Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL100915\
Data File : VL026180.D
Acq On : 9 Oct 2015 17:33
Operator : SY/MD
Sample : VL1009ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 10 00:12:42 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 09 16:23:14 2015
QLast Update : Fri Oct 09 16:23:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.67	49	905265	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	8.35	114	2387384	10.00	ppbv		0.01
55) Chlorobenzene-d5	13.77	117	2807421	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.32	95	2180321	10.12	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.58	51	7662	0.07	ppbv		96
9) Propene	3.62	41	3076	0.06	ppbv	#	73
13) Ethanol	4.39	45	845	0.12	ppbv	#	31
15) Acetone	4.65	43	50019	0.43	ppbv	#	17
16) 1,3-Butadiene	3.96	39	4854	0.09	ppbv	#	7
19) Isopropyl Alcohol	4.82	45	1736	0.04	ppbv	#	1
20) Methylene Chloride	5.17	84	3823	0.08	ppbv		90
23) Vinyl Acetate	6.02	43	6263	0.03	ppbv	#	84
34) 2-Butanone	6.26	43	11738	0.09	ppbv		93
44) 2,2,4-Trimethylpentane	8.71	57	57050	0.15	ppbv	#	1
51) 2-Hexanone	11.94	43	128948	0.82	ppbv	#	48
65) tert-Butylbenzene	18.93	119	143966	0.36	ppbv	#	25
66) Benzyl Chloride	18.94	91	3792	0.03	ppbv	#	1

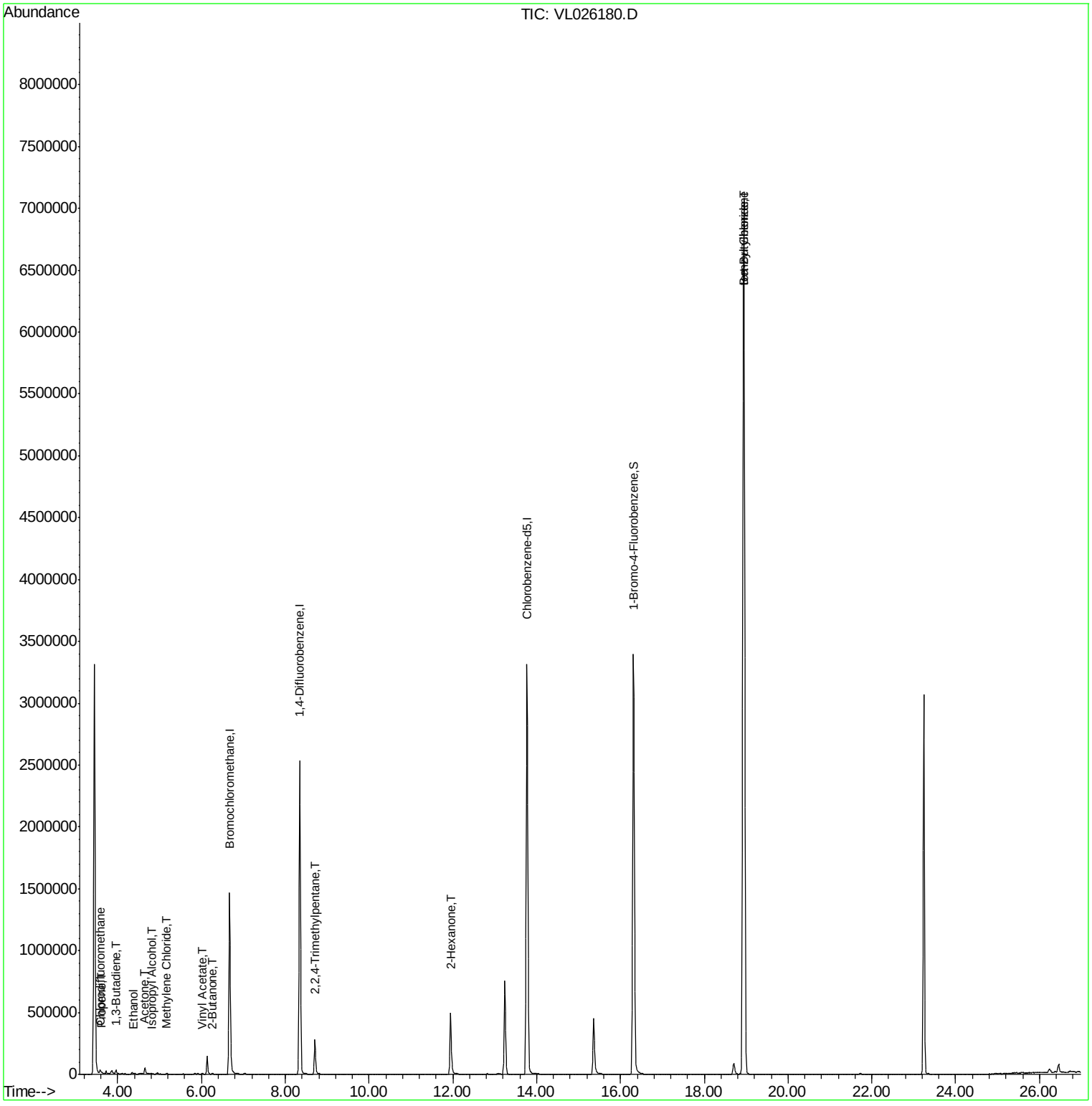
(#) = qualifier out of range (m) = manual integration (+) = signals summed

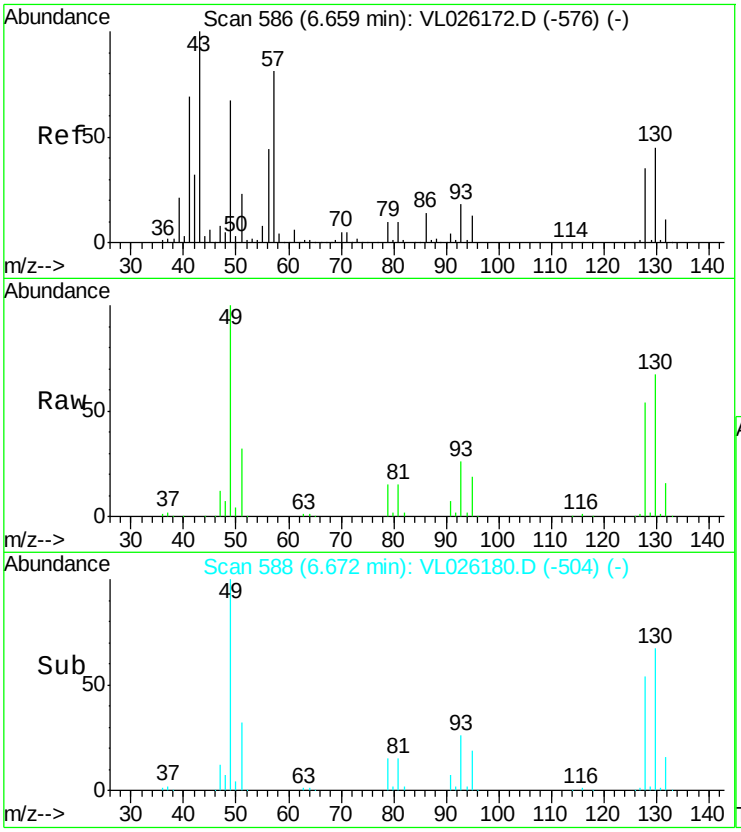
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL100915\
Data File : VL026180.D
Acq On : 9 Oct 2015 17:33
Operator : SY/MD
Sample : VL1009ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 10 00:12:42 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 09 16:23:14 2015
QLast Update : Fri Oct 09 16:23:14 2015
Response via : Initial Calibration



