Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL102115\
Data File : VL026245.D
Acq On : 21 Oct 2015 19:43
Operator : SY/MD
Sample : G4128-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : EFFDL

Quant Time: Oct 22 14:19:39 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 21 01:20:55 2015
QLast Update : Wed Oct 21 01:20:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.62	49	464639	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.29	114	1343318	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.71	117	1622984	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.25	95	1307952	10.45	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.50%			
Target Compounds						Qvalue
4) Chloromethane	3.73	50	25034	0.79	ppbv	98
11) Trichlorofluoromethane	4.68	101	20293	0.21	ppbv	97
15) Acetone	4.60	43	124587	1.82	ppbv	91
31) cis-1,2-Dichloroethene	6.49	61	323680	5.56	ppbv	99
34) 2-Butanone	6.21	43	23465	0.31	ppbv	99
38) Trichloroethene	9.03	130	223688	3.37	ppbv	100
52) Tetrachloroethene	12.76	164	756066	9.64	ppbv	99

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

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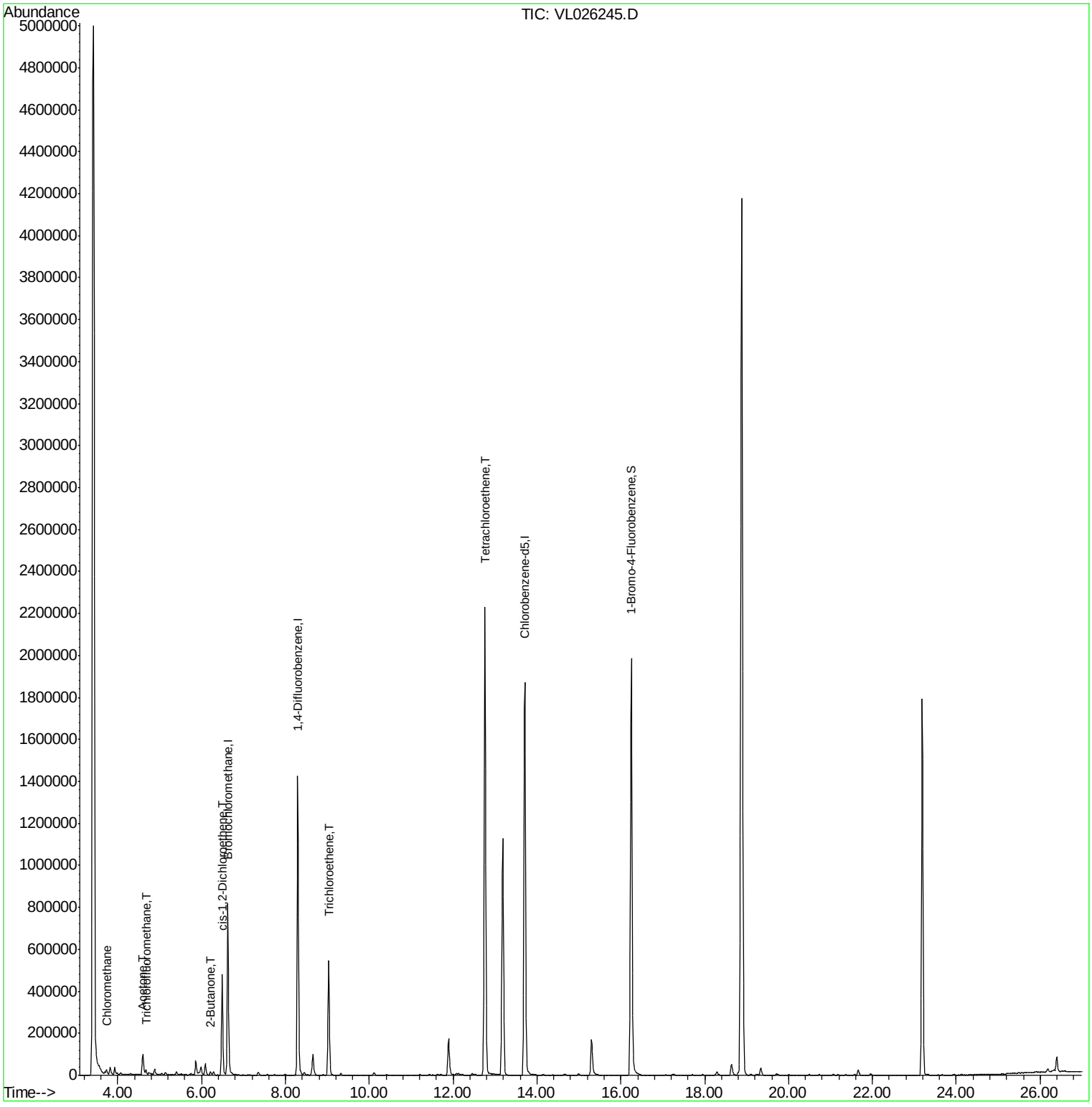
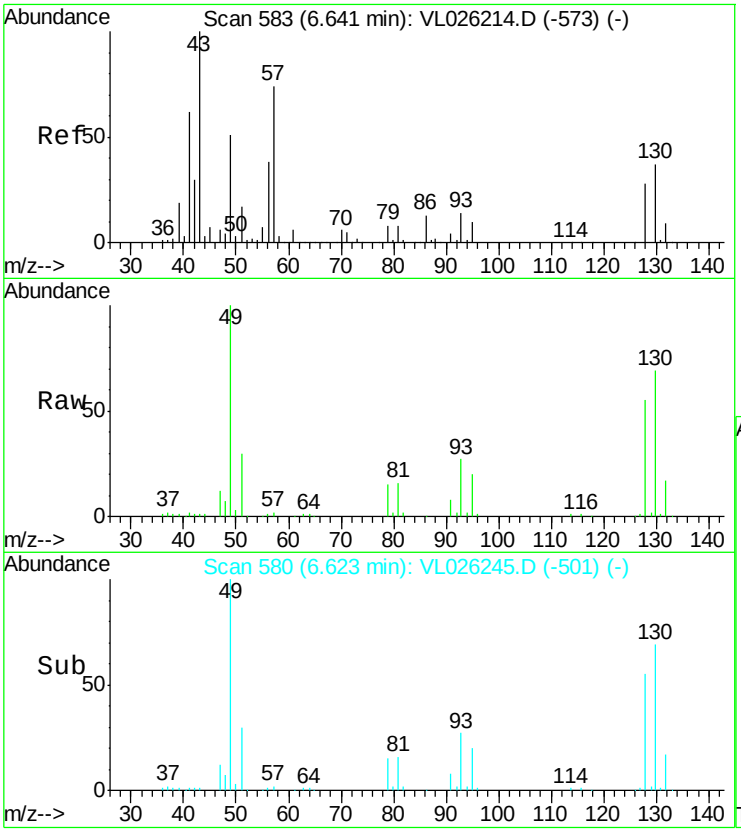


