Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL121317\
Data File : VL031234.D
Acq On : 14 Dec 2017 16:29
Operator : SY/AP
Sample : I6907-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 15 05:17:01 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	1664273	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.45	114	4096959	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.41	117	4068686	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.75	95	3107472	10.74	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.40%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.12	51	7763	0.041	ppbv		95
7) Chloroethane	3.71	64	5063	0.129	ppbv		97
9) Propene	3.34	41	14741	0.159	ppbv		88
11) Trichlorofluoromethane	4.13	101	23557	0.102	ppbv		91
12) 1,1,2-Trichlorotrifluoroet	4.69	101	20115	0.124	ppbv		94
13) Ethanol	3.79	45	25682	0.959	ppbv		96
15) Acetone	4.05	43	77039	0.351	ppbv	#	77
18) 1,1-Dichloroethene	4.49	96	21931	0.302	ppbv		84
20) Methylene Chloride	4.54	84	19698	0.271	ppbv		92
22) trans-1,2-Dichloroethene	5.10	96	6098	0.068	ppbv		92
24) 1,1-Dichloroethane	5.23	63	291188	1.133	ppbv		100
26) Hexane	5.93	57	9597	0.045	ppbv	#	44
32) 1,1,1-Trichloroethane	6.77	97	1937665	6.307	ppbv		99
37) 1,2-Dichloroethane	6.77	62	134947	0.563	ppbv	#	1
39) 1,2-Dichloropropane	7.45	63	996228	6.489	ppbv	#	27

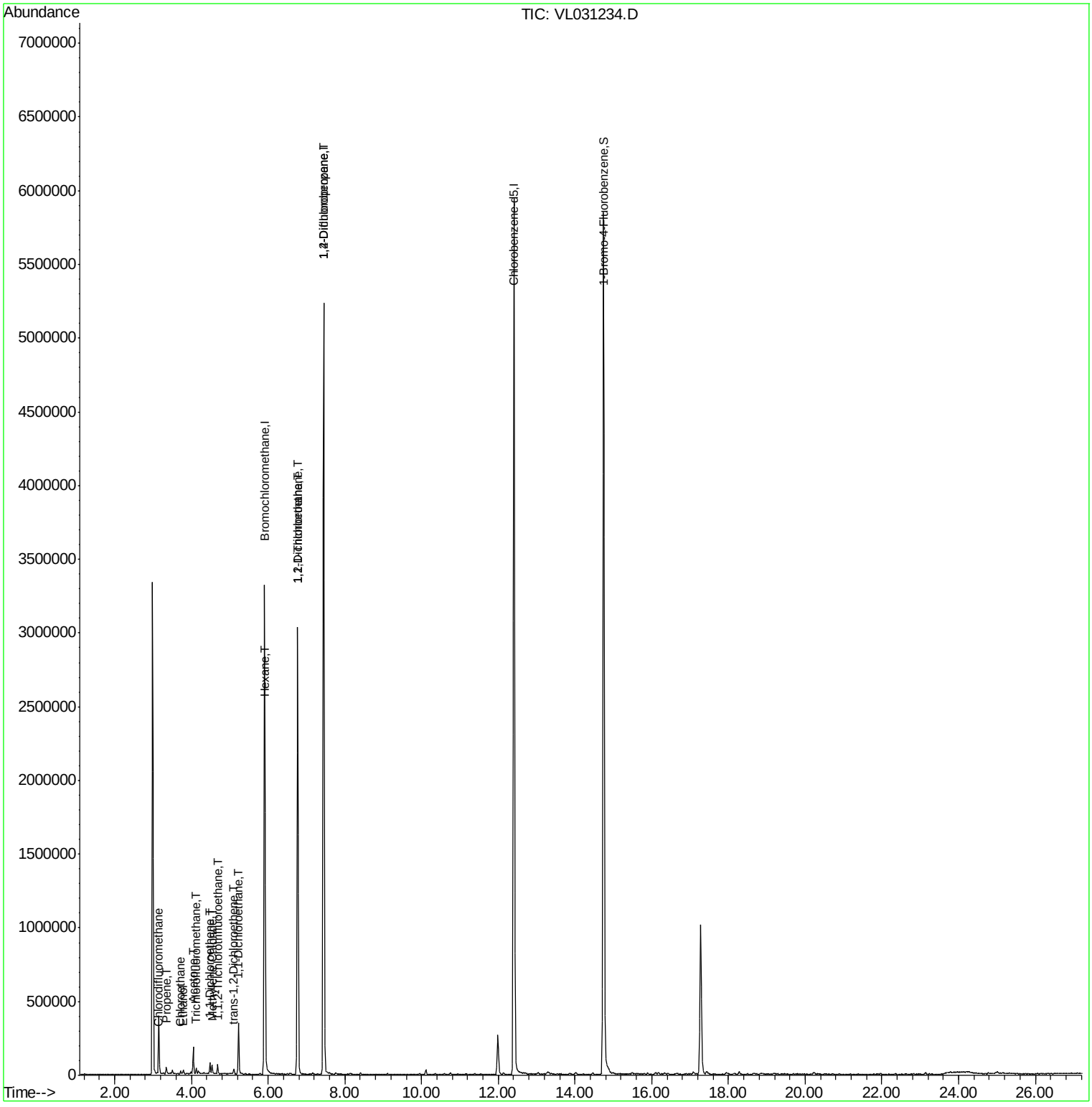
(#) = qualifier out of range (m) = manual integration (+) = signals summed

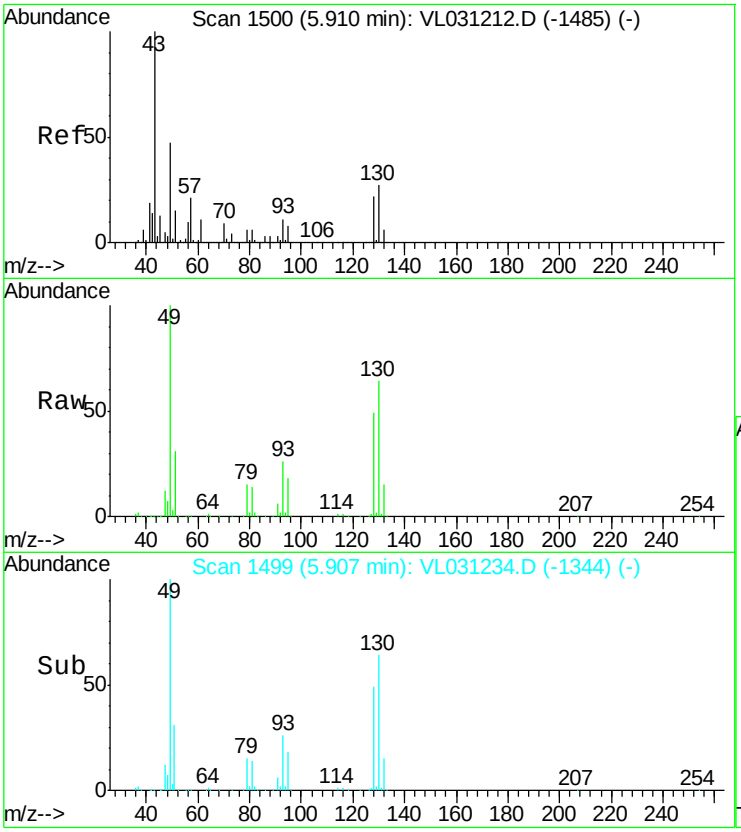
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL121317\
Data File : VL031234.D
Acq On : 14 Dec 2017 16:29
Operator : SY/AP
Sample : I6907-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 15 05:17:01 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