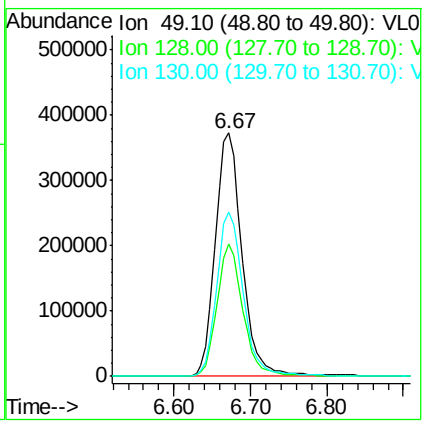


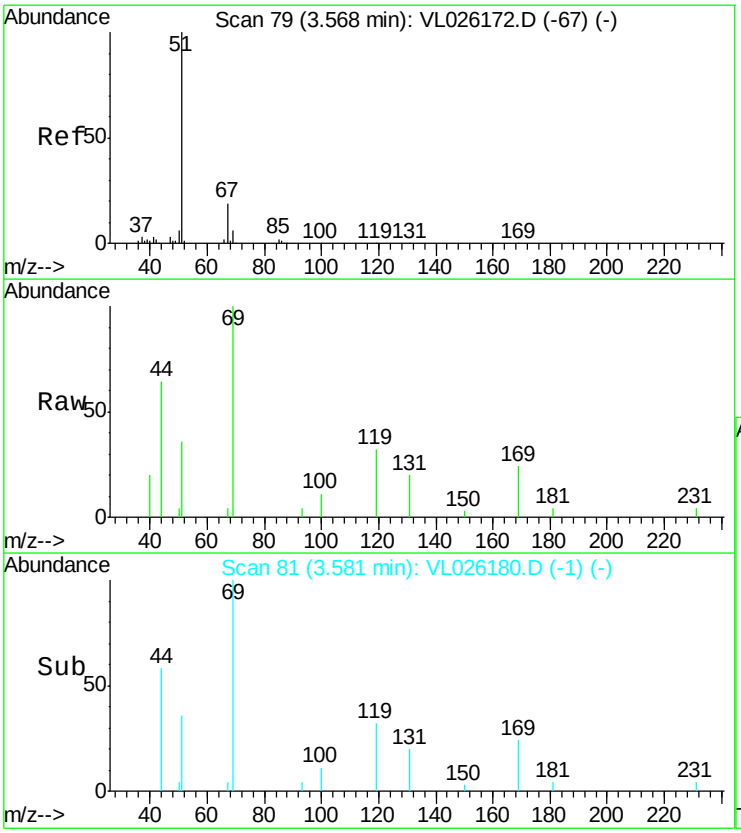
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.67 min Scan# 588
Delta R.T. 0.01 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 905265

Ion	Ratio	Lower	Upper
49	100		
128	53.2	26.3	78.8
130	67.5	34.2	102.5

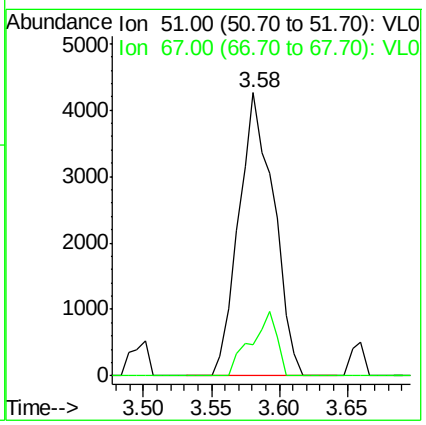


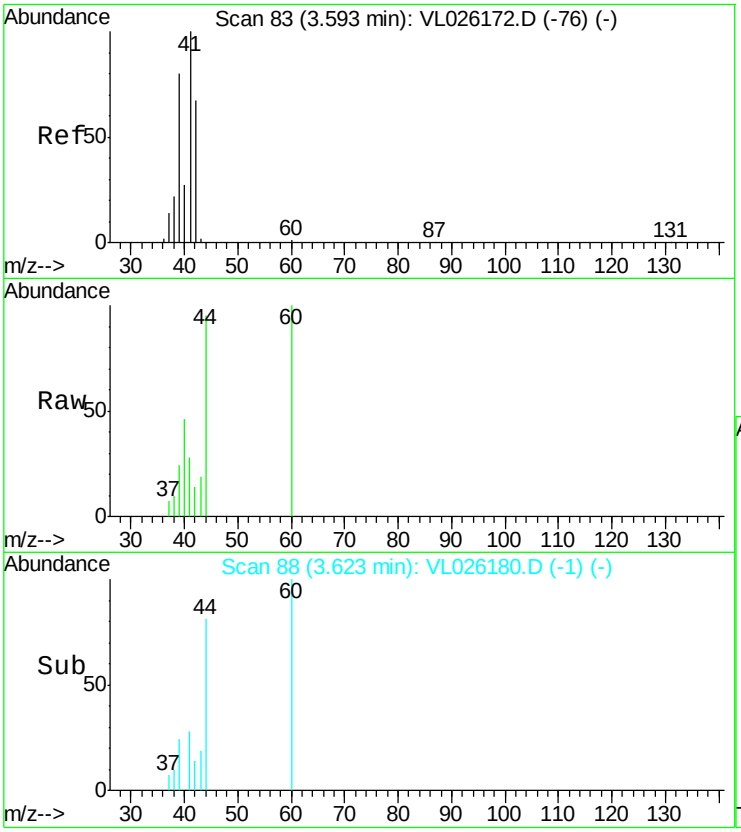


#3
Chlorodifluoromethane
Concen: 0.07 ppbv
RT: 3.58 min Scan# 81
Delta R.T. 0.01 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Tgt Ion: 51 Resp: 7662