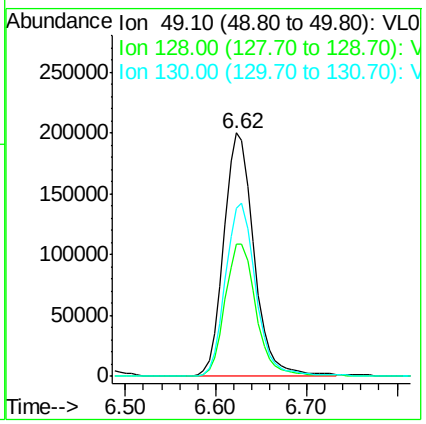


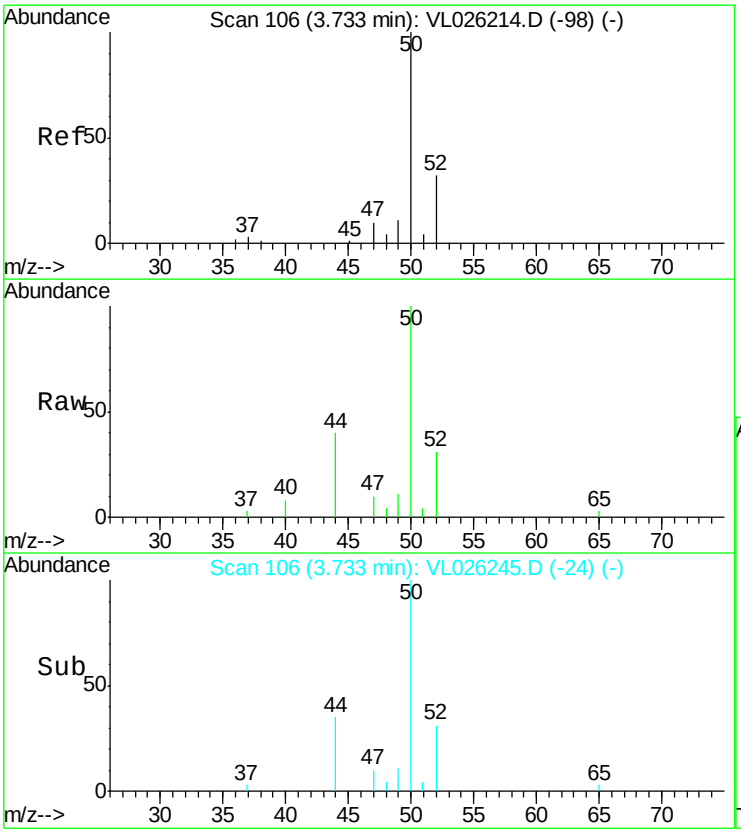
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.62 min Scan# 580
Delta R.T. -0.02 min
Lab File: VL026245.D
Acq: 21 Oct 2015 19:43

