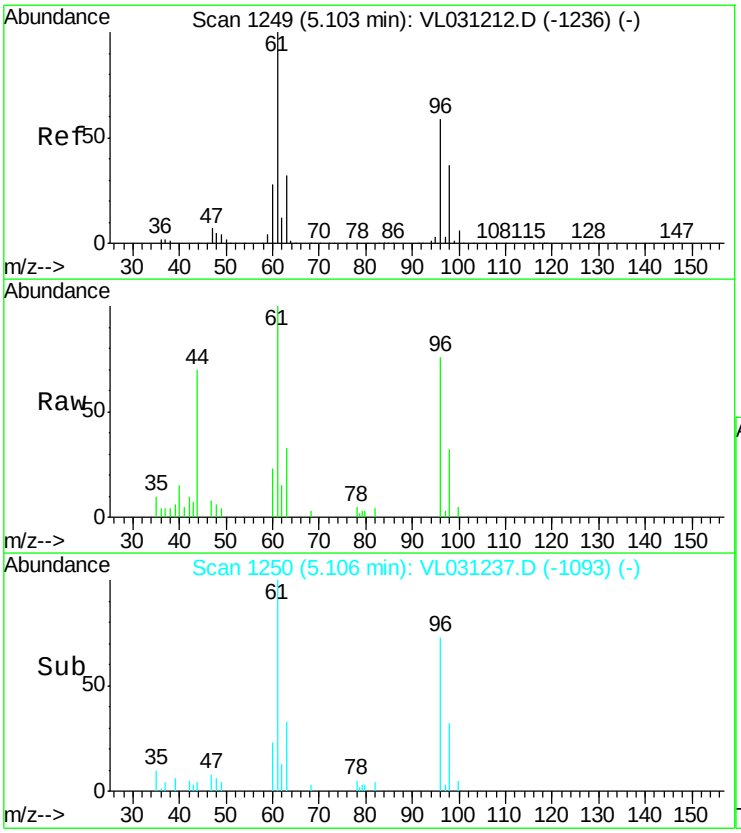
#20
Methylene Chloride
Concen: 0.174 ppbv
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 12113

Ion	Ratio	Lower	Upper
84	100		
49	141.6	125.8	188.6
51	49.2	39.3	58.9
86	52.9	51.1	76.7