Ion	Ratio	Lower	Upper
51	100		
67	16.8	14.9	22.3



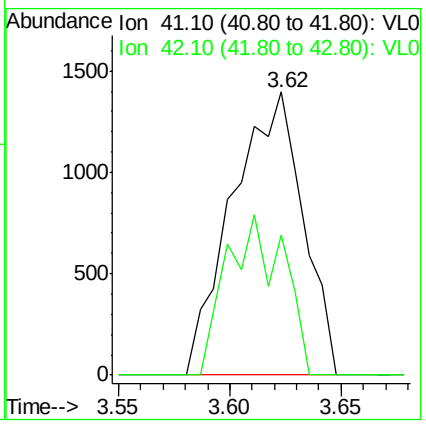


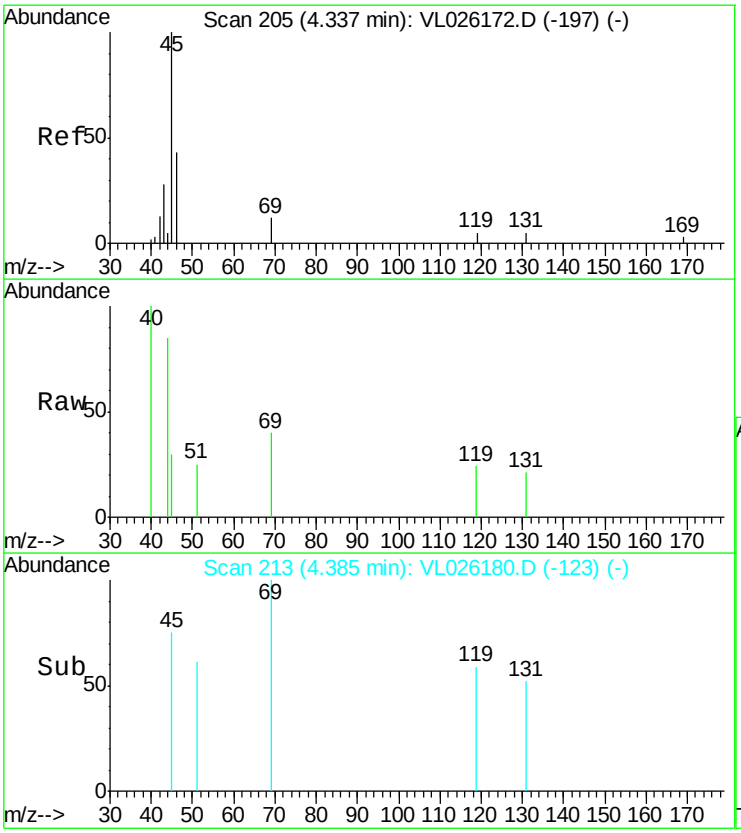
#9
Propene
Concen: 0.06 ppbv
RT: 3.62 min Scan# 88
Delta R.T. 0.03 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 3076

Ion	Ratio	Lower	Upper
41	100		
42	45.3	53.6	80.4#

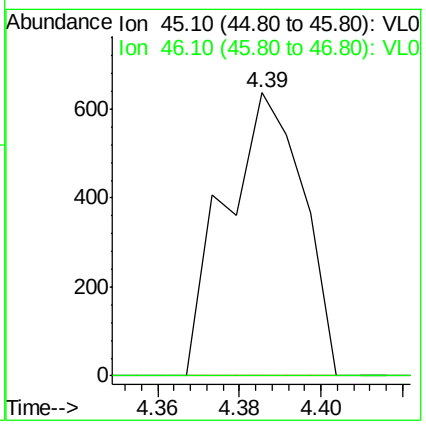


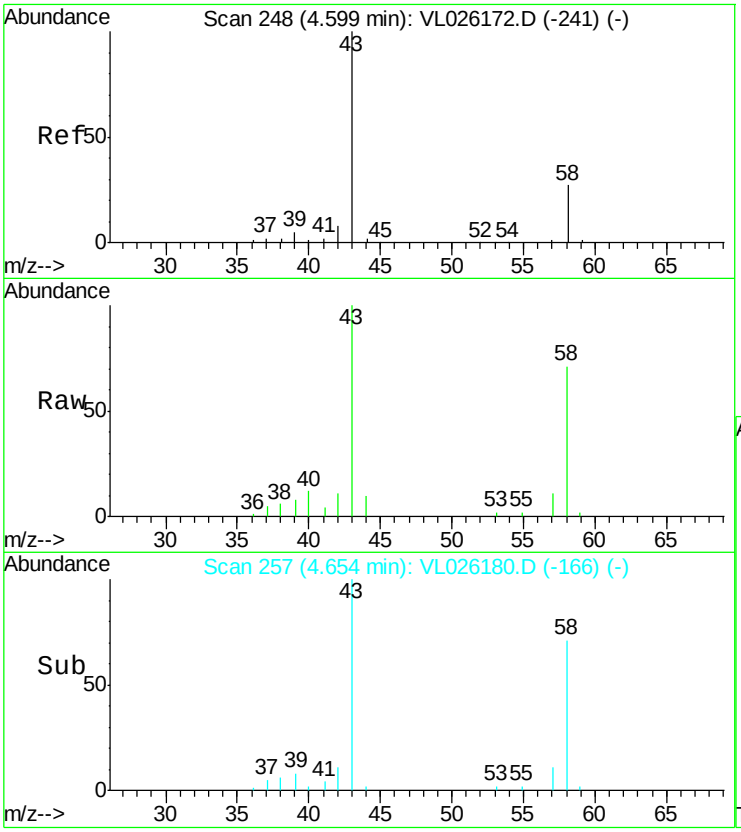


#13
Ethanol
Concen: 0.12 ppbv
RT: 4.39 min Scan# 213
Delta R.T. 0.05 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Tgt Ion: 45 Resp: 845

Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.1	72.5#



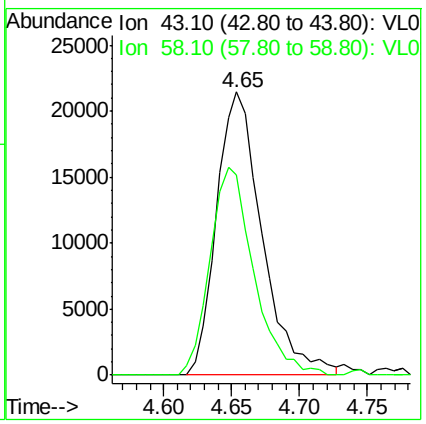


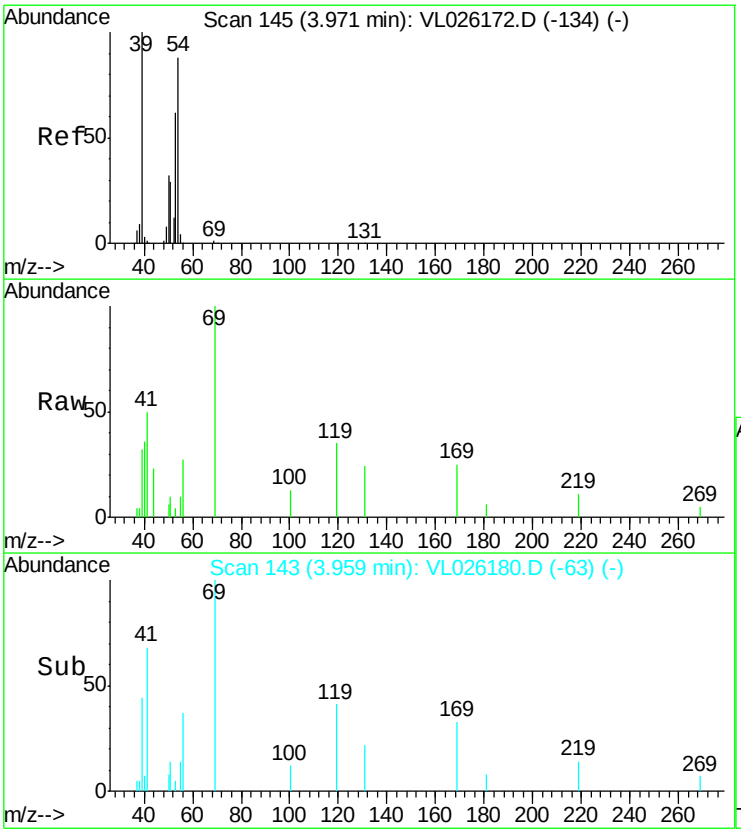
#15
Acetone
Concen: 0.43 ppbv
RT: 4.65 min Scan# 257
Delta R.T. 0.05 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 50019

Ion	Ratio	Lower	Upper
43	100		
58	71.0	22.0	33.0#

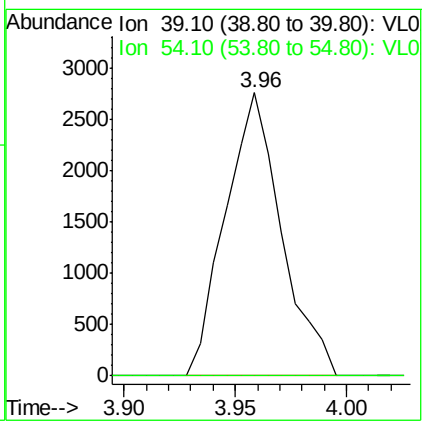


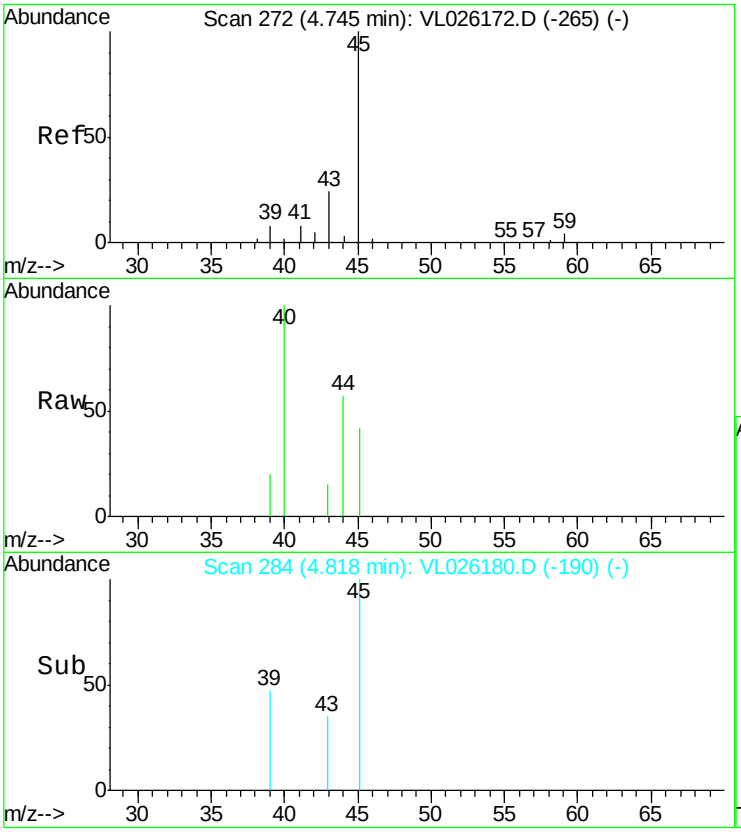


#16
1,3-Butadiene
Concen: 0.09 ppbv
RT: 3.96 min Scan# 143
Delta R.T. -0.01 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Tgt Ion: 39 Resp: 4854

Ion	Ratio	Lower	Upper
39	100		
54	0.0	67.9	101.9#



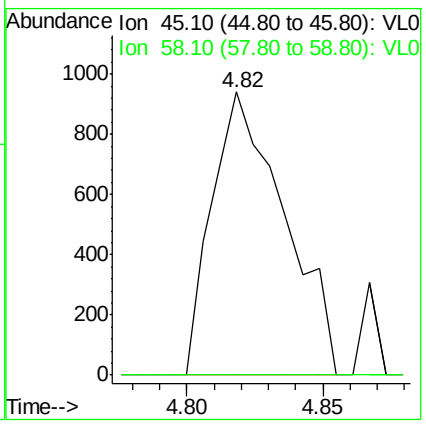


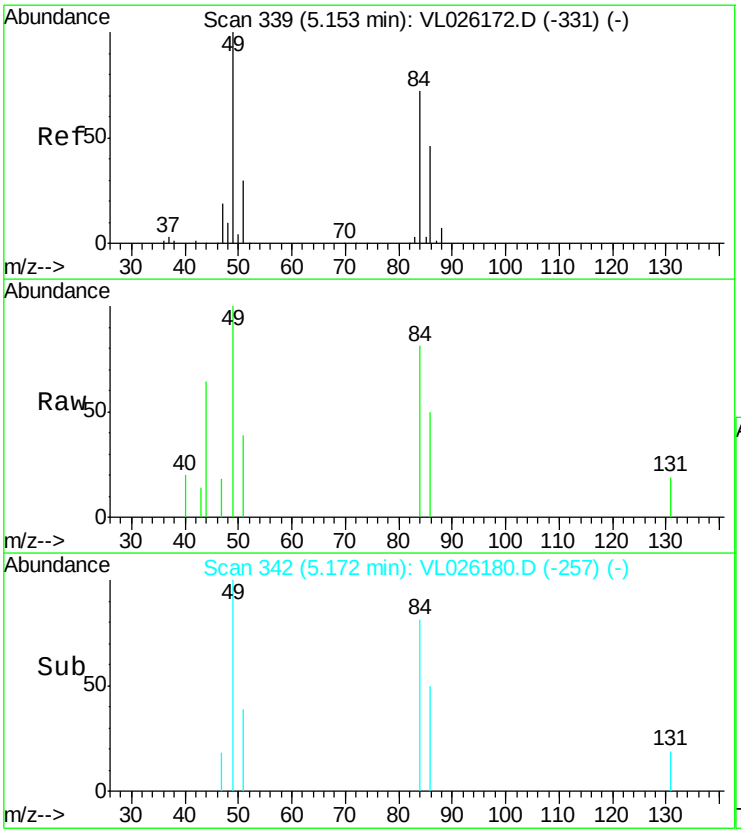
#19
Isopropyl Alcohol
Concen: 0.04 ppbv
RT: 4.82 min Scan# 284
Delta R.T. 0.07 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 1736