Instrument :
MSVOA_L
ClientSampleId :
EFFDL

Tgt Ion: 49 Resp: 464639

Ion	Ratio	Lower	Upper
49	100		
128	56.6	28.2	84.7
130	72.5	36.0	108.1

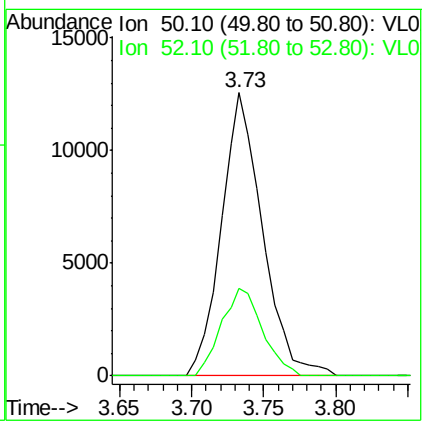


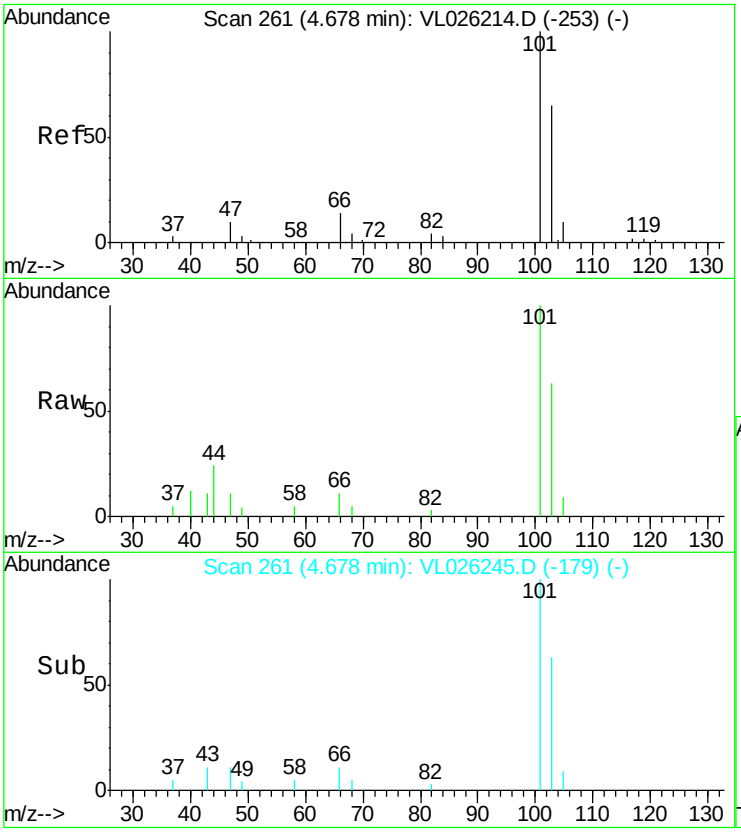


#4
Chloromethane
Concen: 0.79 ppbv
RT: 3.73 min Scan# 106
Delta R.T. 0.00 min
Lab File: VL026245.D
Acq: 21 Oct 2015 19:43