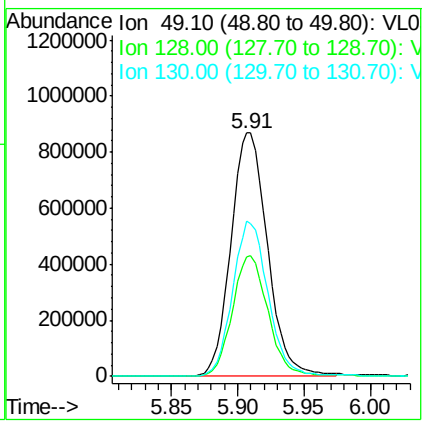


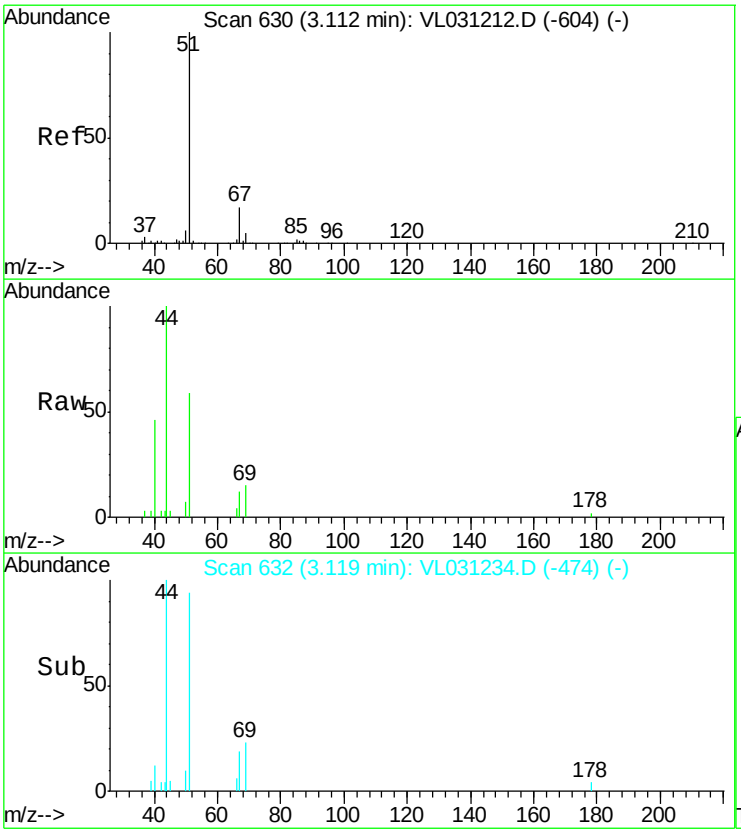
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1664273

Ion	Ratio	Lower	Upper
49	100		
128	49.2	23.2	69.5
130	63.1	29.6	88.8

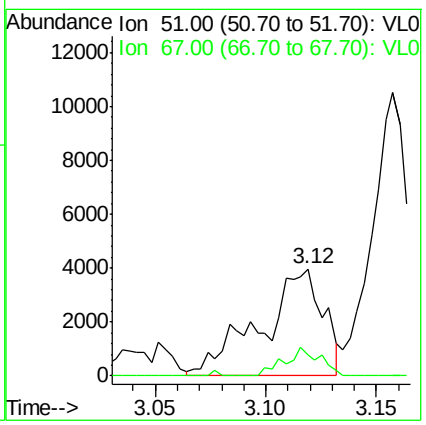


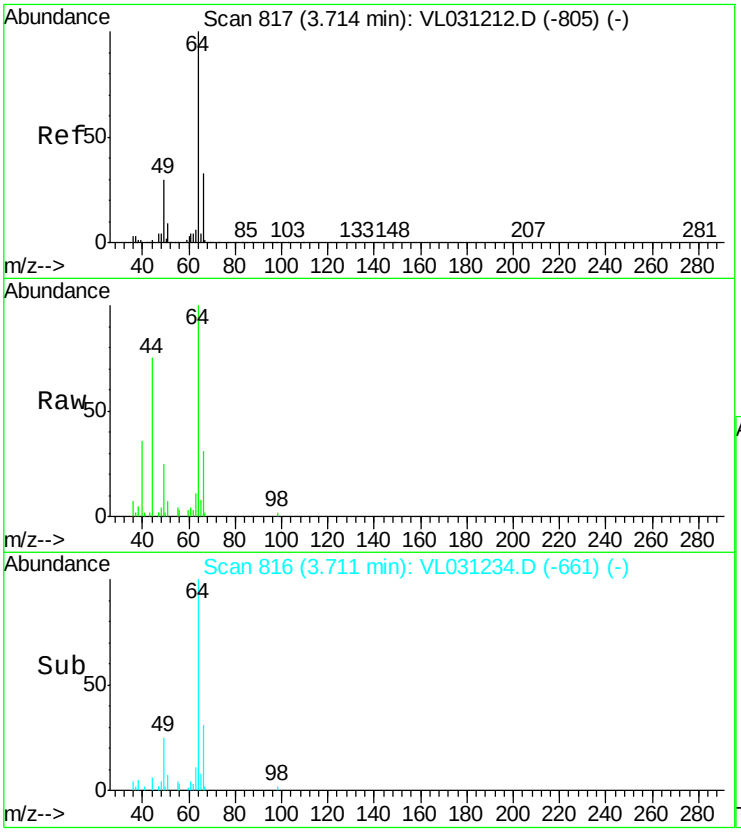


#3
Chlorodifluoromethane
Concen: 0.041 ppbv
RT: 3.12 min Scan# 632
Delta R.T. 0.01 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Tgt Ion: 51 Resp: 7763