Ion	Ratio	Lower	Upper
45	100		
58	2045.7	1.7	2.5#

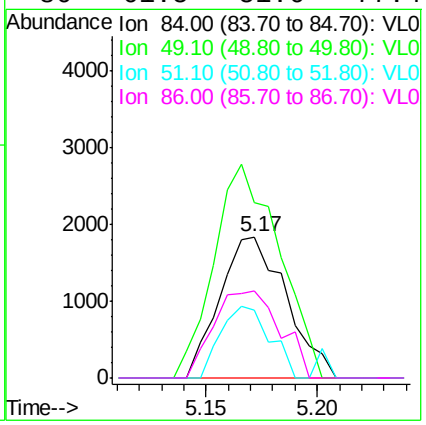


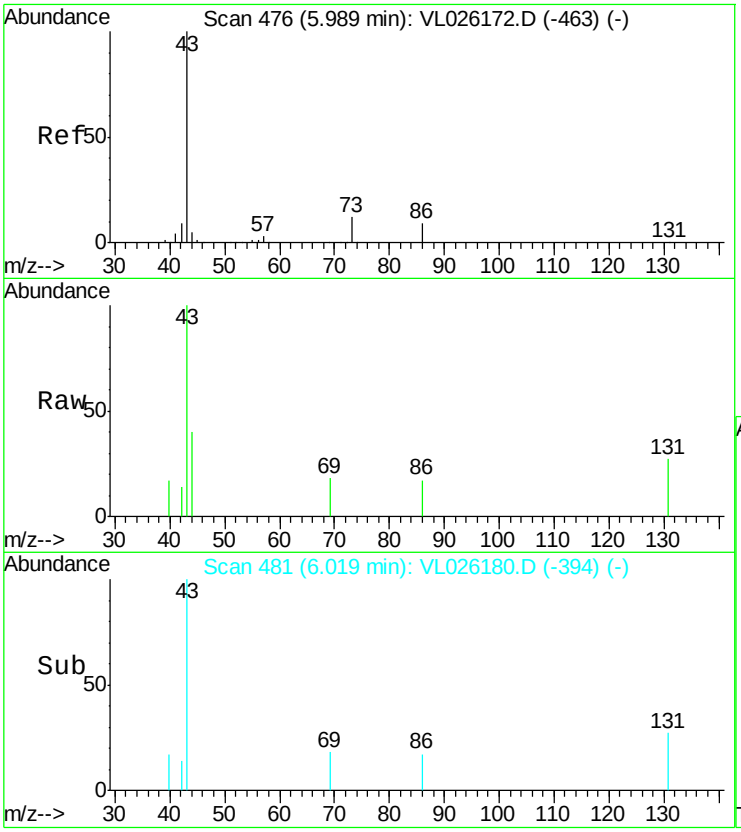


#20
Methylene Chloride
Concen: 0.08 ppbv
RT: 5.17 min Scan# 342
Delta R.T. 0.02 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Tgt Ion: 84 Resp: 3823

Ion	Ratio	Lower	Upper
84	100		
49	123.8	111.3	166.9
51	48.4	33.0	49.6
86	61.5	51.6	77.4



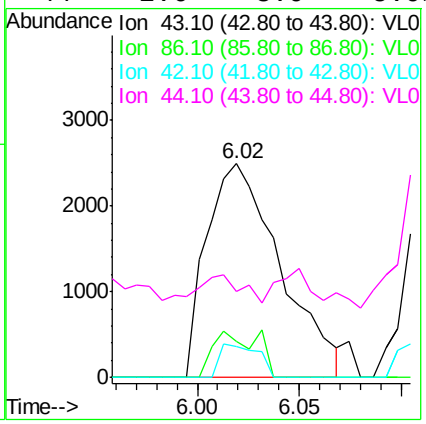


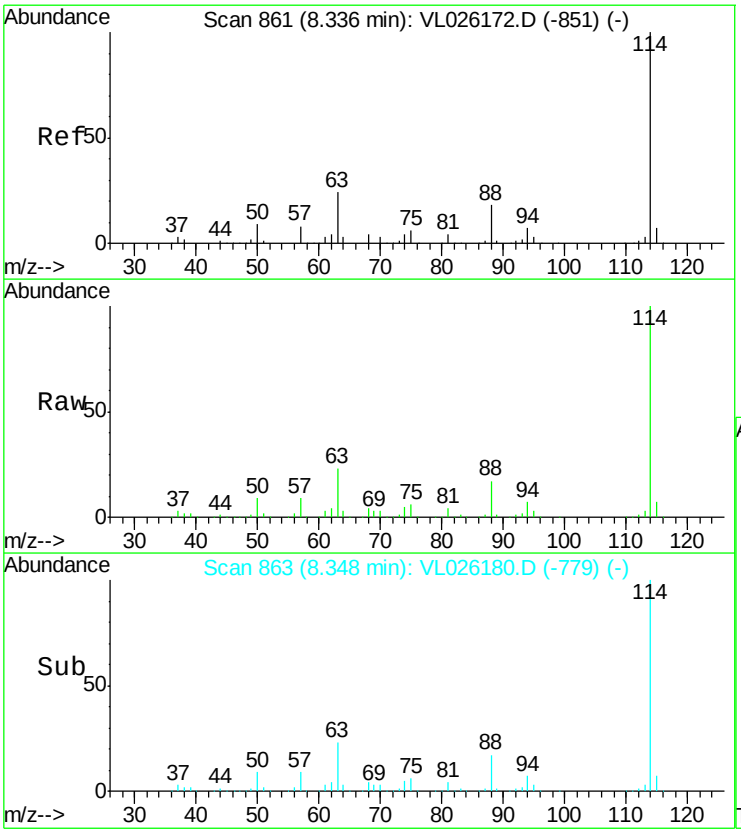
#23
Vinyl Acetate
Concen: 0.03 ppbv
RT: 6.02 min Scan# 481
Delta R.T. 0.03 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 6263

Ion	Ratio	Lower	Upper
43	100		
86	16.9	7.2	10.8#
42	14.4	7.4	11.2#
44	2.6	3.9	5.9#