Tgt Ion: 50 Resp: 25034

Ion	Ratio	Lower	Upper
50	100		
52	30.8	25.8	38.6



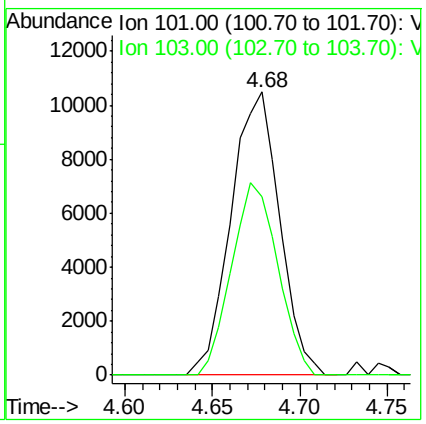


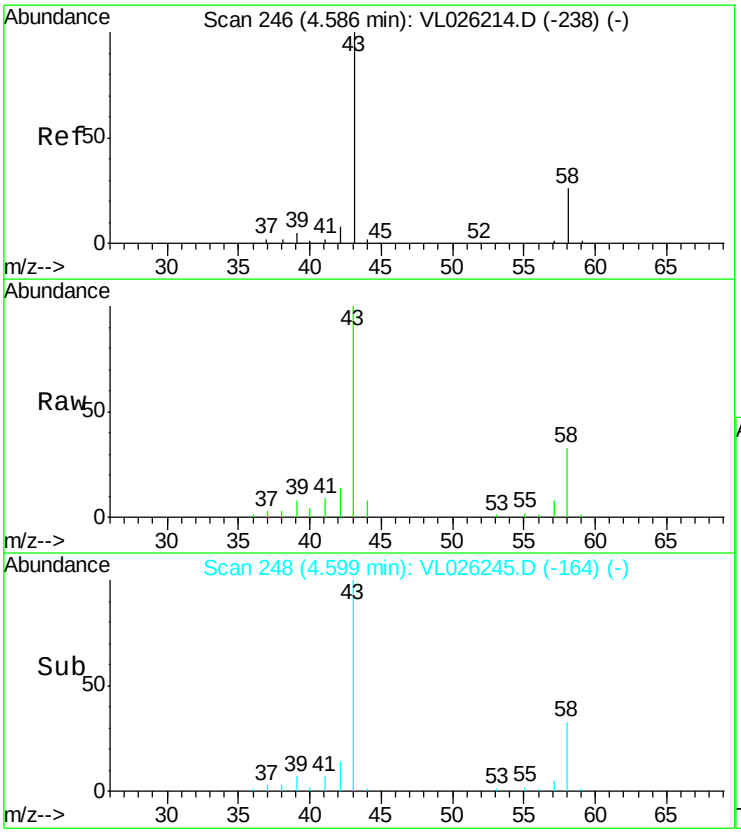
#11
Trichlorofluoromethane
Concen: 0.21 ppbv
RT: 4.68 min Scan# 261
Delta R.T. 0.00 min
Lab File: VL026245.D
Acq: 21 Oct 2015 19:43

Instrument :
MSVOA_L
ClientSampleId :
EFFDL

Tgt Ion:101 Resp: 20293

Ion	Ratio	Lower	Upper
101	100		
103	63.0	52.2	78.2

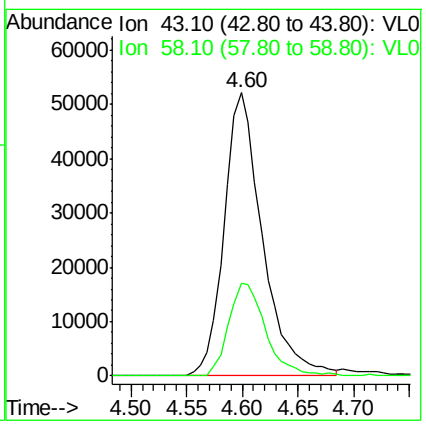


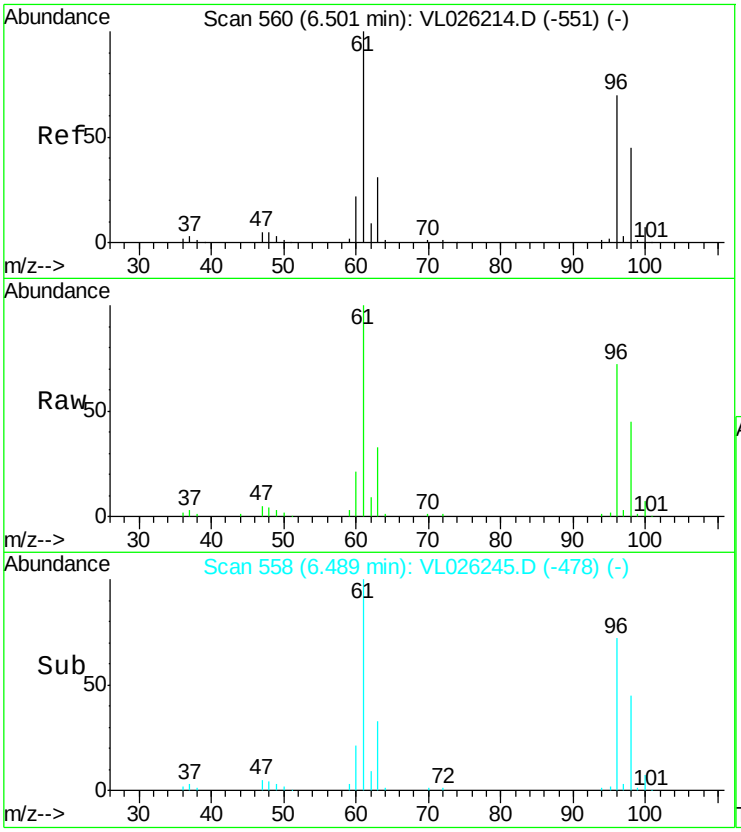


#15
Acetone
Concen: 1.82 ppbv
RT: 4.60 min Scan# 248
Delta R.T. 0.01 min
Lab File: VL026245.D
Acq: 21 Oct 2015 19:43