Ion	Ratio	Lower	Upper
51	100		
67	15.1	13.8	20.6



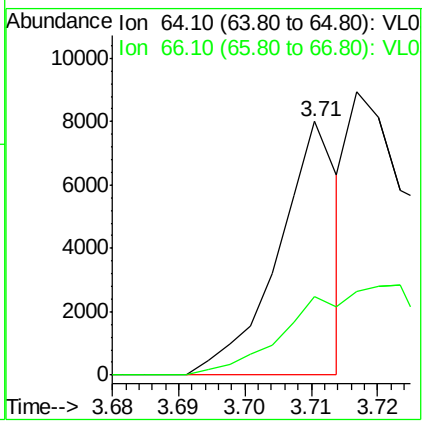


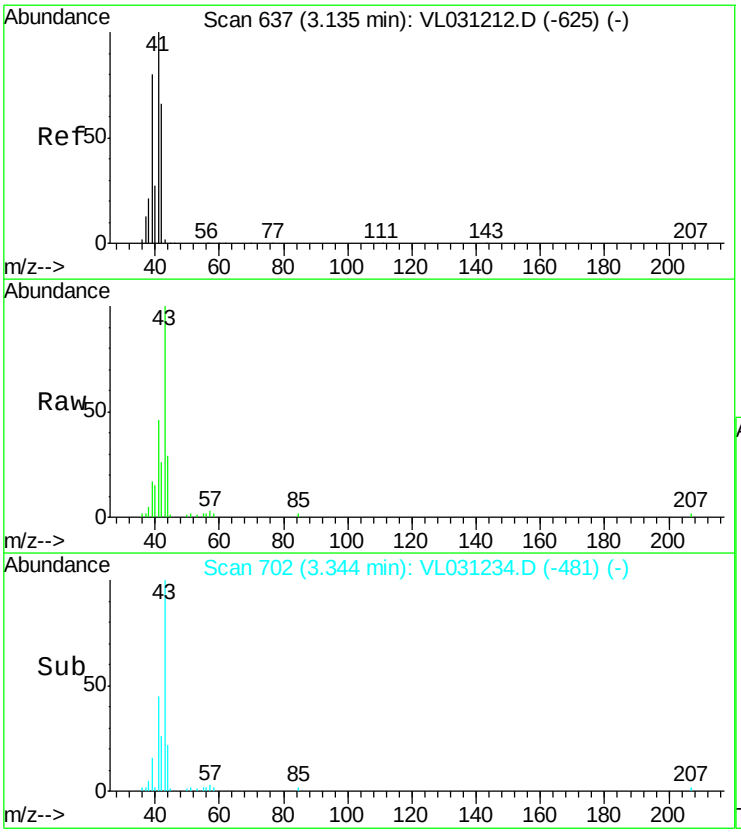
#7
Chloroethane
Concen: 0.129 ppbv
RT: 3.71 min Scan# 816
Delta R.T. -0.00 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 5063

Ion	Ratio	Lower	Upper
64	100		
66	30.9	26.2	39.2

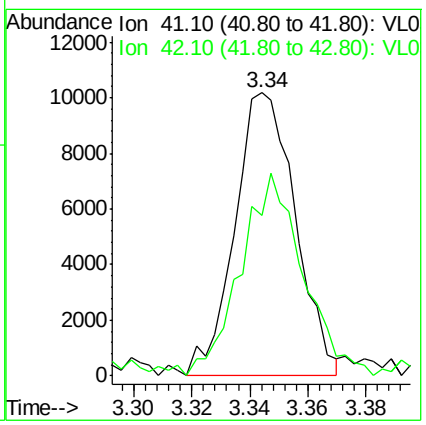


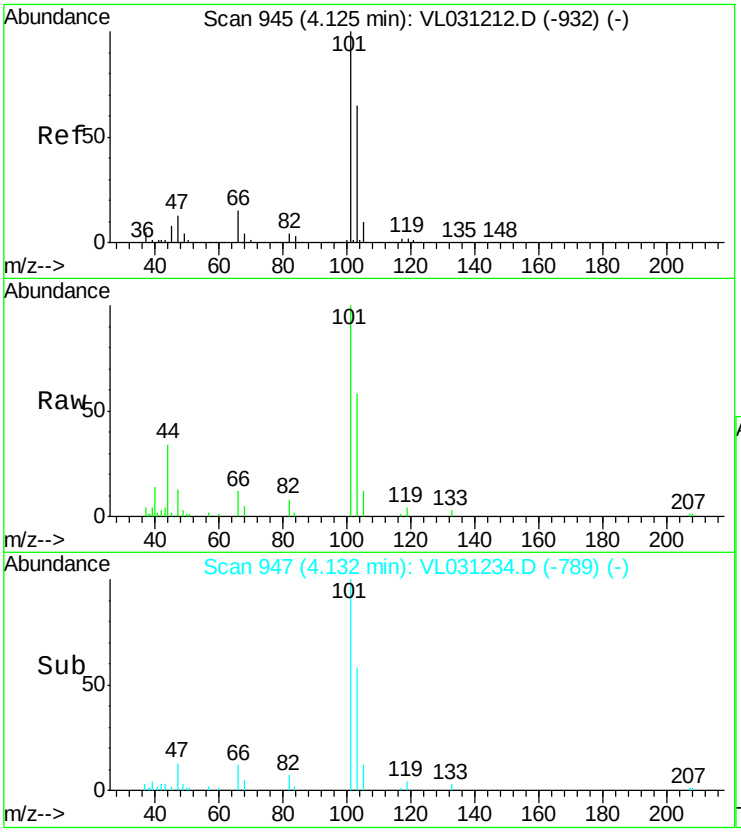


#9
Propene
Concen: 0.159 ppbv
RT: 3.34 min Scan# 702
Delta R.T. 0.21 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Tgt Ion: 41 Resp: 14741

Ion	Ratio	Lower	Upper
41	100		
42	77.8	54.3	81.5



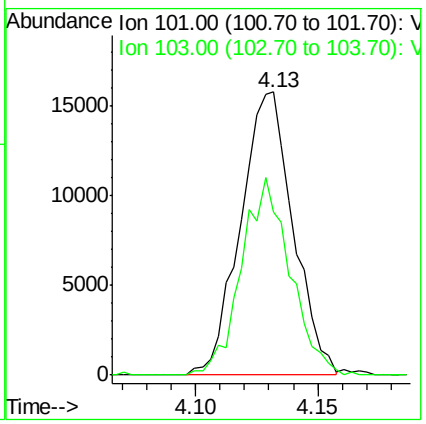


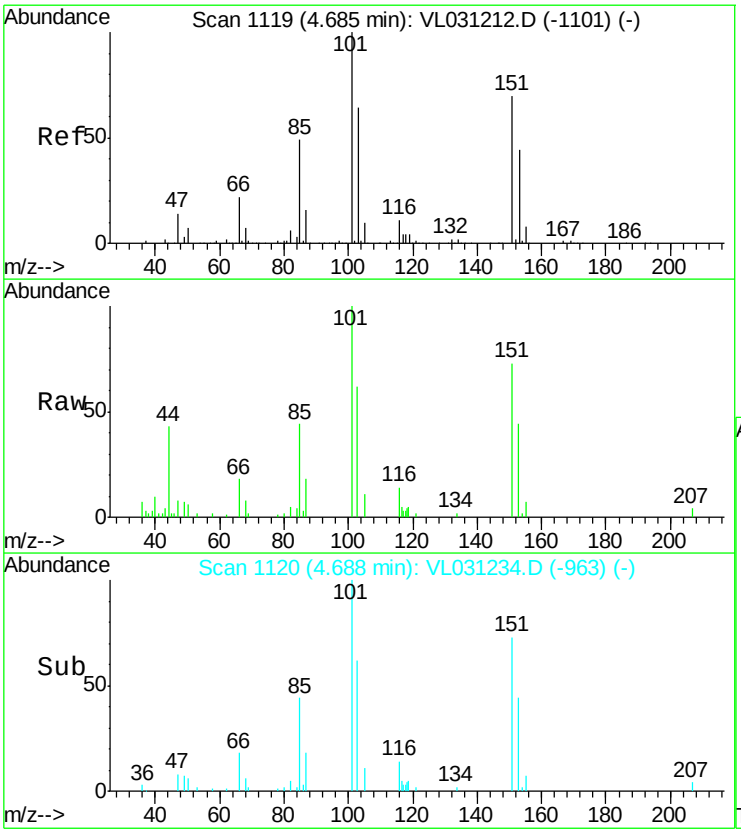
#11
Trichlorofluoromethane
Concen: 0.102 ppbv
RT: 4.13 min Scan# 947
Delta R.T. 0.01 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 23557