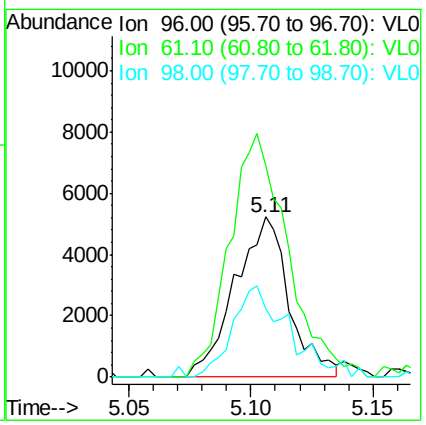


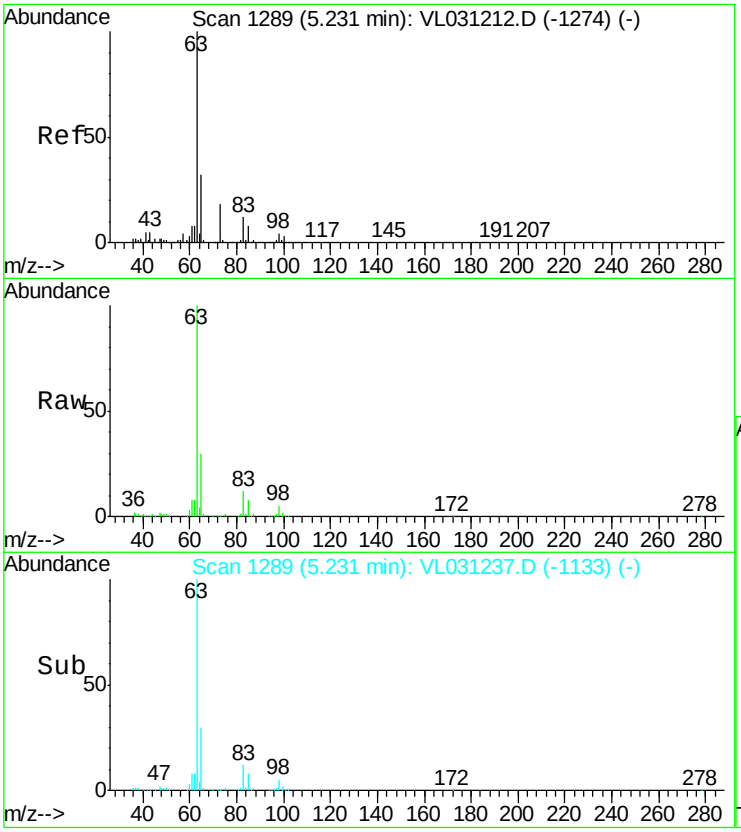


#22
trans-1,2-Dichloroethene
Concen: 0.094 ppbv
RT: 5.11 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Tgt Ion: 96 Resp: 8058

Ion	Ratio	Lower	Upper
96	100		
61	132.2	135.0	202.4#
98	42.8	50.5	75.7#



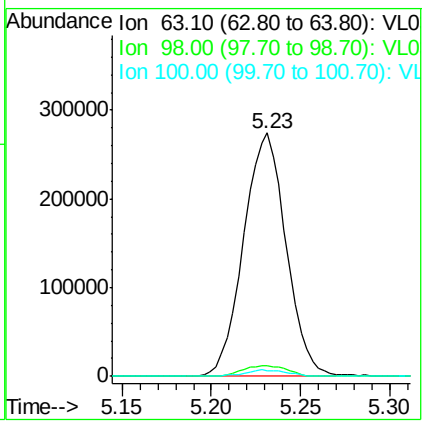


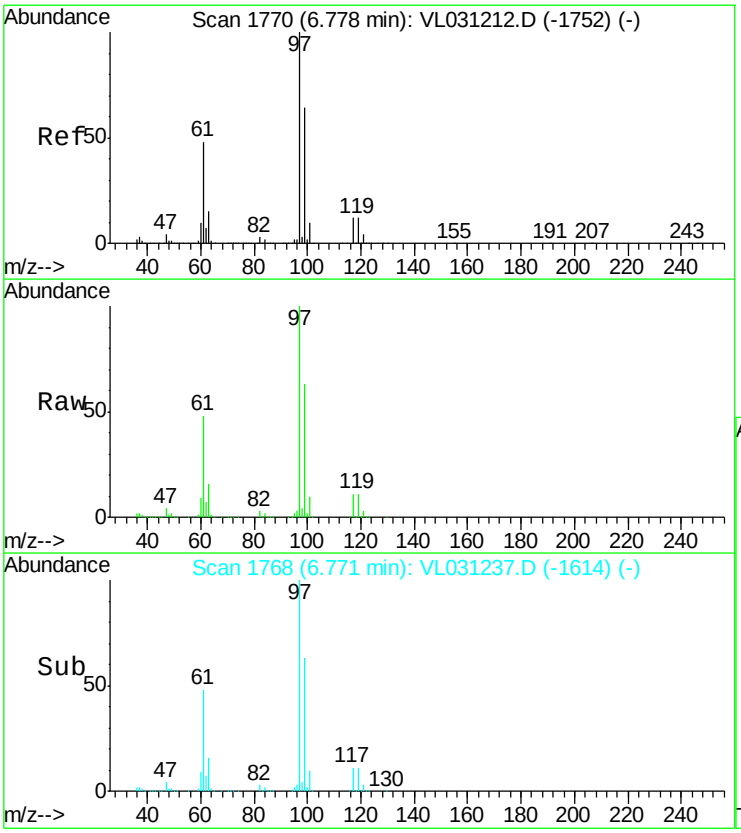
#24
1,1-Dichloroethane
Concen: 1.854 ppbv
RT: 5.23 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 456378

