Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025623.D
Acq On : 8 Jul 2015 1:17
Operator : SY/MD
Sample : G2872-02DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DIN46-MIDSTREAM-07011DL

Quant Time: Jul 08 08:43:15 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.65	49	701306	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.34	114	1883001	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.75	117	2223133	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.29	95	1857232	9.90	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.00%				
Target Compounds							Qvalue
5) Vinyl Chloride	3.89	62	11875	0.24	ppbv	#	79
9) Propene	3.60	41	15721	0.48	ppbv		94
15) Acetone	4.62	43	174914	1.41	ppbv		95
17) tert-Butyl alcohol	5.16	59	169088	1.63	ppbv		98
18) 1,1-Dichloroethene	5.09	96	38150	0.74	ppbv		89
24) 1,1-Dichloroethane	5.91	63	329754	2.62	ppbv		99
26) Hexane	6.67	57	32693	0.37	ppbv	#	42
27) Carbon Disulfide	5.40	76	40303	0.28	ppbv	#	75
30) Cyclohexane	8.29	84	80050	0.95	ppbv	#	67
31) cis-1,2-Dichloroethene	6.52	61	633351	7.22	ppbv		100
32) 1,1,1-Trichloroethane	7.60	97	72469	0.38	ppbv		97
34) 2-Butanone	6.24	43	23151	0.22	ppbv		97
38) Trichloroethene	9.07	130	7287861	86.92	ppbv		95
41) Tetrahydrofuran	7.17	42	17791	0.33	ppbv		92

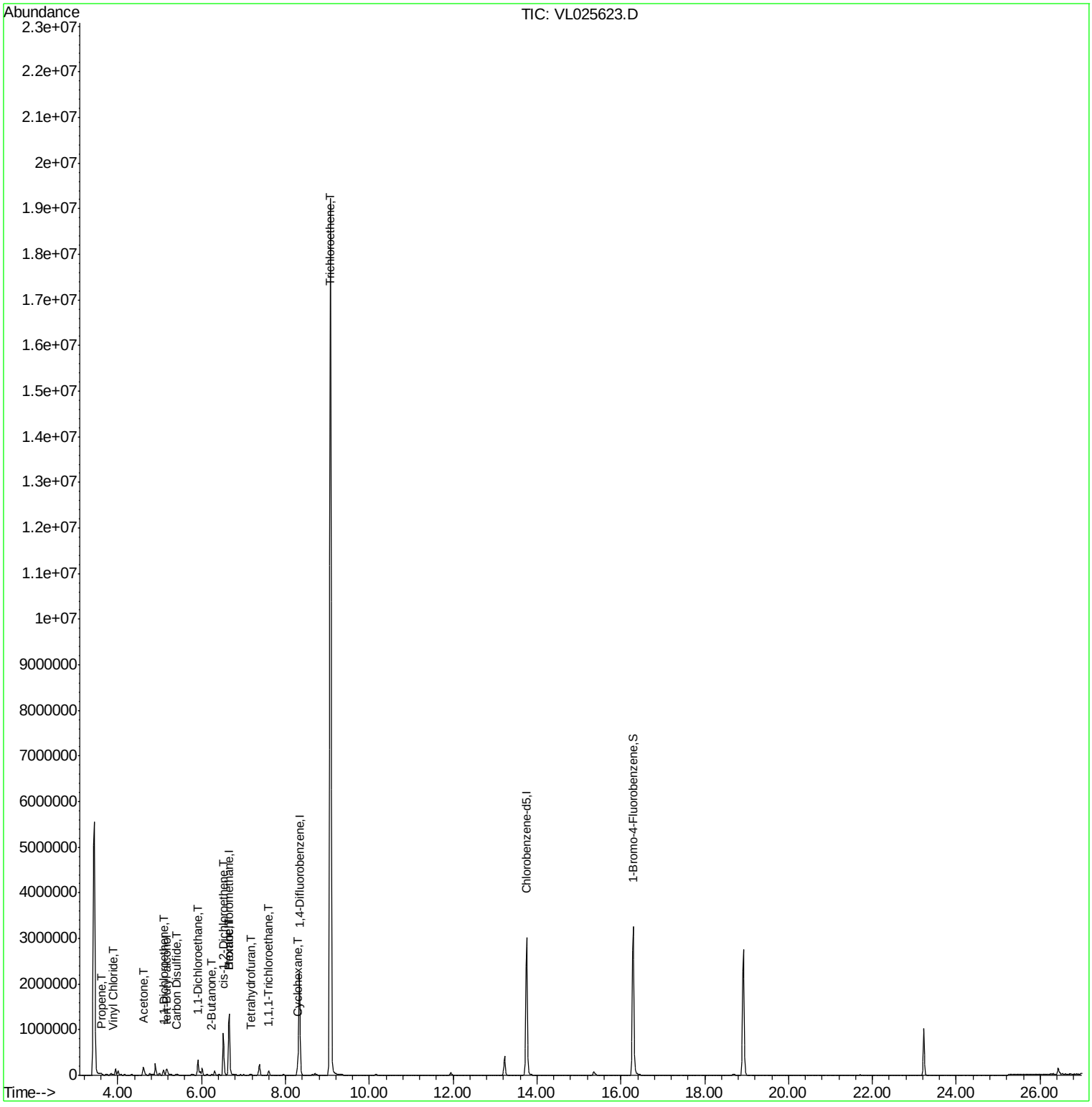
(#) = qualifier out of range (m) = manual integration (+) = signals summed