Ion	Ratio	Lower	Upper
101	100		
103	57.8	51.8	77.8

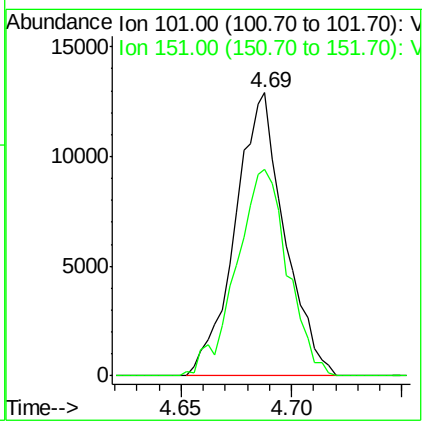


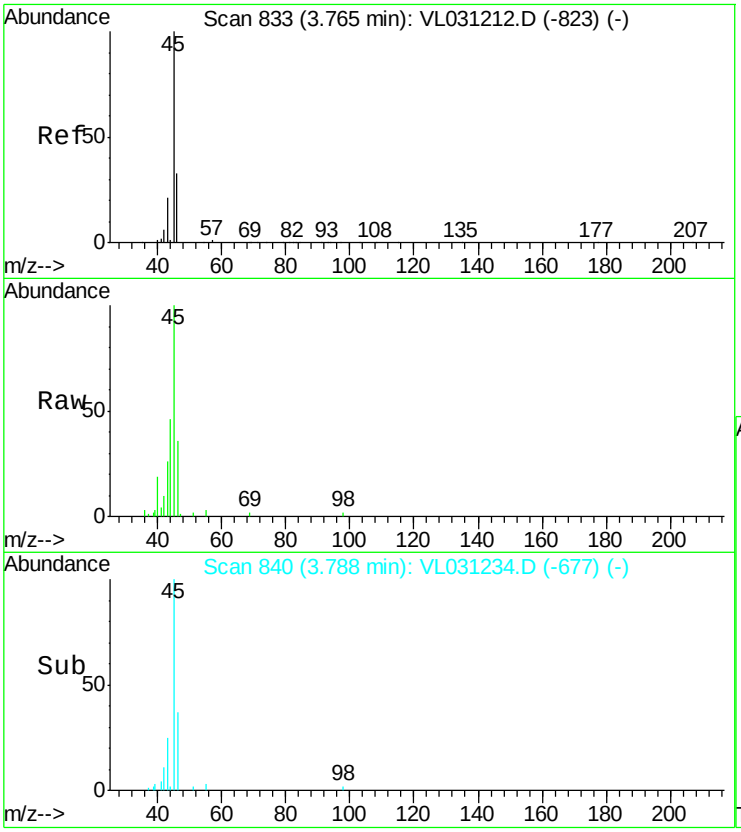


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.124 ppbv
RT: 4.69 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Tgt Ion:101 Resp: 20115

Ion	Ratio	Lower	Upper
101	100		
151	75.8	56.5	84.7



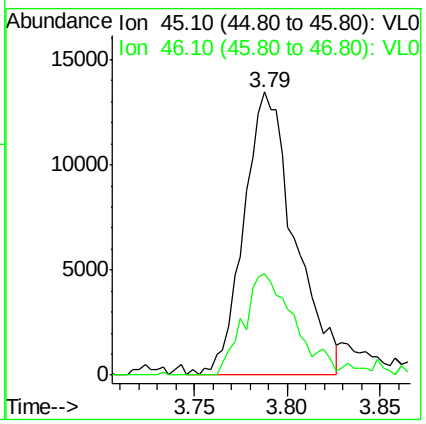


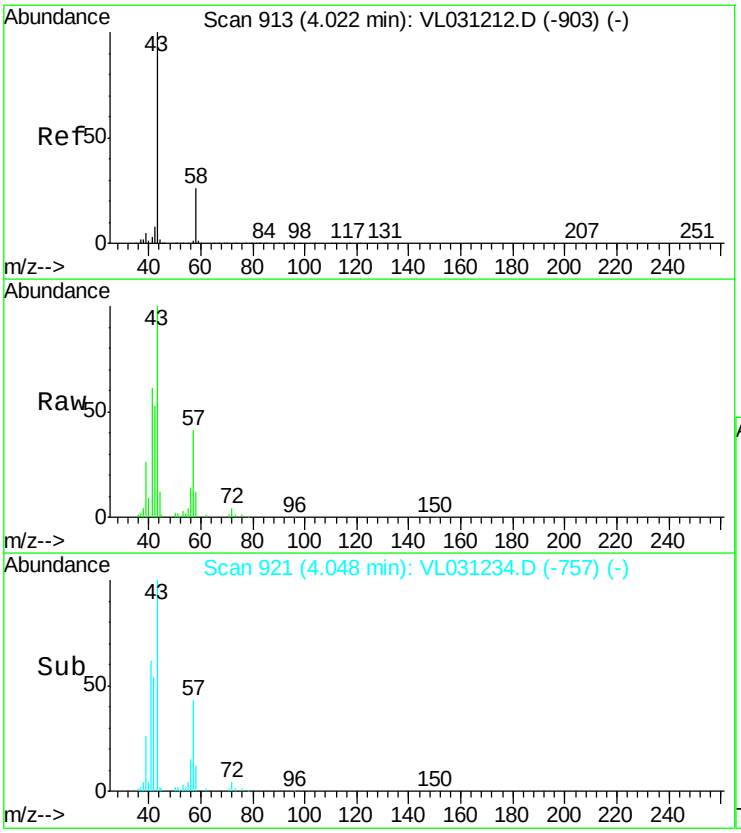
#13
Ethanol
Concen: 0.959 ppbv
RT: 3.79 min Scan# 840
Delta R.T. 0.02 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 25682

Ion	Ratio	Lower	Upper
45	100		
46	38.8	14.6	58.4

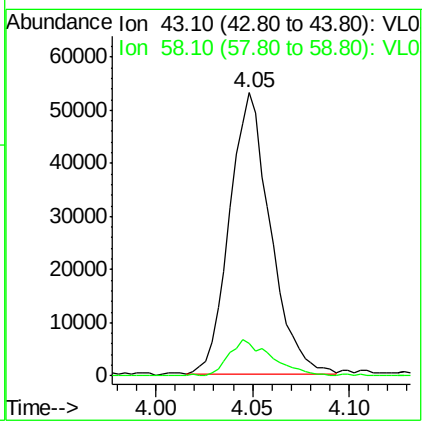


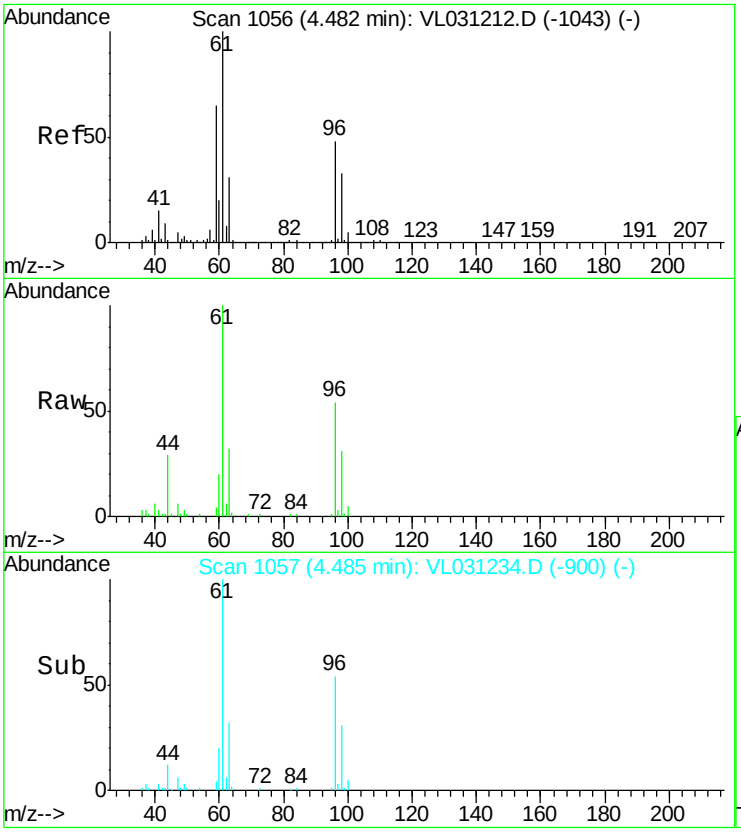


#15
Acetone
Concen: 0.351 ppbv
RT: 4.05 min Scan# 921
Delta R.T. 0.03 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Tgt Ion: 43 Resp: 77039