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.8
100	2.1	1.4	4.2

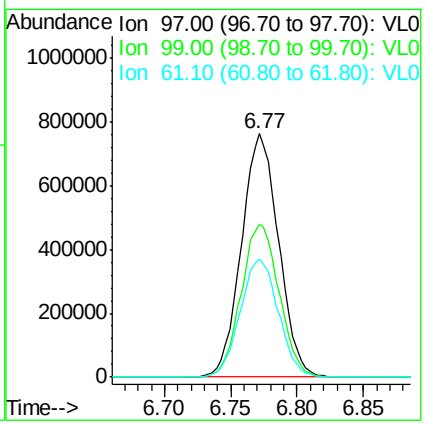


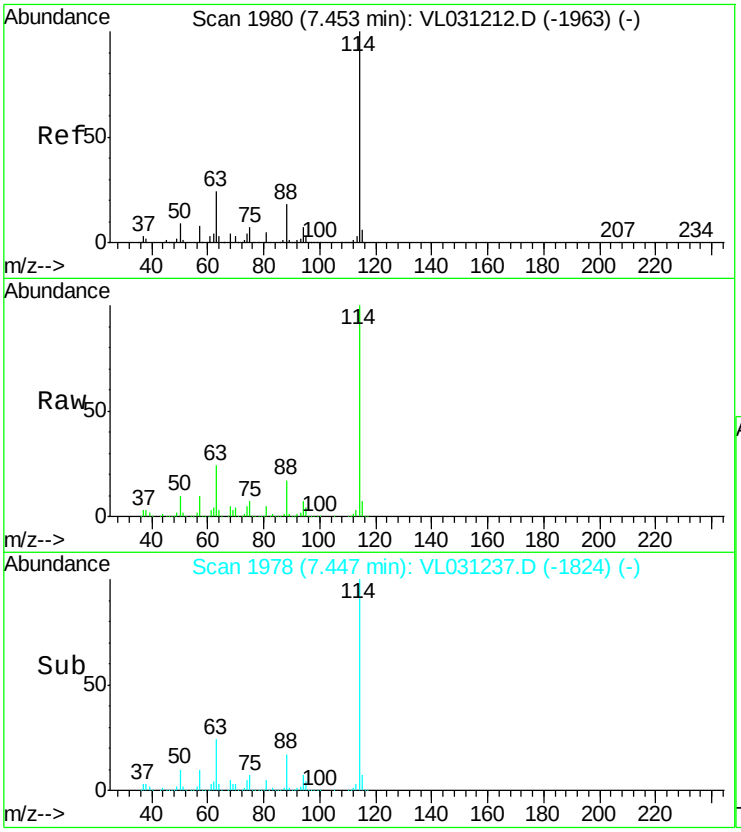


#32
1,1,1-Trichloroethane
Concen: 5.065 ppbv
RT: 6.77 min Scan# 1768
Delta R.T. -0.01 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Tgt Ion: 97 Resp: 1490389

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	49.7	38.4	57.6



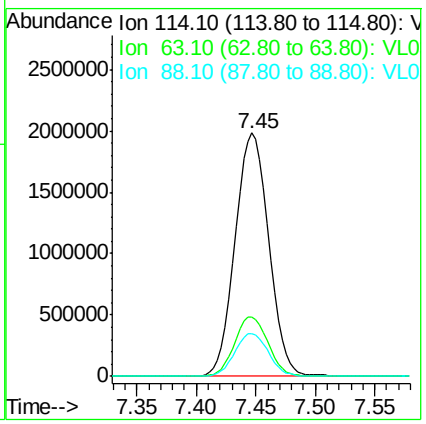


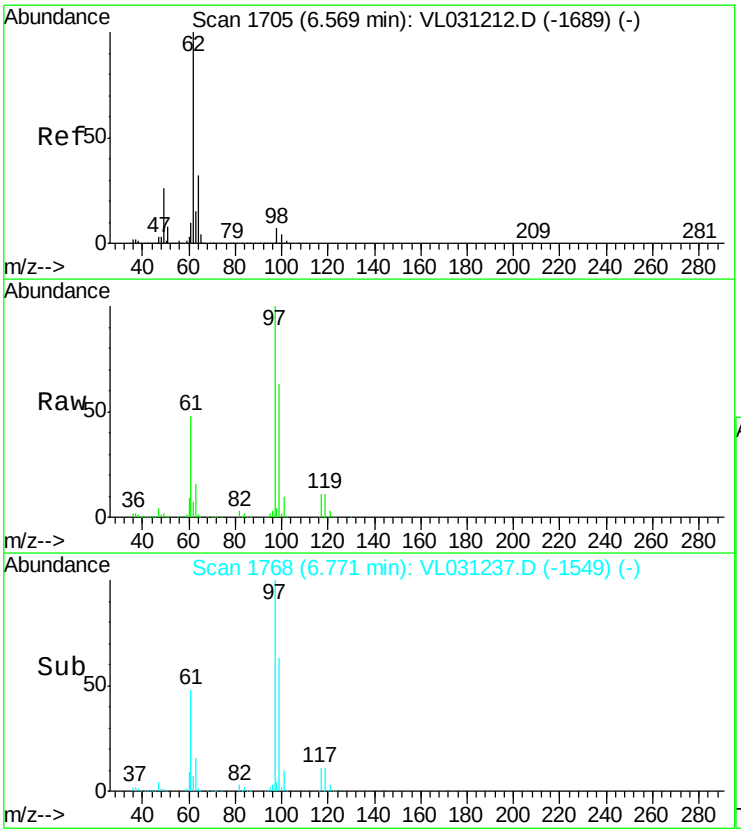
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.45 min Scan# 1978
Delta R.T. -0.01 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3894893

Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.8	29.8
88	17.6	14.2	21.4

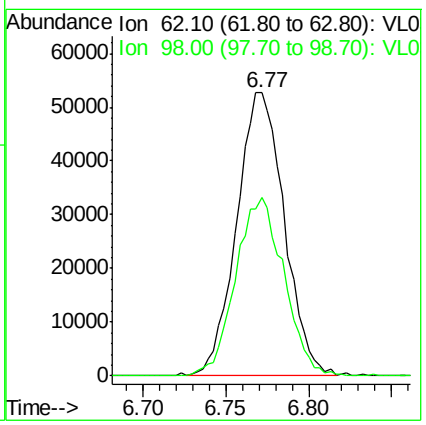


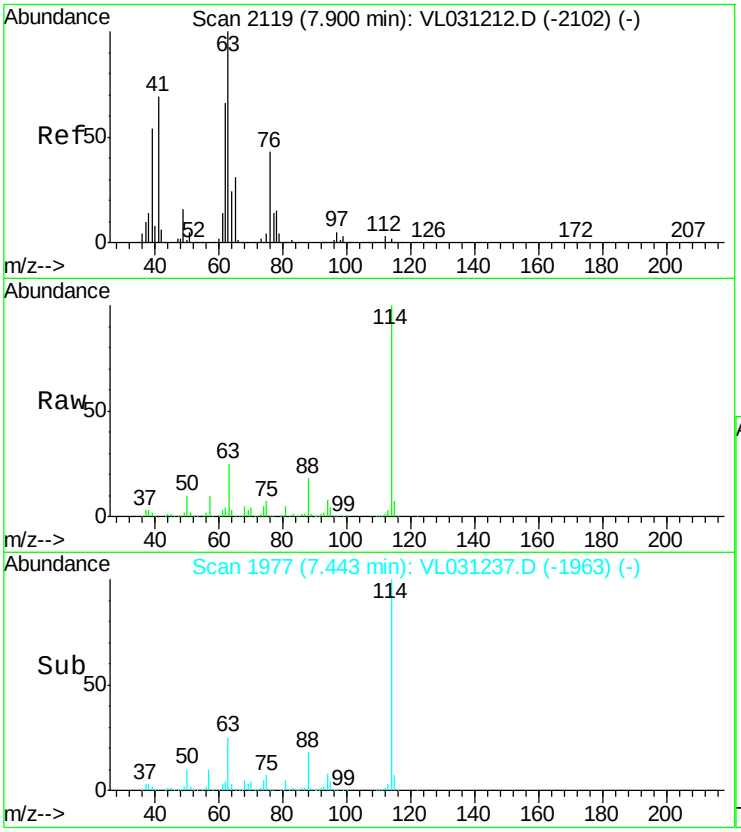


#37
1,2-Dichloroethane
Concen: 0.462 ppbv
RT: 6.77 min Scan# 1768
Delta R.T. 0.20 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Tgt Ion: 62 Resp: 105148