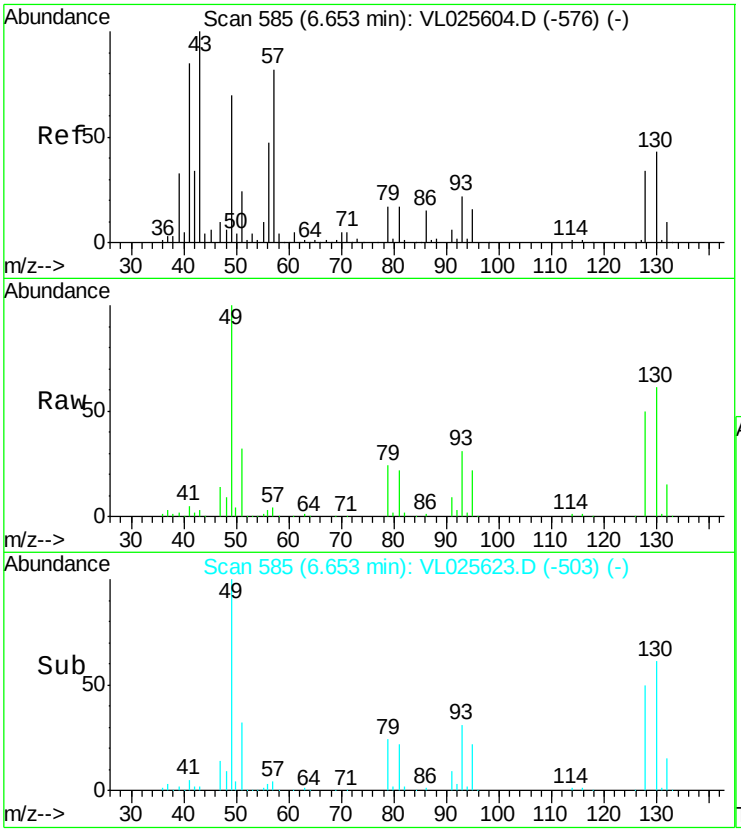
Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025623.D
Acq On : 8 Jul 2015 1:17
Operator : SY/MD
Sample : G2872-02DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-07011DL

Quant Time: Jul 08 08:43:15 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration



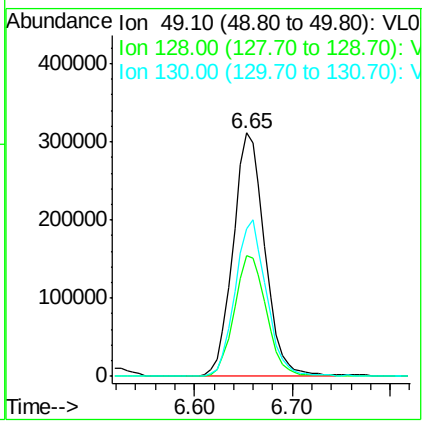


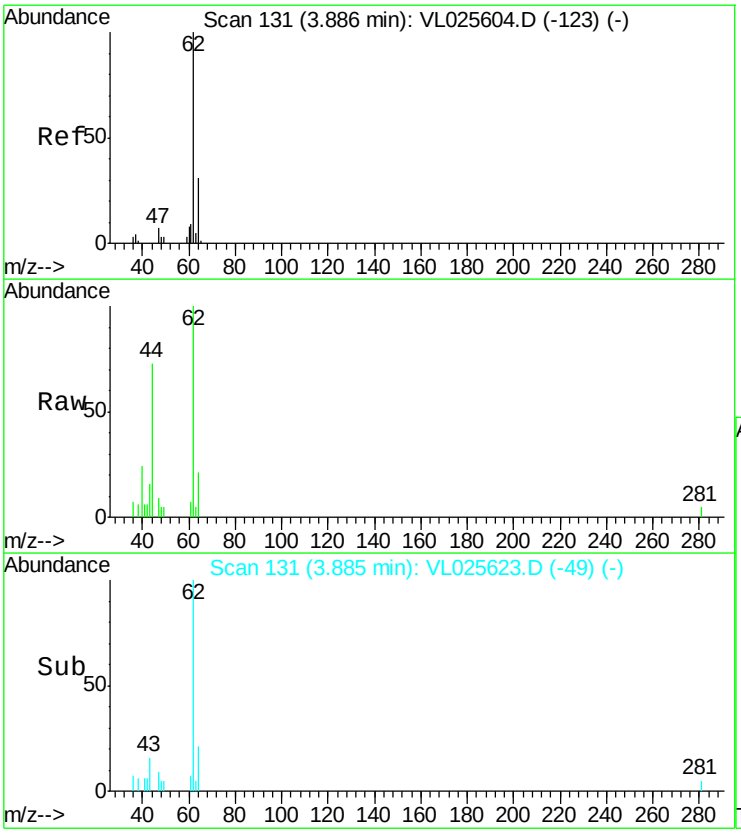
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.65 min Scan# 585
Delta R.T. -0.00 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-07011DL