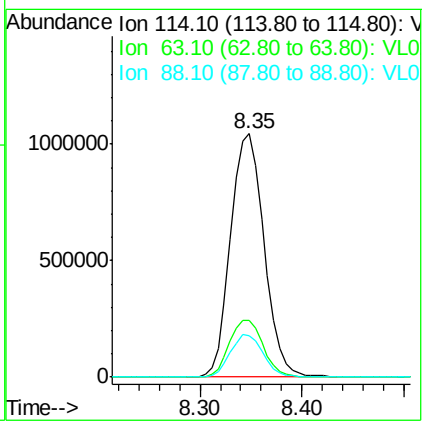


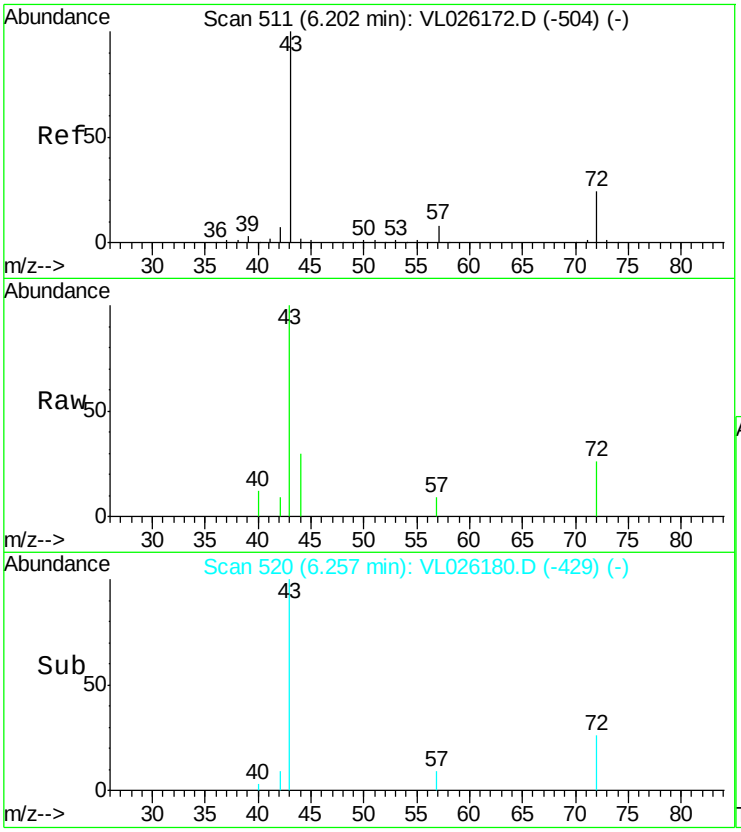


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.35 min Scan# 863
Delta R.T. 0.01 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Tgt Ion:114 Resp: 2387384

Ion	Ratio	Lower	Upper
114	100		
63	23.6	19.0	28.6
88	17.2	13.8	20.8



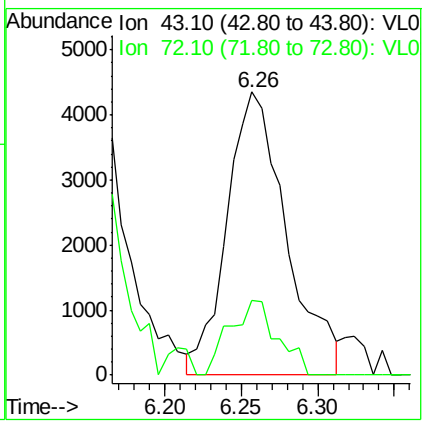


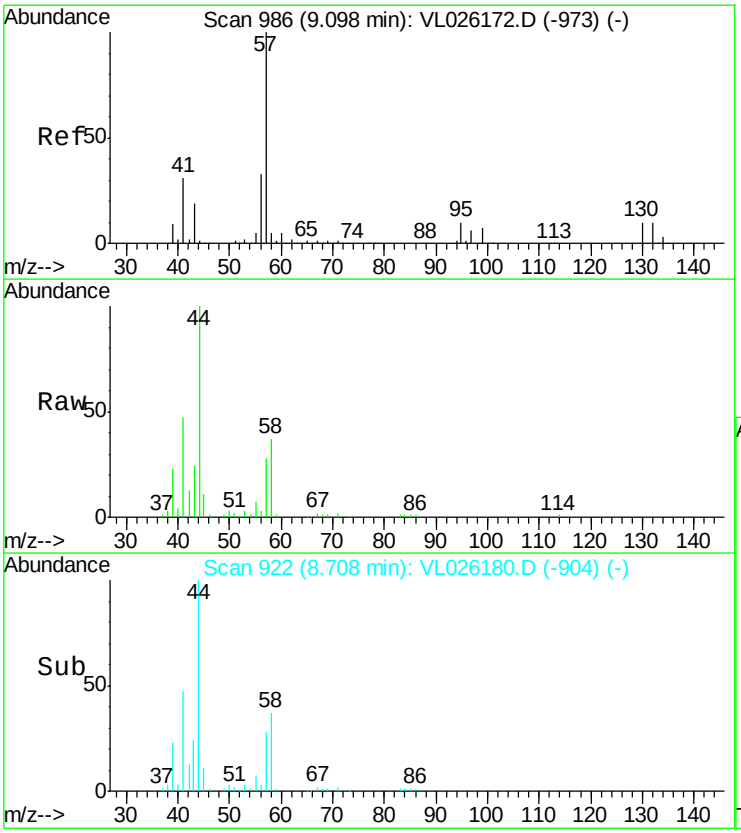
#34
2-Butanone
Concen: 0.09 ppbv
RT: 6.26 min Scan# 520
Delta R.T. 0.05 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 11738