Ion	Ratio	Lower	Upper
62	100		
98	63.8	5.4	8.2#



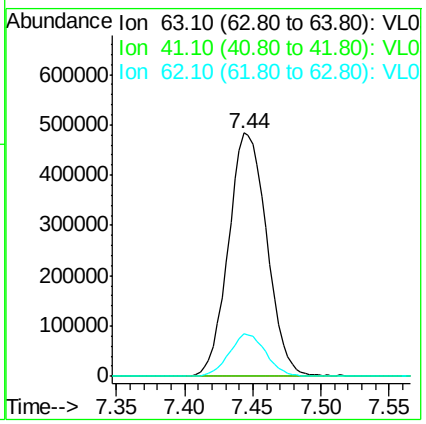


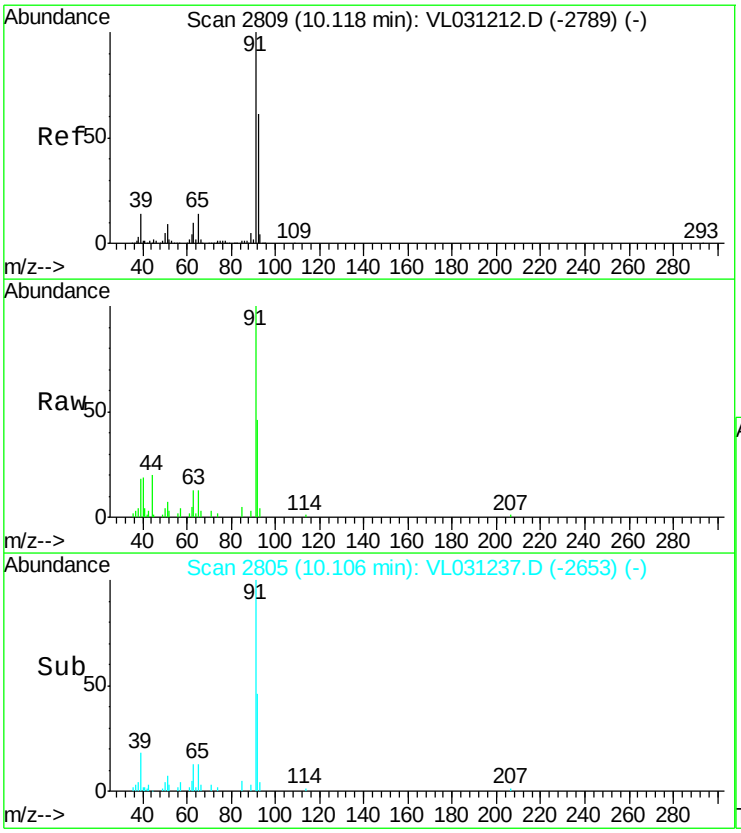
#39
1,2-Dichloropropane
Concen: 6.454 ppbv
RT: 7.44 min Scan# 1977
Delta R.T. -0.46 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 941943