Tgt Ion: 49 Resp: 701306

Ion	Ratio	Lower	Upper
49	100		
128	50.9	25.4	76.0
130	64.4	31.9	95.9

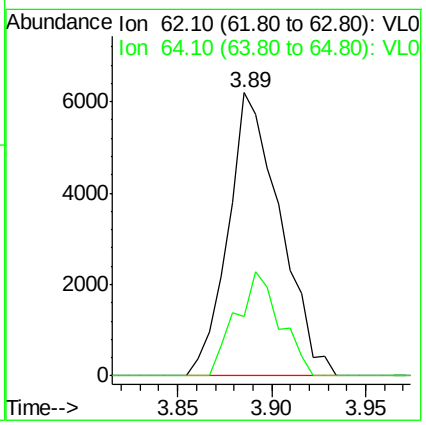


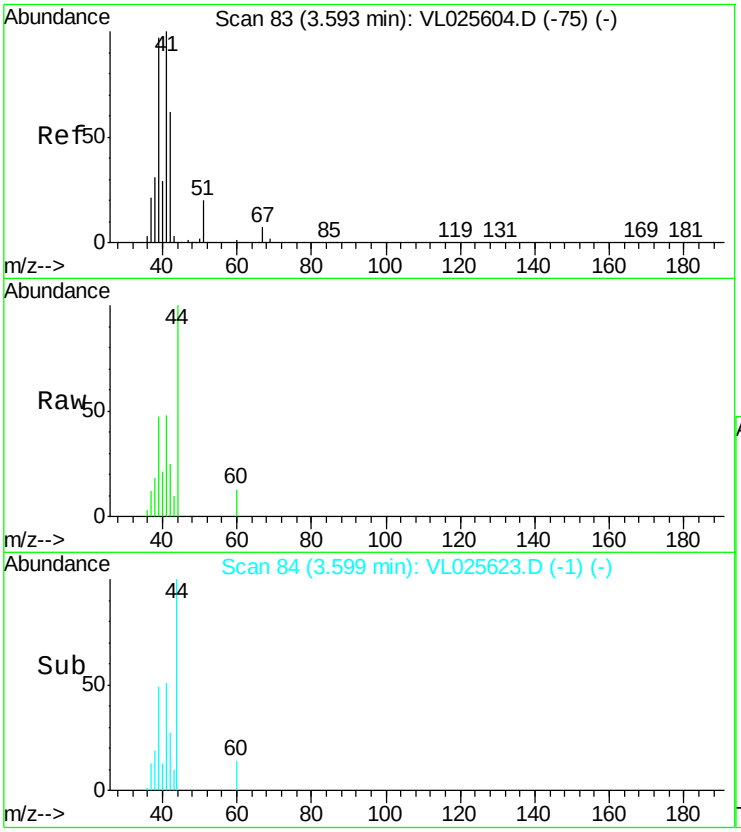


#5
Vinyl Chloride
Concen: 0.24 ppbv
RT: 3.89 min Scan# 131
Delta R.T. -0.00 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Tgt Ion: 62 Resp: 11875