Tgt Ion: 43 Resp: 124587

Ion	Ratio	Lower	Upper
43	100		
58	31.6	21.8	32.6



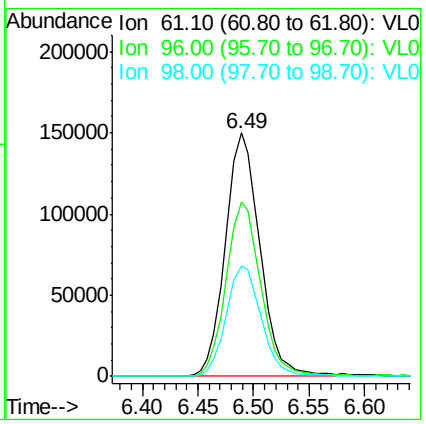


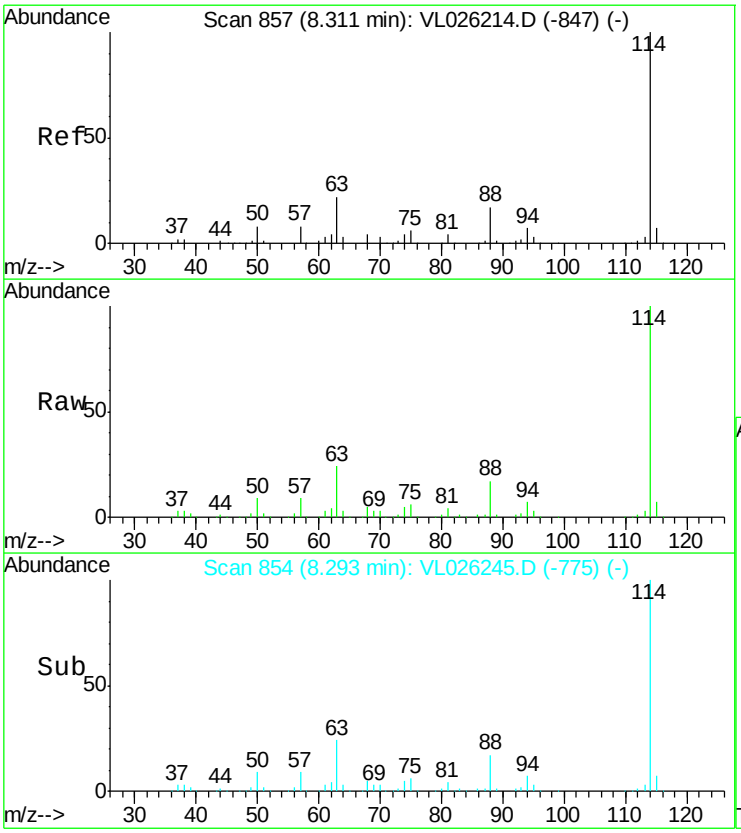
#31
cis-1,2-Dichloroethene
Concen: 5.56 ppbv
RT: 6.49 min Scan# 558
Delta R.T. -0.01 min
Lab File: VL026245.D
Acq: 21 Oct 2015 19:43