Ion	Ratio	Lower	Upper
43	100		
72	21.1	19.6	29.4

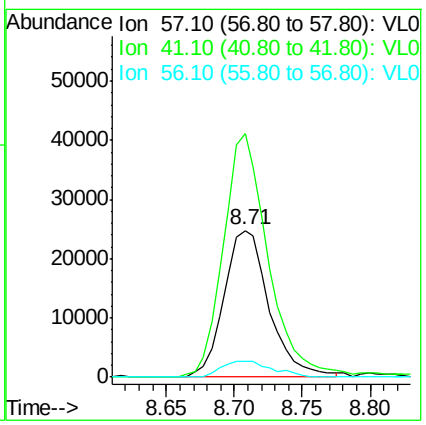


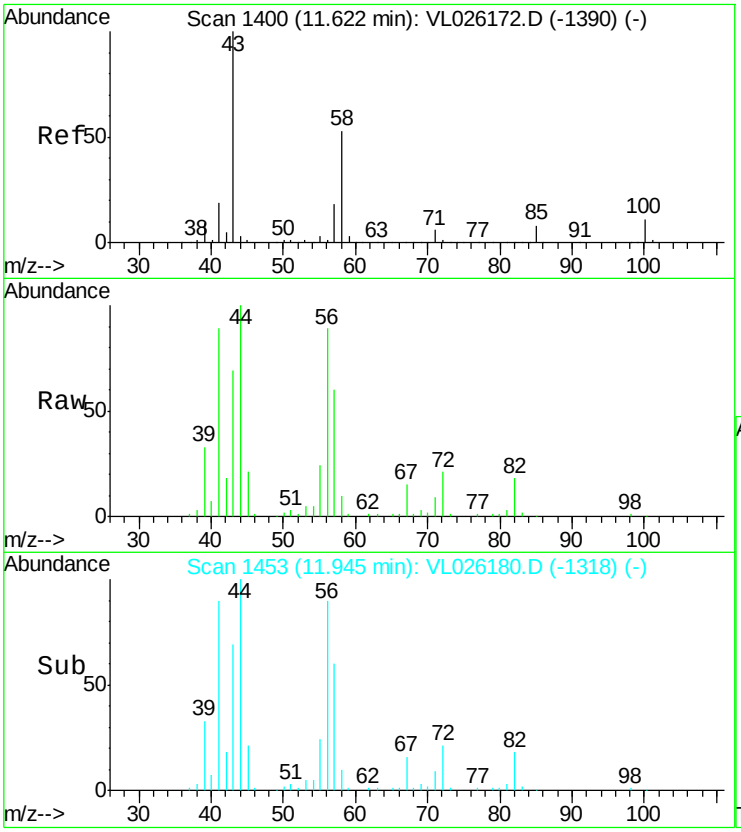


#44
2,2,4-Trimethylpentane
Concen: 0.15 ppbv
RT: 8.71 min Scan# 922
Delta R.T. -0.39 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Tgt Ion: 57 Resp: 57050

Ion	Ratio	Lower	Upper
57	100		
41	168.6	23.7	35.5#
56	12.2	26.4	39.6#



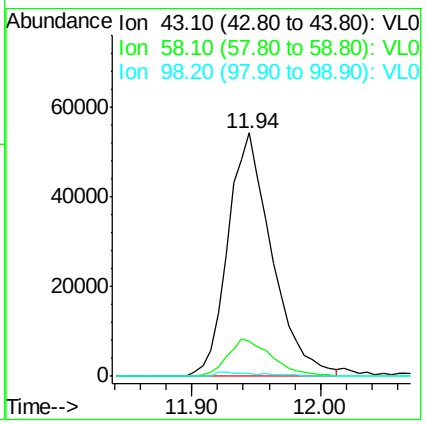


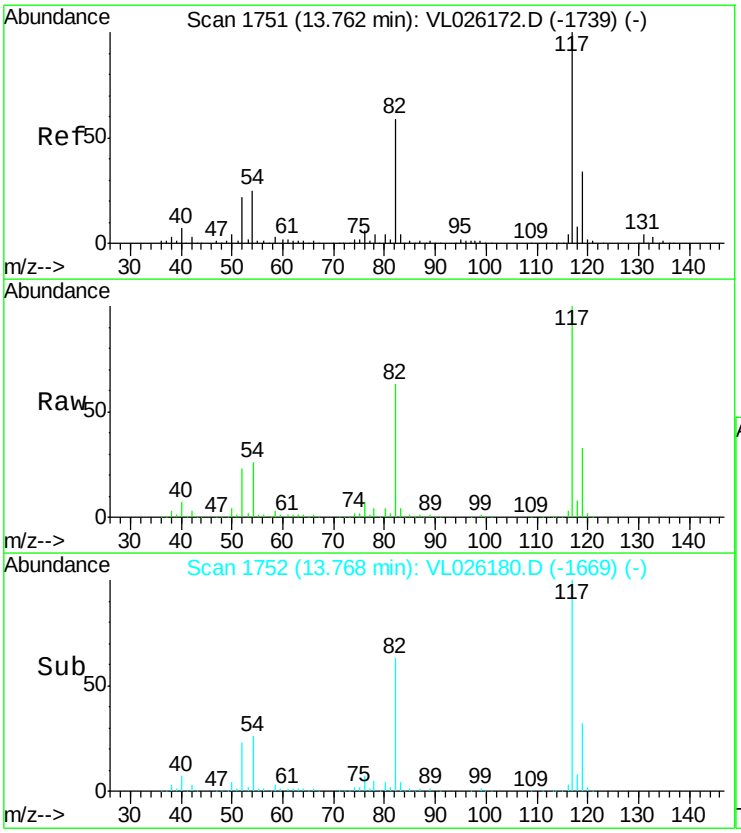
#51
2-Hexanone
Concen: 0.82 ppbv
RT: 11.94 min Scan# 1453
Delta R.T. 0.32 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 128948

Ion	Ratio	Lower	Upper
43	100		
58	15.7	42.2	63.4#
98	1.8	0.2	0.2#

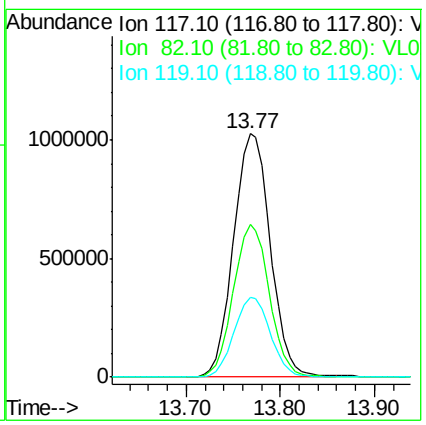


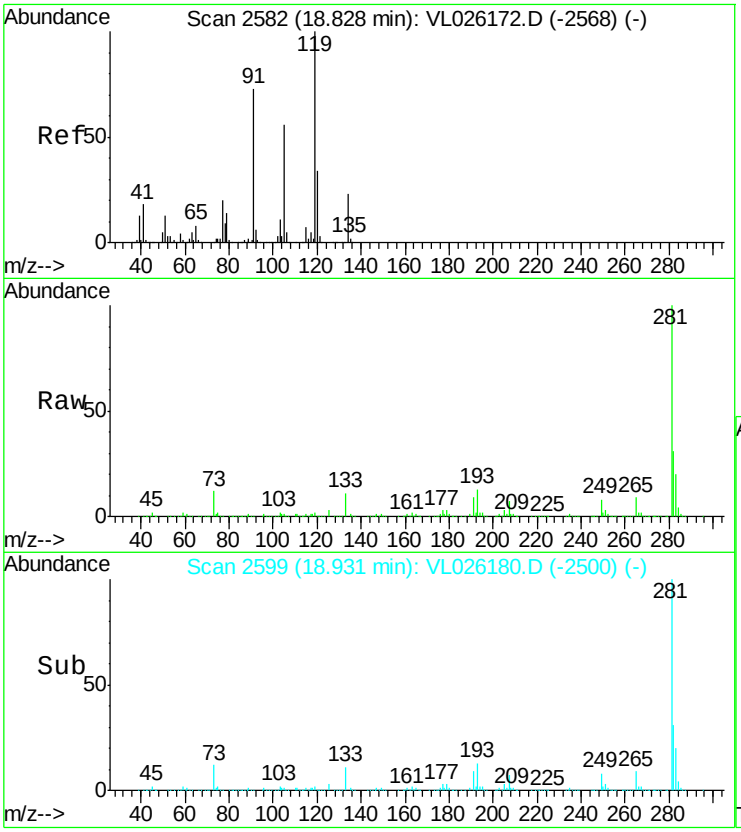


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.77 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Tgt Ion:117 Resp: 2807421