Ion	Ratio	Lower	Upper
62	100		
64	19.7	25.0	37.6#



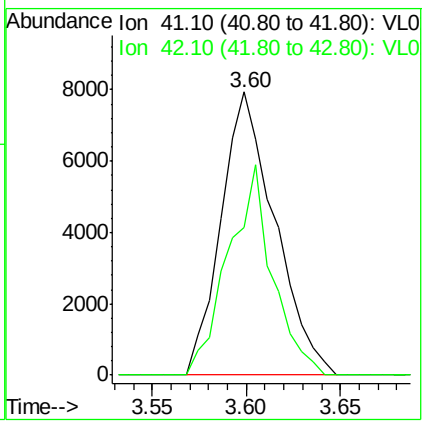


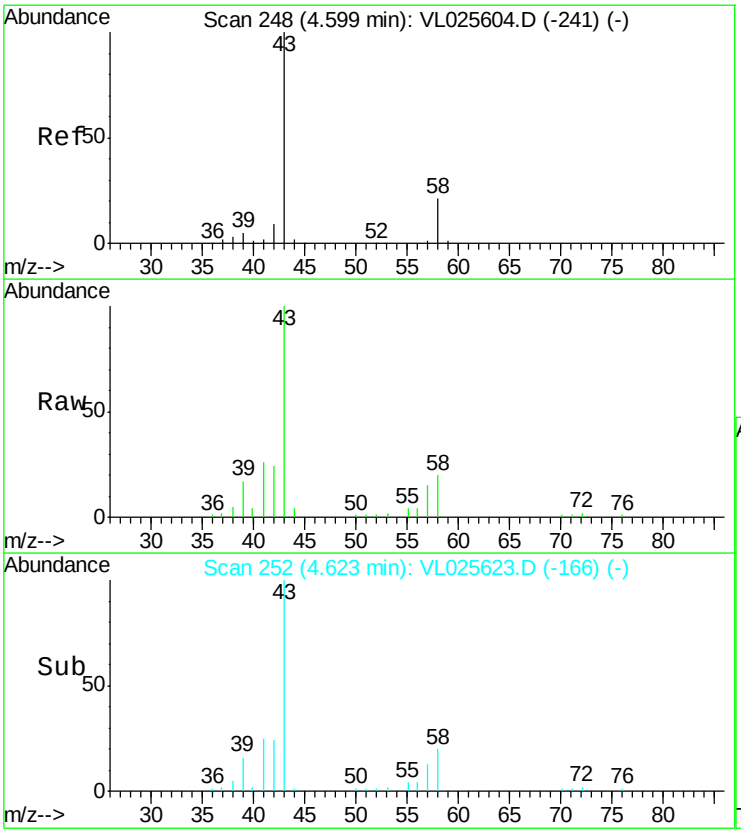
#9
Propene
Concen: 0.48 ppbv
RT: 3.60 min Scan# 84
Delta R.T. 0.01 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-07011DL

Tgt Ion: 41 Resp: 15721

Ion	Ratio	Lower	Upper
41	100		
42	61.0	52.4	78.6

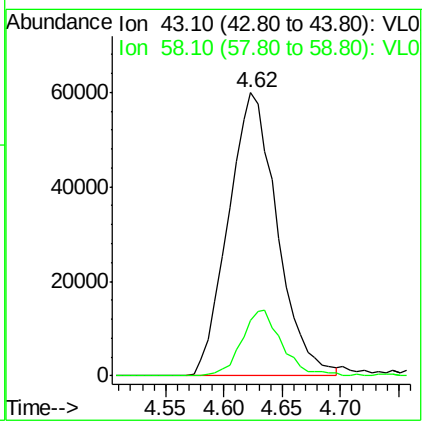


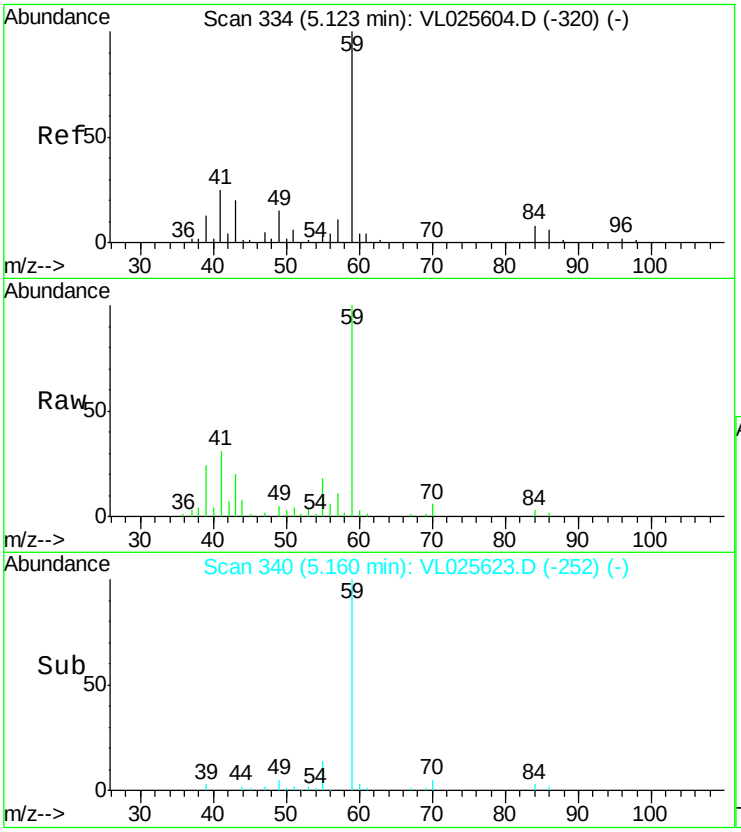


#15
Acetone
Concen: 1.41 ppbv
RT: 4.62 min Scan# 252
Delta R.T. 0.02 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Tgt Ion: 43 Resp: 174914