Instrument :
MSVOA_L
ClientSampleId :
EFFDL

Tgt Ion: 61 Resp: 323680

Ion	Ratio	Lower	Upper
61	100		
96	71.7	56.0	84.0
98	45.2	36.1	54.1

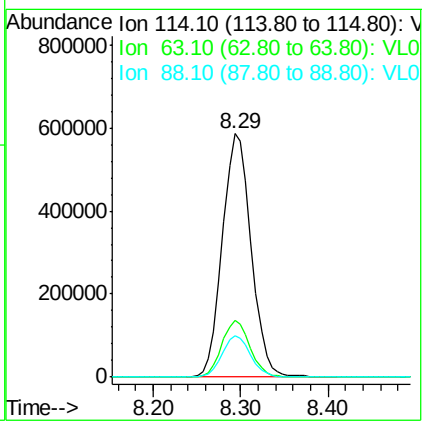


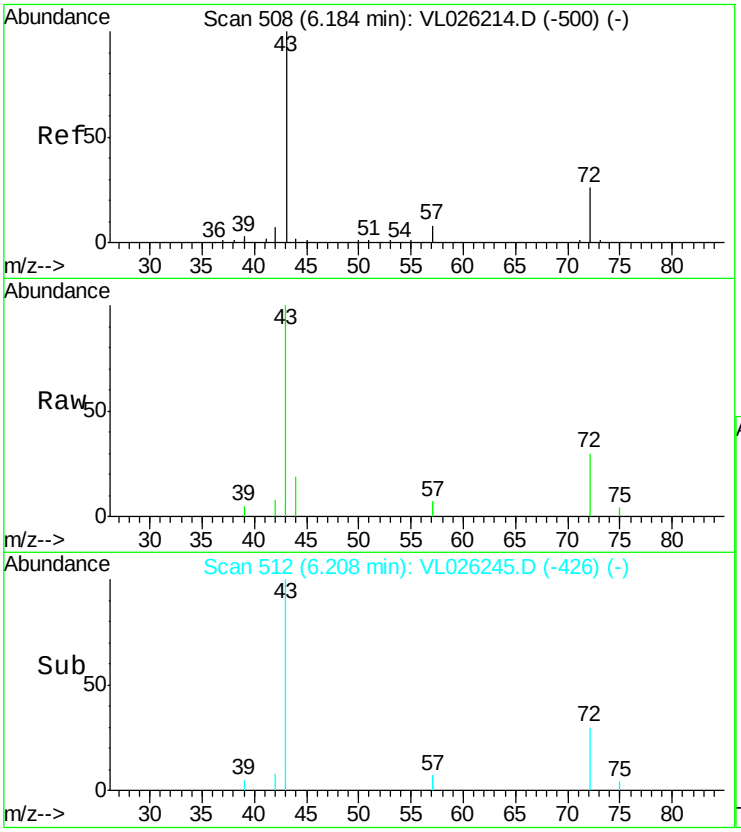


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.29 min Scan# 854
Delta R.T. -0.02 min
Lab File: VL026245.D
Acq: 21 Oct 2015 19:43

Tgt Ion:114 Resp: 1343318

Ion	Ratio	Lower	Upper
114	100		
63	22.8	18.2	27.4
88	16.8	13.5	20.3



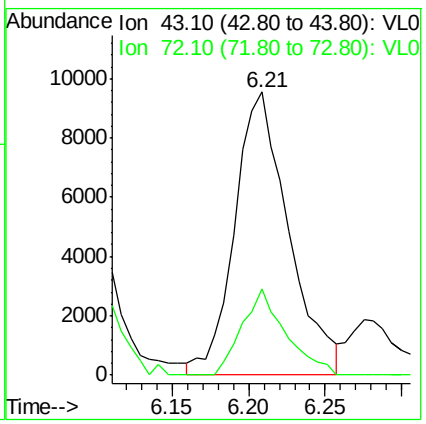


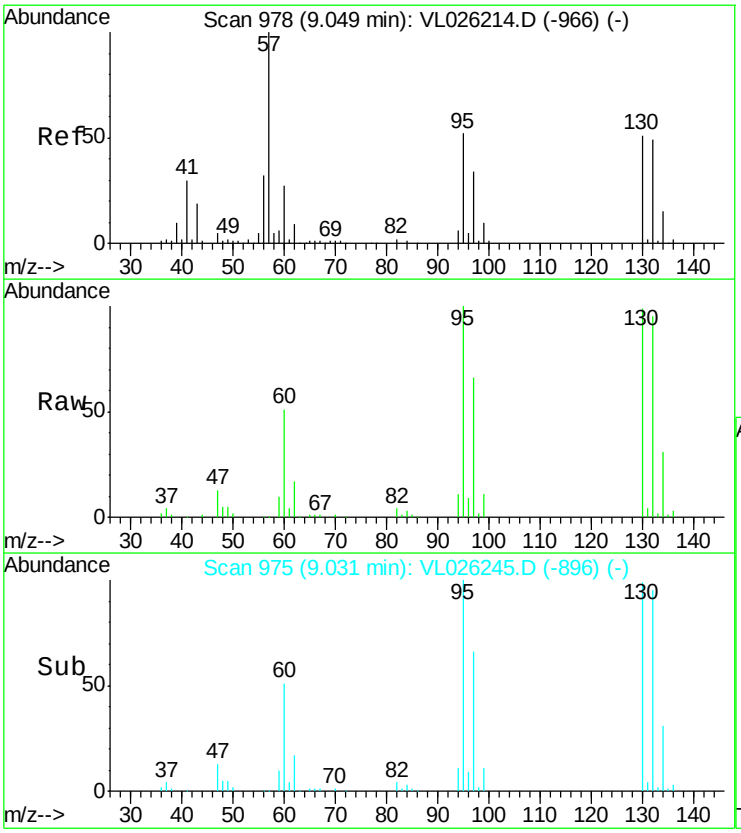
#34
2-Butanone
Concen: 0.31 ppbv
RT: 6.21 min Scan# 512
Delta R.T. 0.02 min
Lab File: VL026245.D
Acq: 21 Oct 2015 19:43