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.2	82.8#
62	17.3	53.0	79.4#

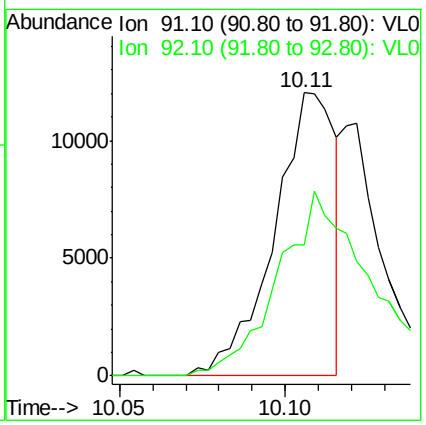


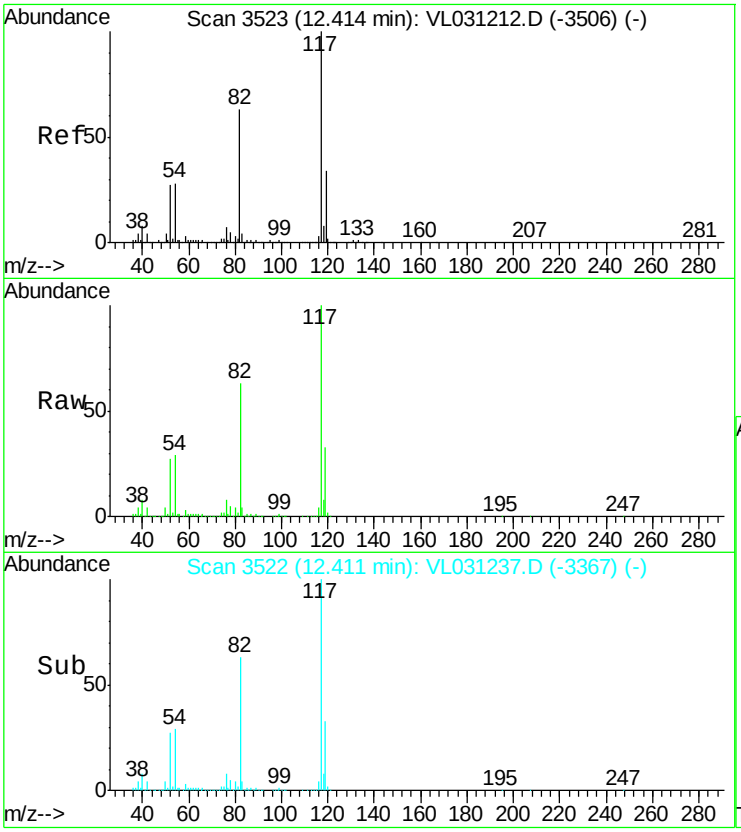


#53
Toluene
Concen: 0.034 ppbv
RT: 10.11 min Scan# 2805
Delta R.T. -0.01 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Tgt Ion: 91 Resp: 15407

Ion	Ratio	Lower	Upper
91	100		
92	95.4	49.1	73.7#



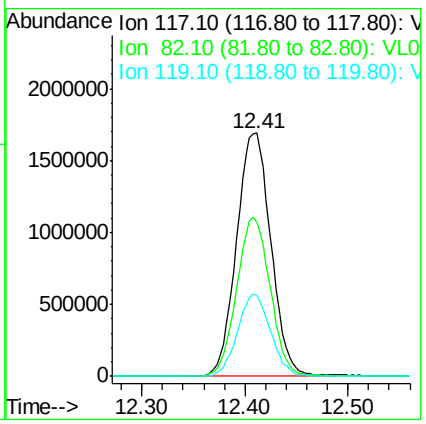


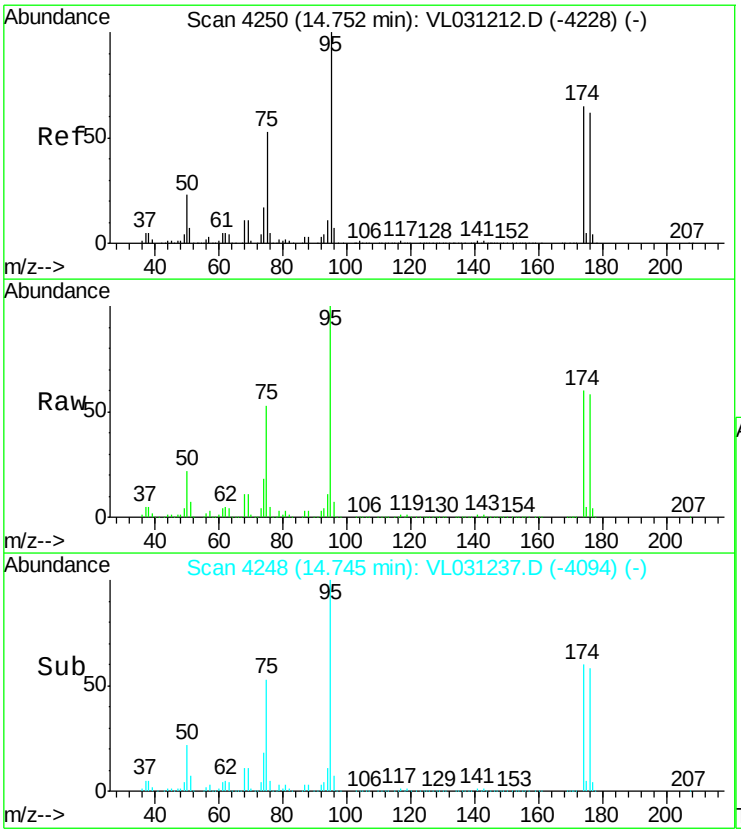
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.41 min Scan# 3522
Delta R.T. -0.00 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3921921

Ion	Ratio	Lower	Upper
117	100		
82	63.9	48.1	72.1
119	32.6	23.1	34.7





#68
1-Bromo-4-Fluorobenzene
Concen: 10.974 ppbv
RT: 14.75 min Scan# 4248
Delta R.T. -0.01 min
Lab File: VL031237.D
Acq: 14 Dec 2017 18:26

Tgt Ion: 95 Resp: 3061453

Ion	Ratio	Lower	Upper
95	100		
174	62.3	52.5	78.7
175	4.8	4.1	6.1