Ion	Ratio	Lower	Upper
43	100		
58	19.1	17.2	25.8



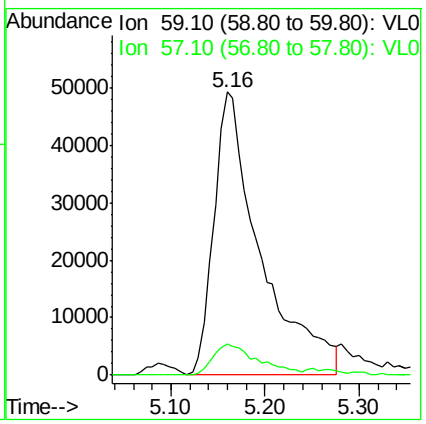


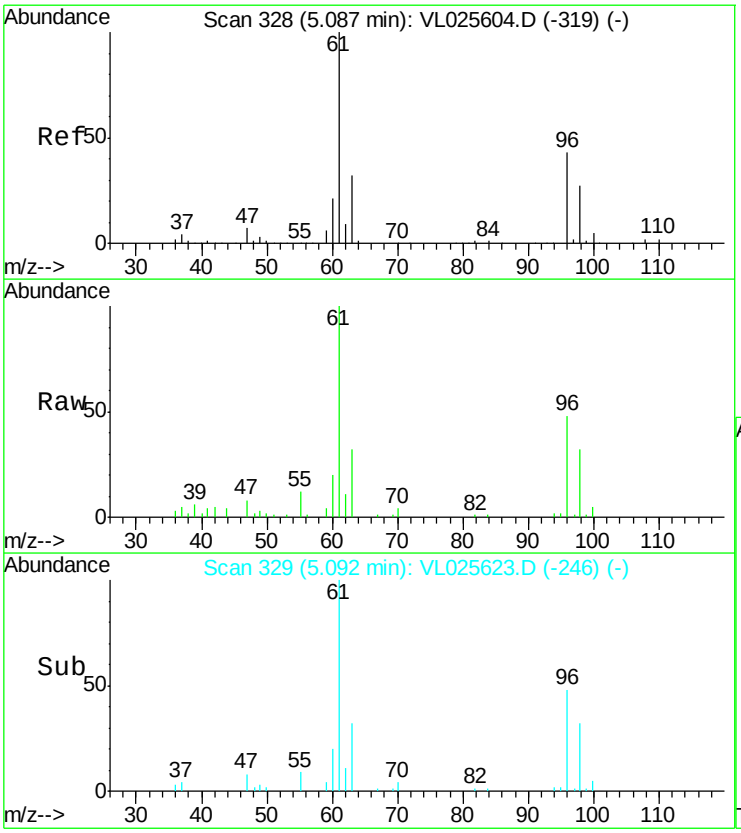
#17
tert-Butyl alcohol
Concen: 1.63 ppbv
RT: 5.16 min Scan# 340
Delta R.T. 0.04 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-07011DL

Tgt Ion: 59 Resp: 169088

Ion	Ratio	Lower	Upper
59	100		
57	12.4	9.4	14.2

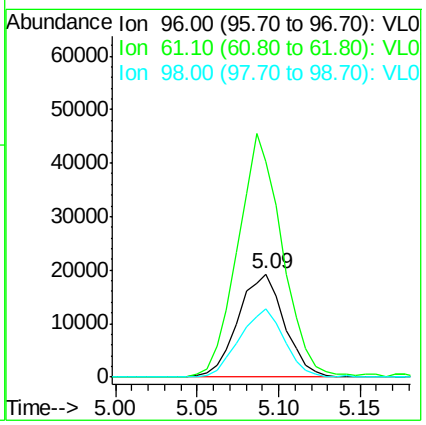


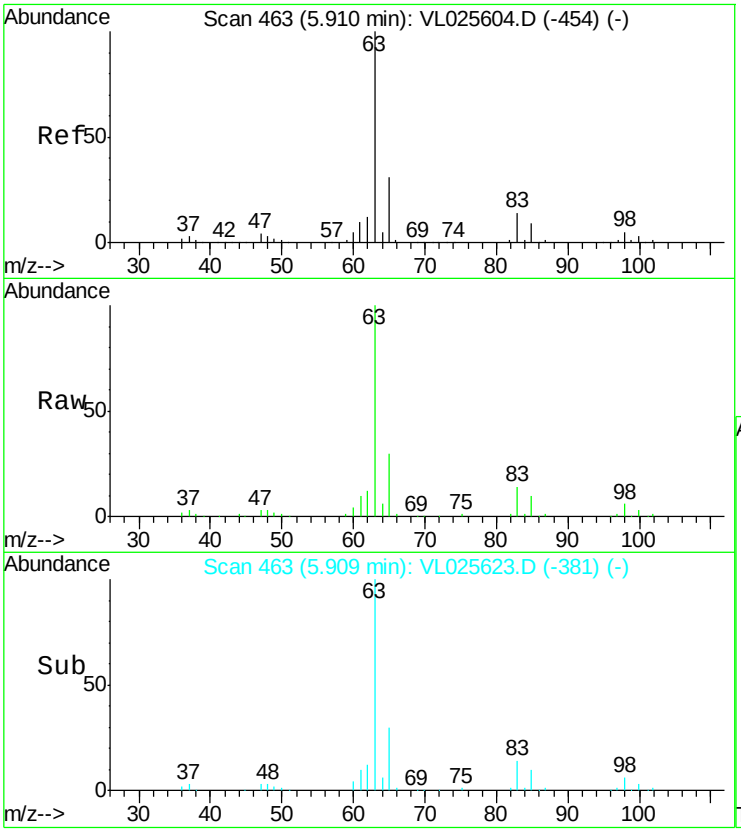


#18
1,1-Dichloroethene
Concen: 0.74 ppbv
RT: 5.09 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Tgt Ion: 96 Resp: 38150