Instrument :
MSVOA_L
ClientSampleId :
EFFDL

Tgt Ion: 43 Resp: 23465

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.1	30.1

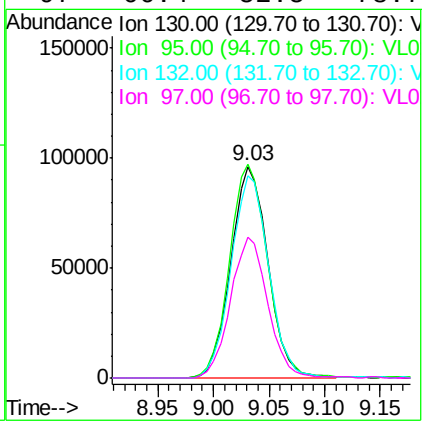


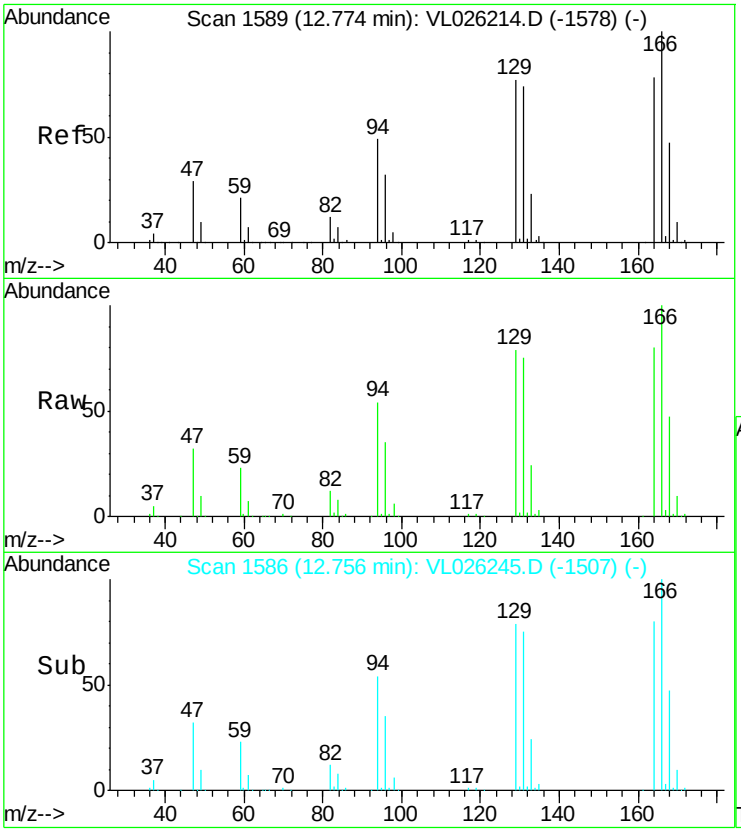


#38
Trichloroethene
Concen: 3.37 ppbv
RT: 9.03 min Scan# 975
Delta R.T. -0.02 min
Lab File: VL026245.D
Acq: 21 Oct 2015 19:43

Tgt Ion:130 Resp: 223688

Ion	Ratio	Lower	Upper
130	100		
95	101.0	81.0	121.4
132	95.5	76.5	114.7
97	66.4	52.5	78.7



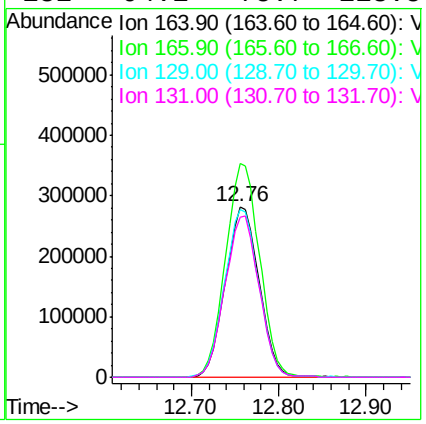


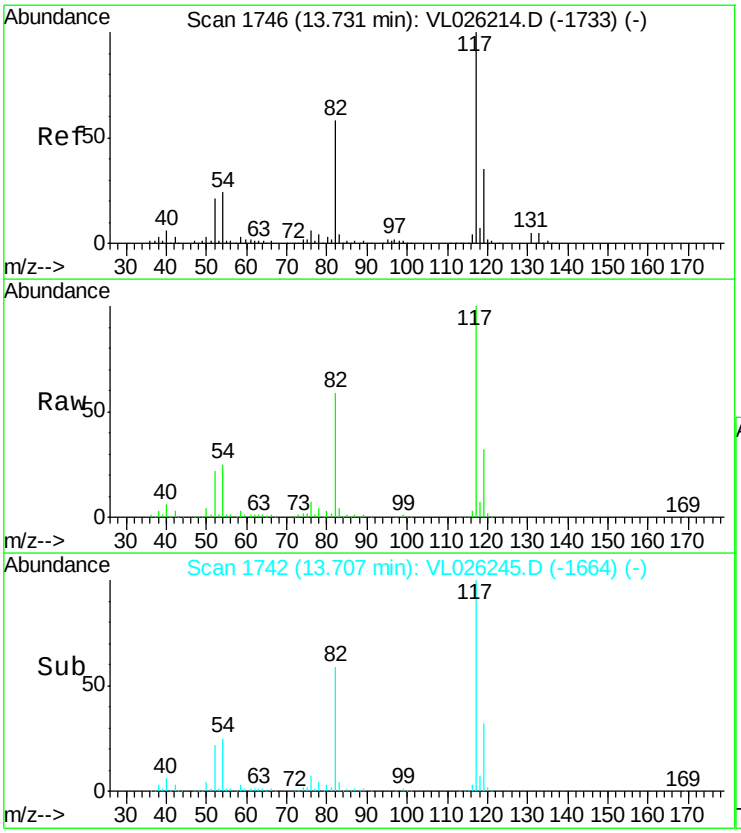
#52
Tetrachloroethene
Concen: 9.64 ppbv
RT: 12.76 min Scan# 1586
Delta R.T. -0.02 min
Lab File: VL026245.D
Acq: 21 Oct 2015 19:43