Ion	Ratio	Lower	Upper
43	100		
58	13.9	20.3	30.5#



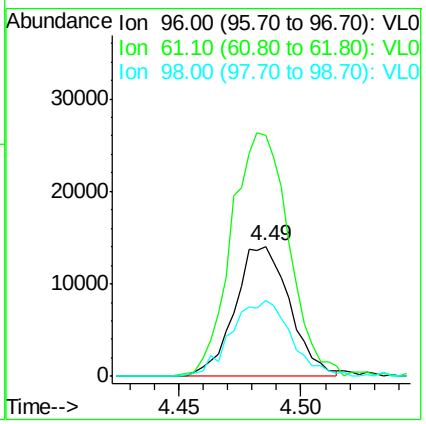


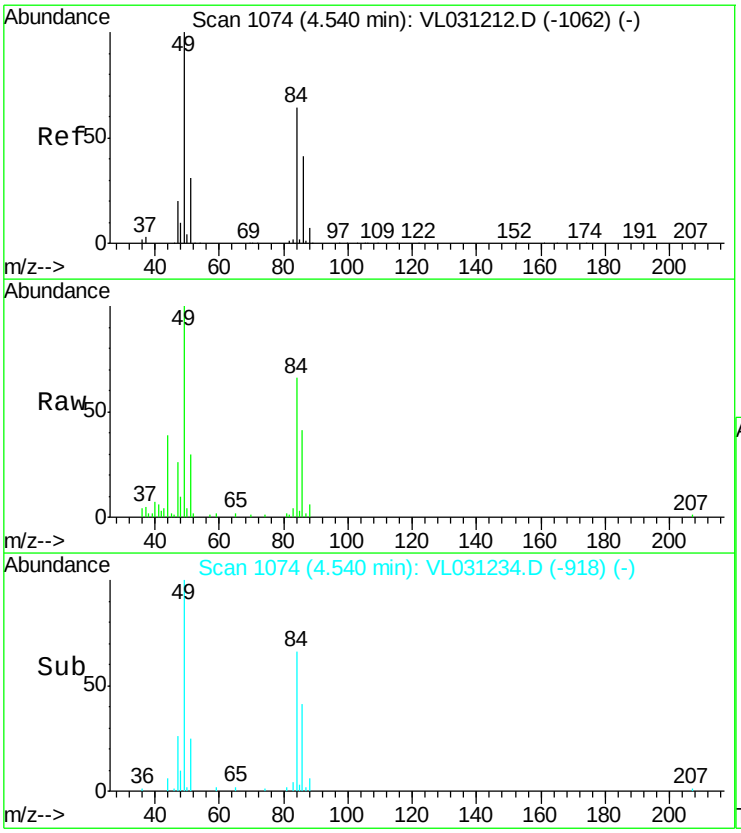
#18
1,1-Dichloroethene
Concen: 0.302 ppbv
RT: 4.49 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 21931

Ion	Ratio	Lower	Upper
96	100		
61	183.6	166.8	250.2
98	57.3	55.0	82.6

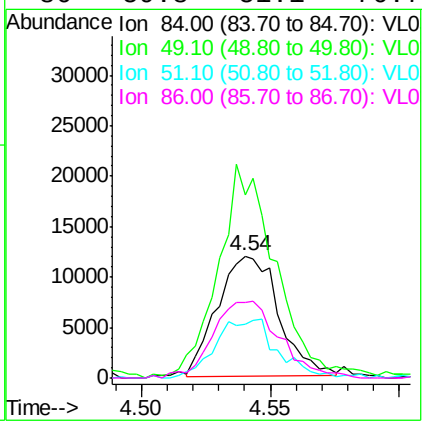


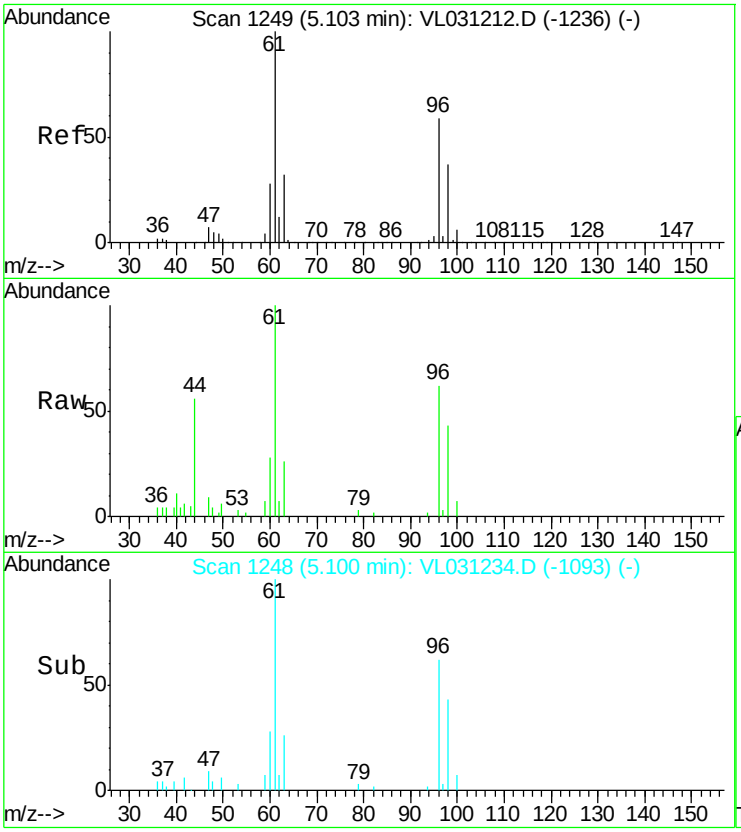


#20
Methylene Chloride
Concen: 0.271 ppbv
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Tgt Ion: 84 Resp: 19698

Ion	Ratio	Lower	Upper
84	100		
49	144.7	125.8	188.6
51	44.1	39.3	58.9
86	59.8	51.1	76.7