Ion	Ratio	Lower	Upper
96	100		
61	209.0	184.1	276.1
98	66.6	50.0	75.0



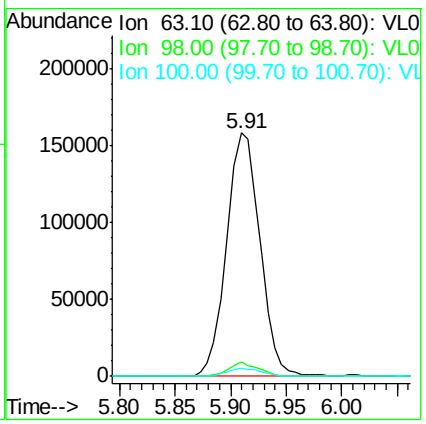


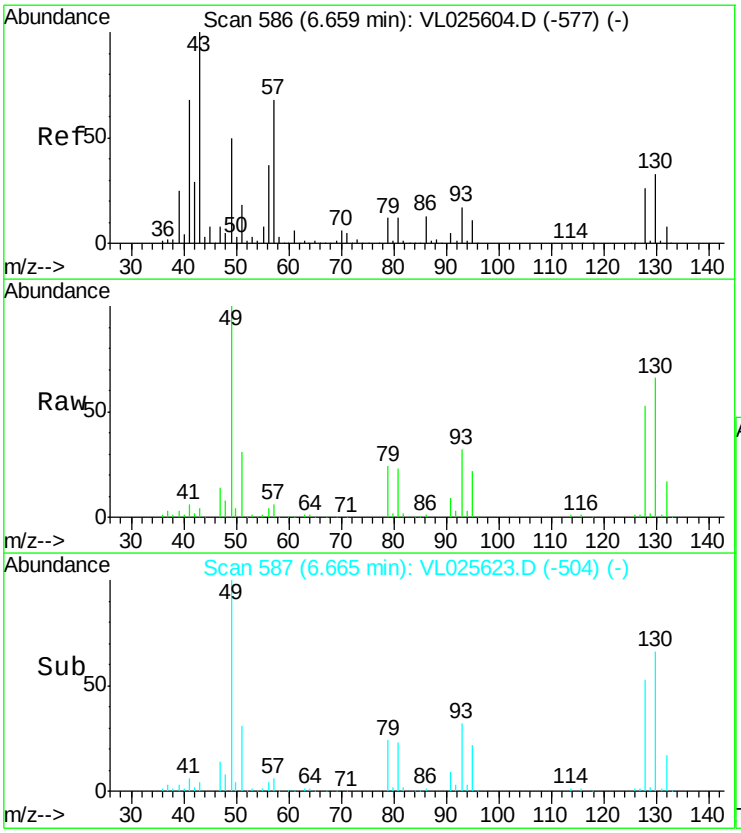
#24
1,1-Dichloroethane
Concen: 2.62 ppbv
RT: 5.91 min Scan# 463
Delta R.T. -0.00 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-07011DL