Instrument :
MSVOA_L
ClientSampleId :
EFFDL

Tgt Ion:164 Resp: 756066

Ion	Ratio	Lower	Upper
164	100		
166	125.2	102.3	153.5
129	98.4	78.2	117.4
131	94.1	75.7	113.5

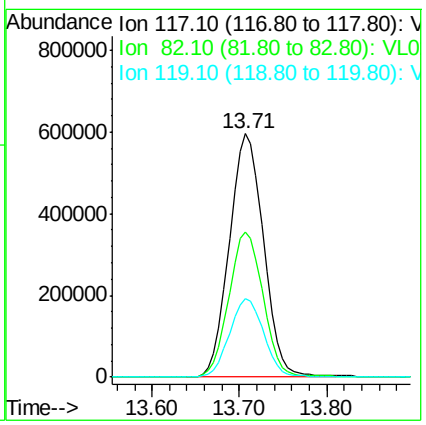


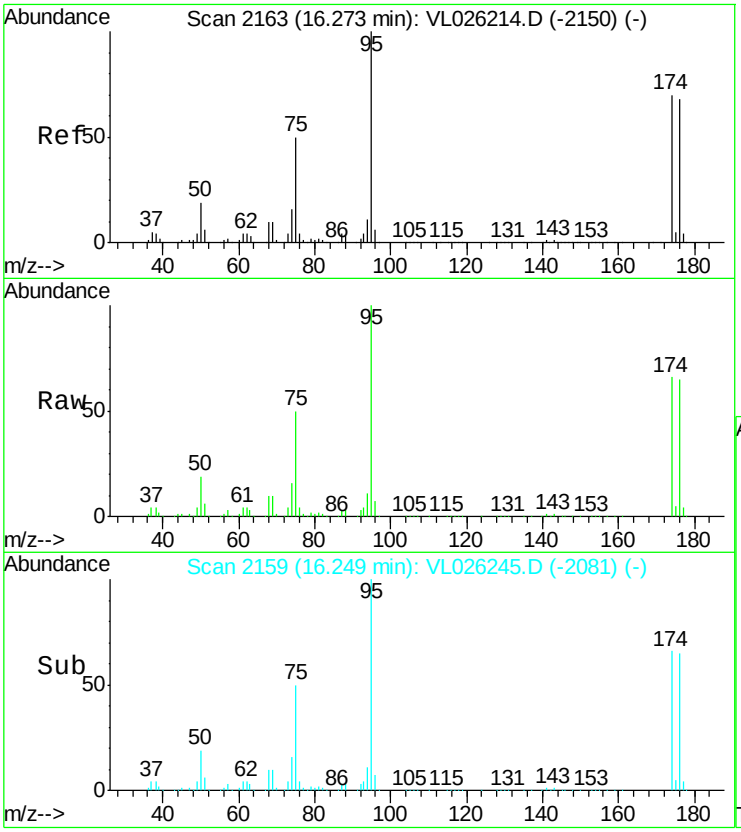


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.71 min Scan# 1742
Delta R.T. -0.02 min
Lab File: VL026245.D
Acq: 21 Oct 2015 19:43

Tgt Ion:117 Resp: 1622984

Ion	Ratio	Lower	Upper
117	100		
82	60.5	45.8	68.8
119	33.0	45.0	67.4#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.45 ppbv
RT: 16.25 min Scan# 2159
Delta R.T. -0.02 min
Lab File: VL026245.D
Acq: 21 Oct 2015 19:43

Instrument :
MSVOA_L
ClientSampleId :
EFFDL

Tgt Ion: 95 Resp: 1307952

Ion	Ratio	Lower	Upper
95	100		
174	66.9	55.8	83.8
175	5.0	4.3	6.5