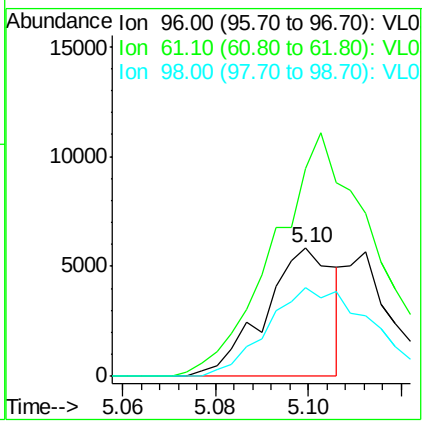


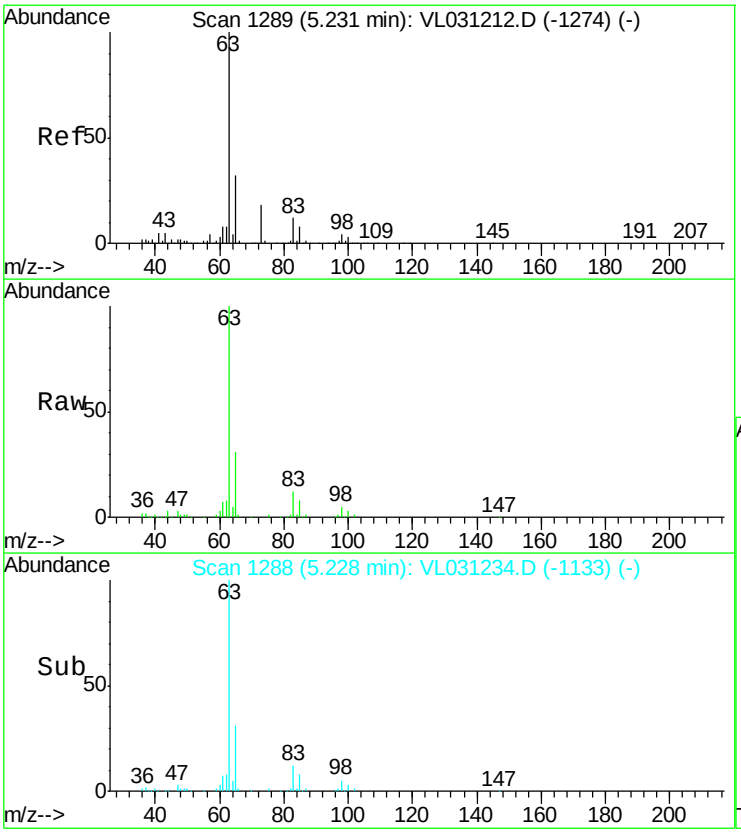
#22
trans-1,2-Dichloroethene
Concen: 0.068 ppbv
RT: 5.10 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 6098

Ion	Ratio	Lower	Upper
96	100		
61	157.4	135.0	202.4
98	69.2	50.5	75.7

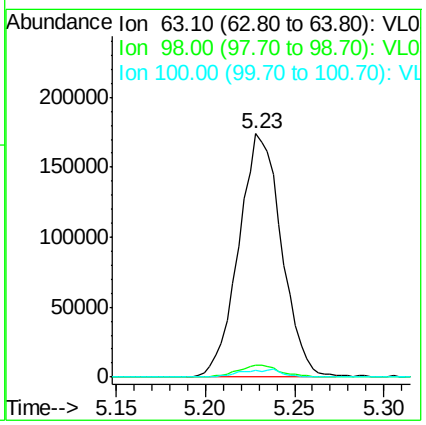


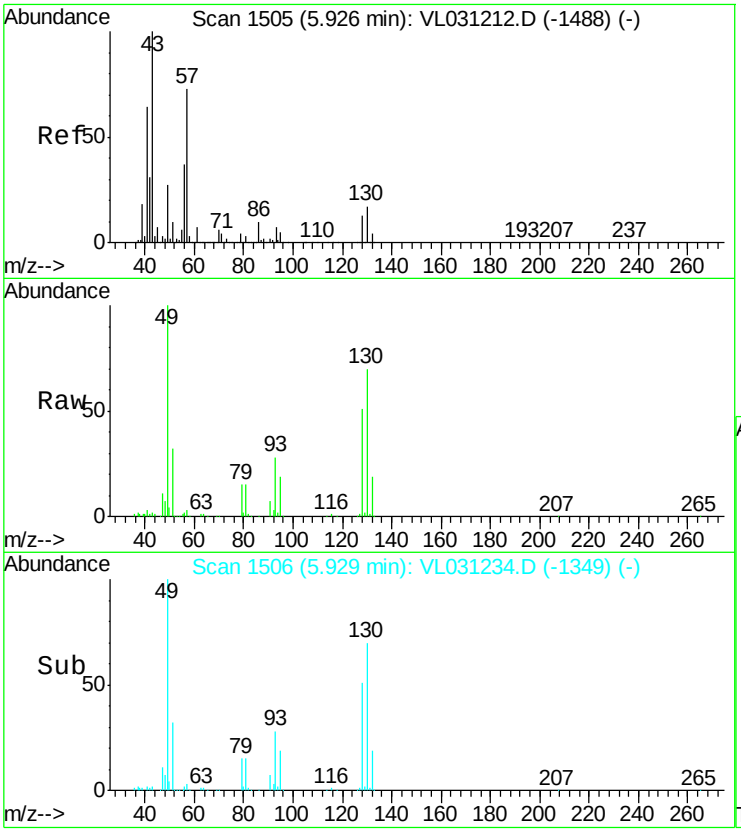


#24
1,1-Dichloroethane
Concen: 1.133 ppbv
RT: 5.23 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Tgt Ion: 63 Resp: 291188

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.3	6.8
100	2.9	1.4	4.2



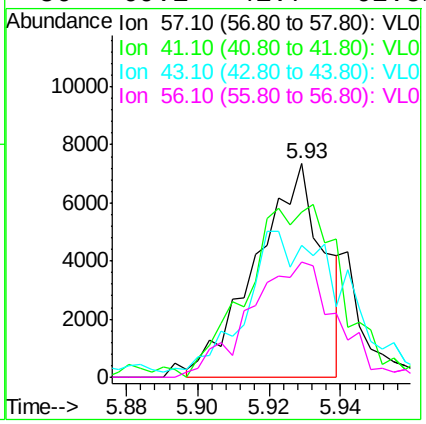


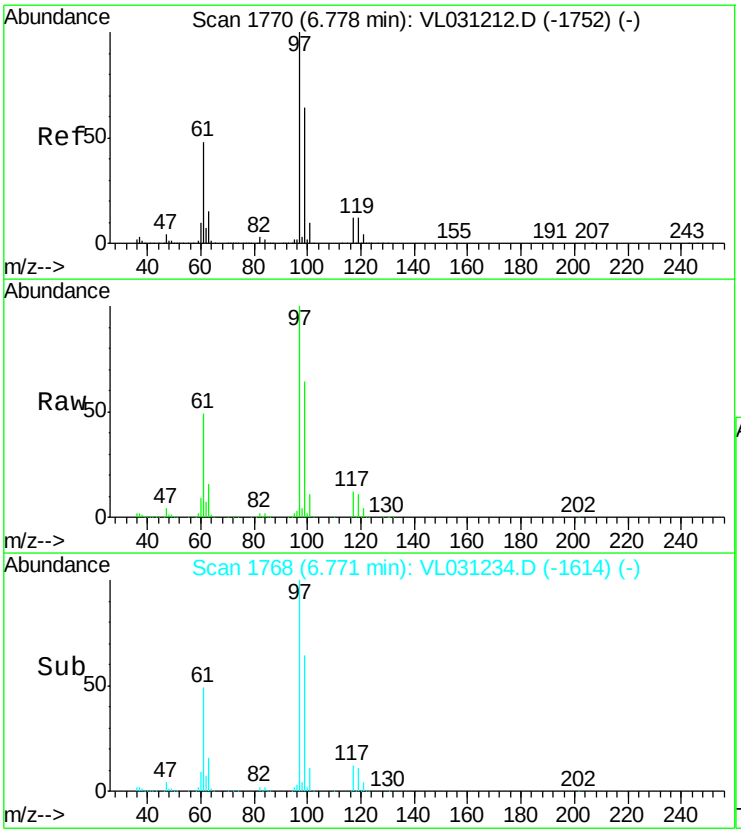
#26
Hexane
Concen: 0.045 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 9597