Tgt Ion: 63 Resp: 329754

Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.6	8.0
100	3.4	1.6	4.7

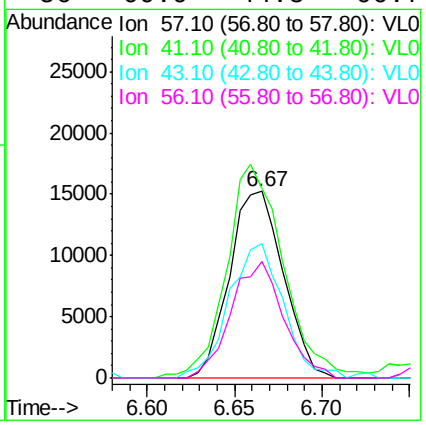


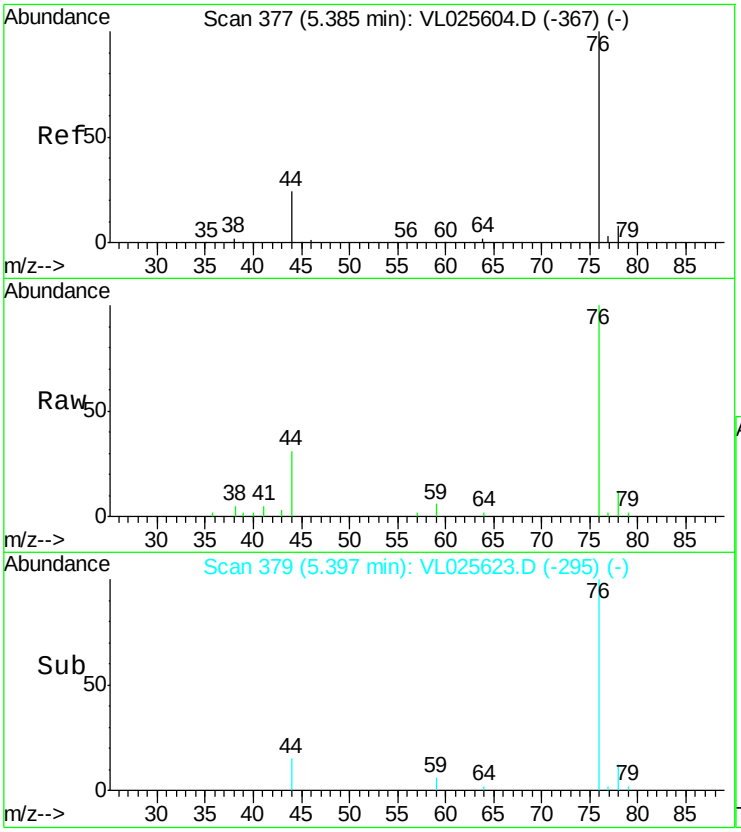


#26
Hexane
Concen: 0.37 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.01 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Tgt Ion: 57 Resp: 32693

Ion	Ratio	Lower	Upper
57	100		
41	121.3	81.4	122.2
43	73.4	171.4	257.2#
56	60.9	44.5	66.7



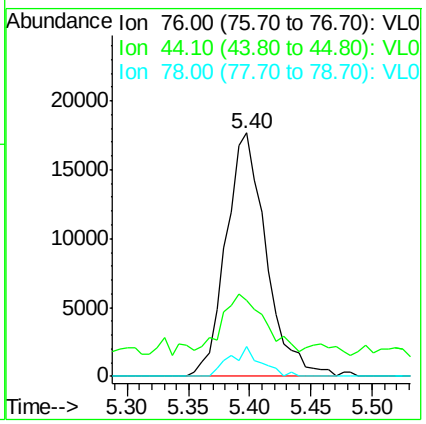


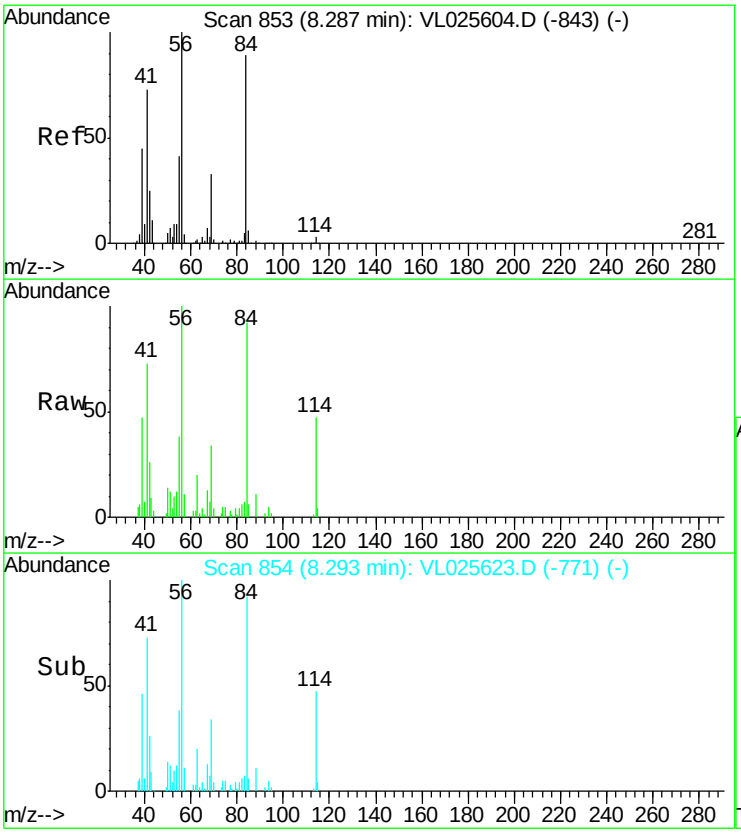
#27
Carbon Disulfide
Concen: 0.28 ppbv
RT: 5.40 min Scan# 379
Delta R.T. 0.01 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-07011DL