Ion	Ratio	Lower	Upper
117	100		
82	62.1	47.7	71.5
119	32.7	43.7	65.5#



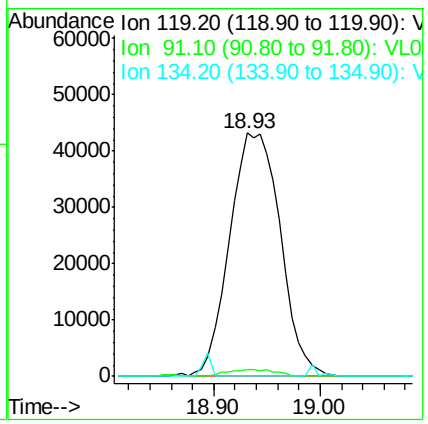


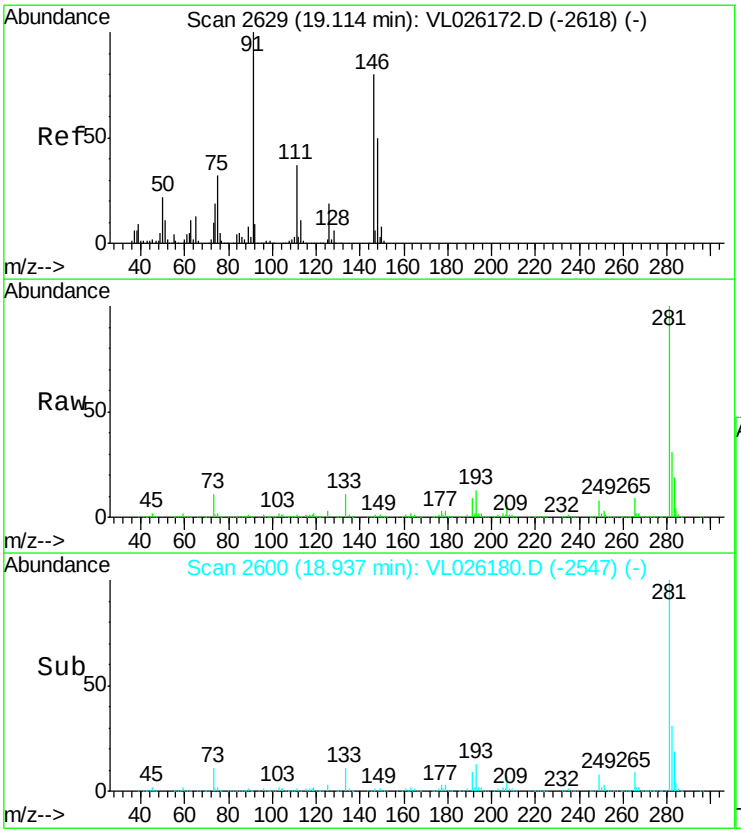
#65
tert-Butylbenzene
Concen: 0.36 ppbv
RT: 18.93 min Scan# 2599
Delta R.T. 0.10 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 143966

Ion	Ratio	Lower	Upper
119	100		
91	2.9	58.5	87.7#
134	0.8	18.0	27.0#

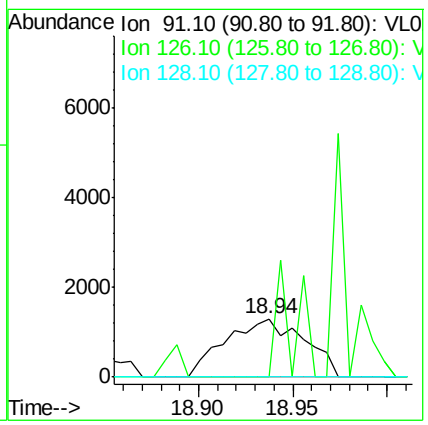


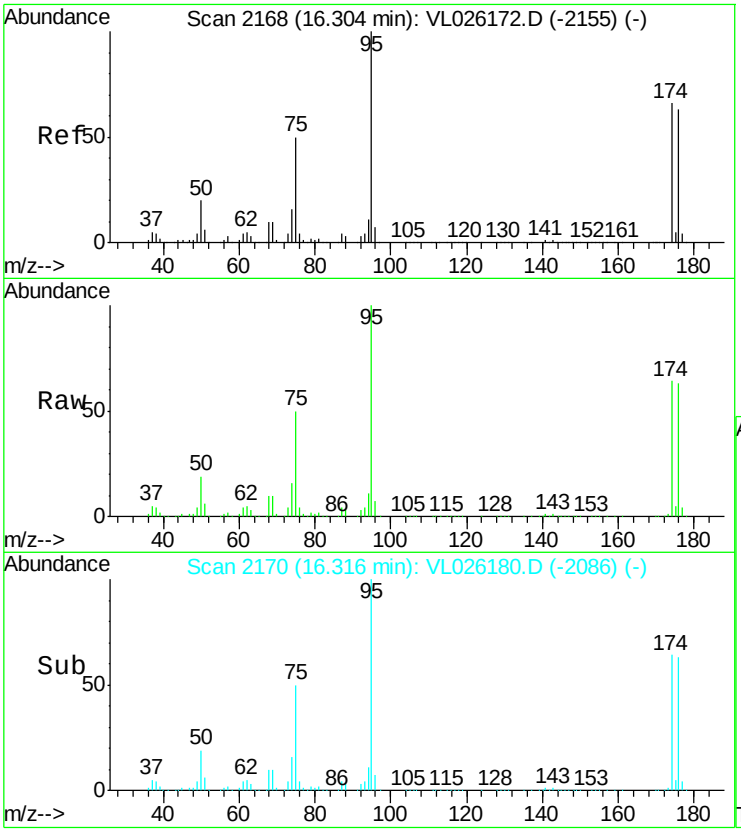


#66
Benzyl Chloride
Concen: 0.03 ppbv
RT: 18.94 min Scan# 2600
Delta R.T. -0.18 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Tgt Ion: 91 Resp: 3792

Ion	Ratio	Lower	Upper
91	100		
126	100.9	15.2	22.8#
128	0.0	4.8	7.2#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.12 ppbv
RT: 16.32 min Scan# 2170
Delta R.T. 0.01 min
Lab File: VL026180.D
Acq: 9 Oct 2015 17:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2180321

Ion	Ratio	Lower	Upper
95	100		
174	65.0	52.2	78.4
175	4.8	3.9	5.9