Ion	Ratio	Lower	Upper
57	100		
41	121.3	70.3	105.5#
43	103.4	173.8	260.8#
56	69.1	41.7	62.5#

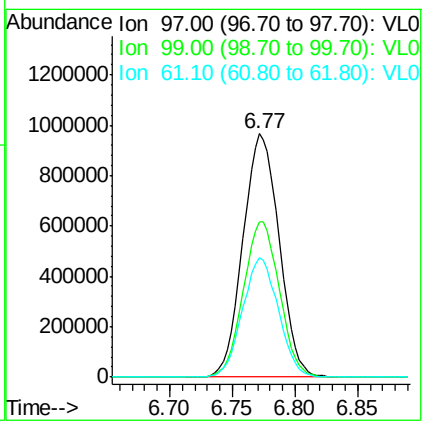


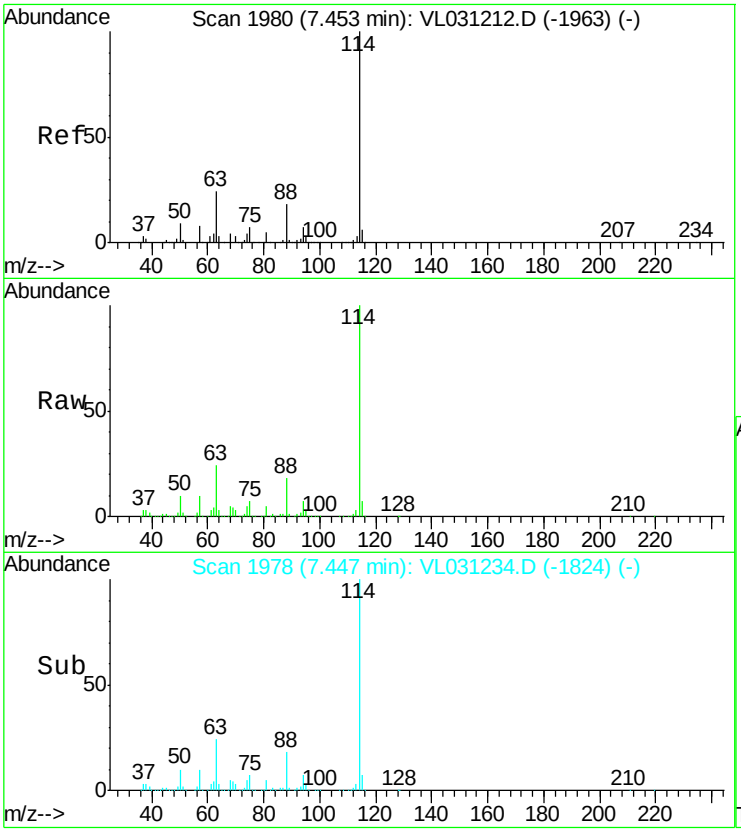


#32
1,1,1-Trichloroethane
Concen: 6.307 ppbv
RT: 6.77 min Scan# 1768
Delta R.T. -0.01 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Tgt Ion: 97 Resp: 1937665

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	48.7	38.4	57.6



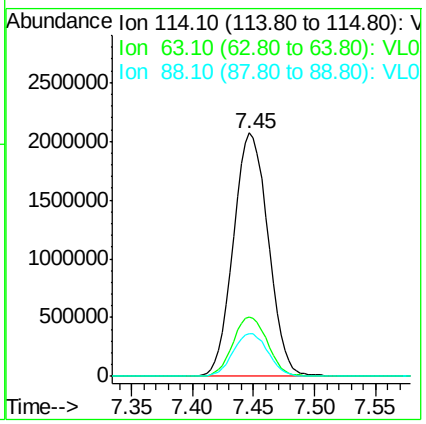


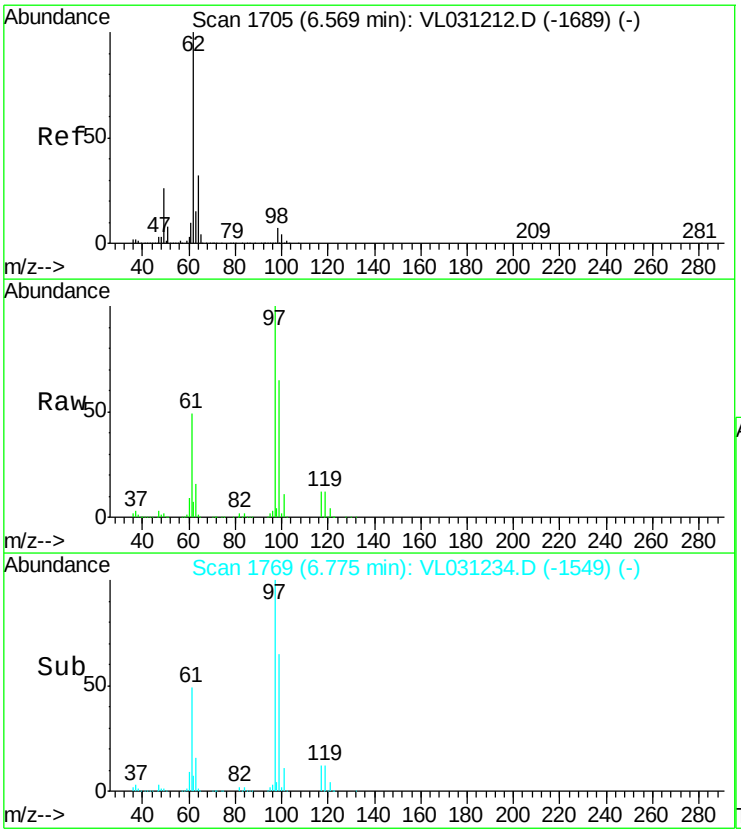
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.45 min Scan# 1978
Delta R.T. -0.01 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 4096959

Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.8	29.8
88	17.7	14.2	21.4

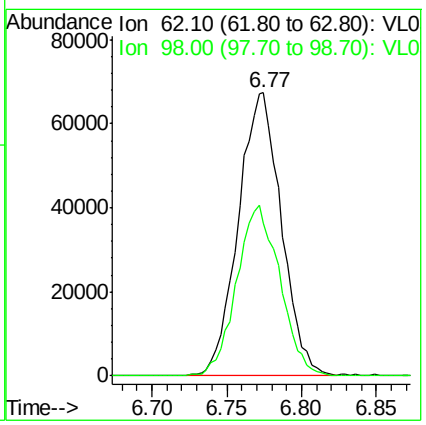


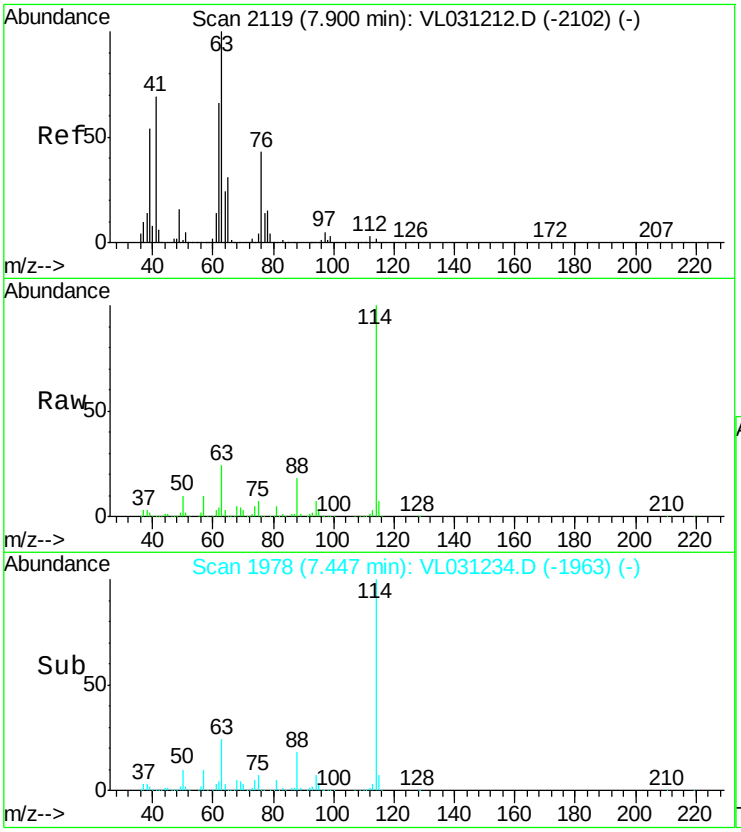


#37
1,2-Dichloroethane
Concen: 0.563 ppbv
RT: 6.77 min Scan# 1769
Delta R.T. 0.21 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Tgt Ion: 62 Resp: 134947

Ion	Ratio	Lower	Upper
62	100		
98	60.5	5.4	8.2#



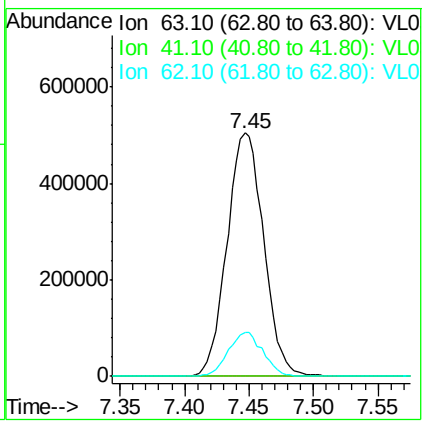


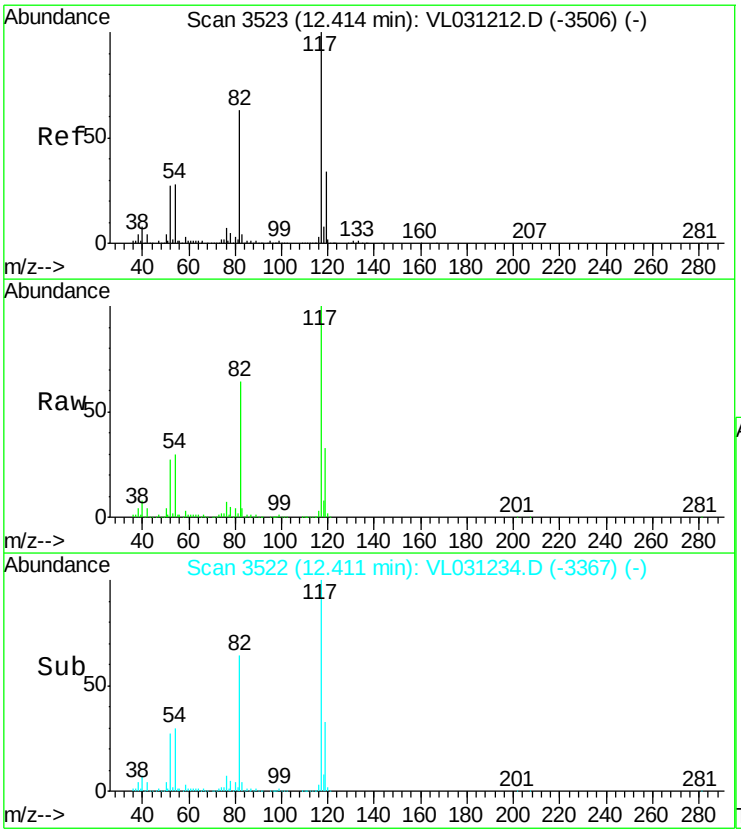
#39
1,2-Dichloropropane
Concen: 6.489 ppbv
RT: 7.45 min Scan# 1978
Delta R.T. -0.45 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 996228

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.2	82.8#
62	18.0	53.0	79.4#

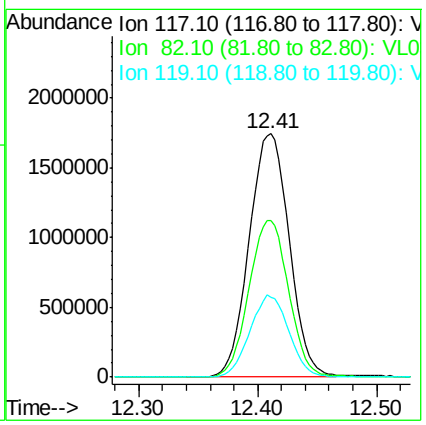


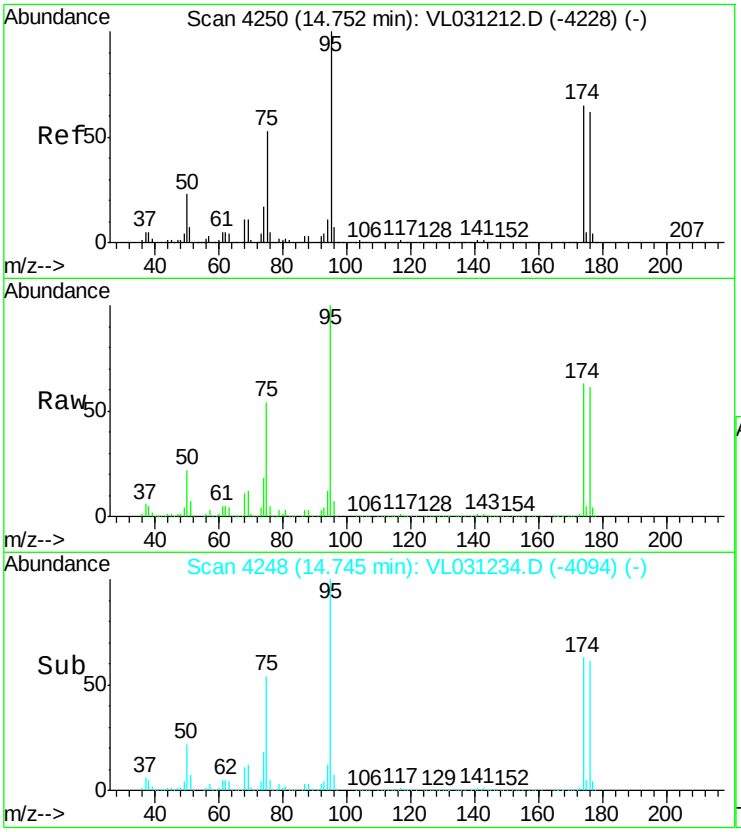


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.41 min Scan# 3522
Delta R.T. -0.00 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Tgt Ion:117 Resp: 4068686

Ion	Ratio	Lower	Upper
117	100		
82	64.2	48.1	72.1
119	33.2	23.1	34.7





#68
1-Bromo-4-Fluorobenzene
Concen: 10.737 ppbv
RT: 14.75 min Scan# 4248
Delta R.T. -0.01 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 3107472

Ion	Ratio	Lower	Upper
95	100		
174	63.1	52.5	78.7
175	4.8	4.1	6.1