Tgt Ion: 76 Resp: 40303

Ion	Ratio	Lower	Upper
76	100		
44	42.5	20.2	30.4#
78	9.4	7.4	11.2

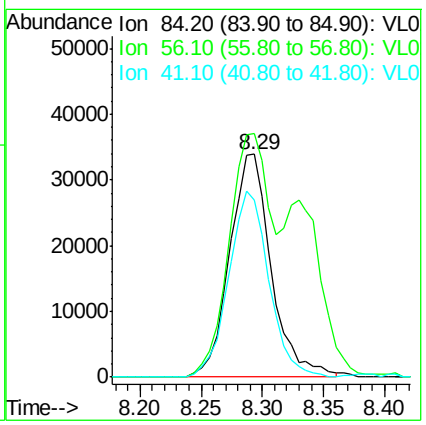


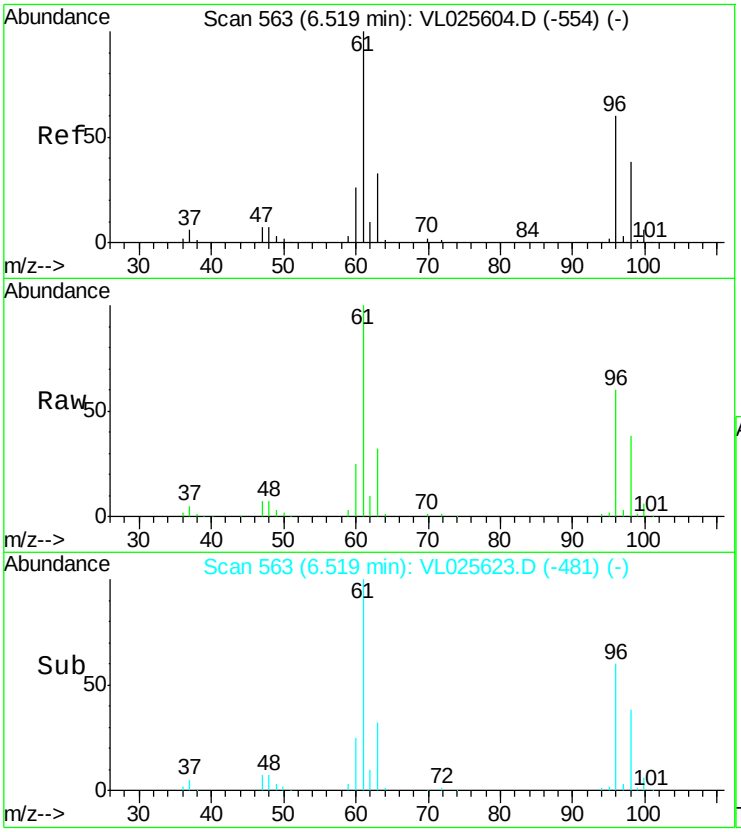


#30
Cyclohexane
Concen: 0.95 ppbv
RT: 8.29 min Scan# 854
Delta R.T. 0.01 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Tgt Ion: 84 Resp: 80050

Ion	Ratio	Lower	Upper
84	100		
56	182.2	97.5	146.3#
41	80.7	65.4	98.2



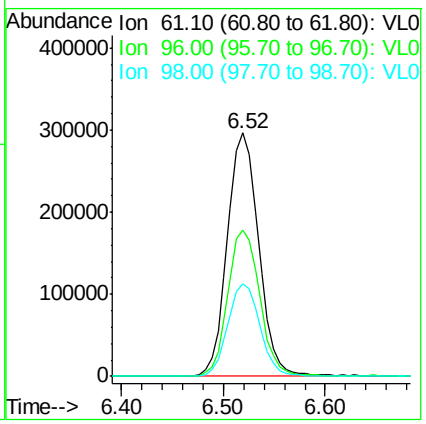


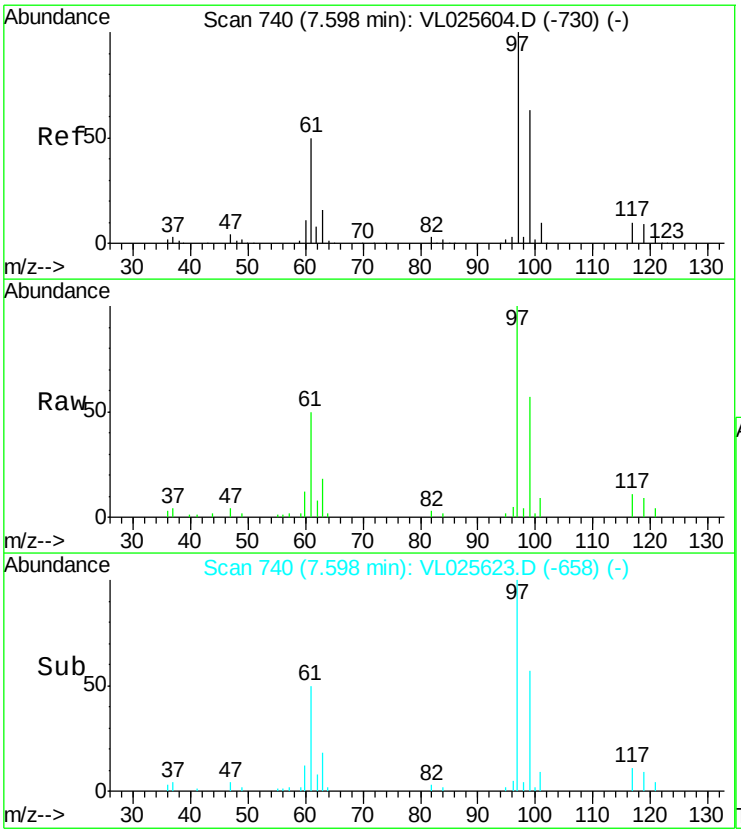
#31
cis-1,2-Dichloroethene
Concen: 7.22 ppbv
RT: 6.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-07011DL

Tgt Ion: 61 Resp: 633351

Ion	Ratio	Lower	Upper
61	100		
96	59.9	48.1	72.1
98	38.0	30.7	46.1

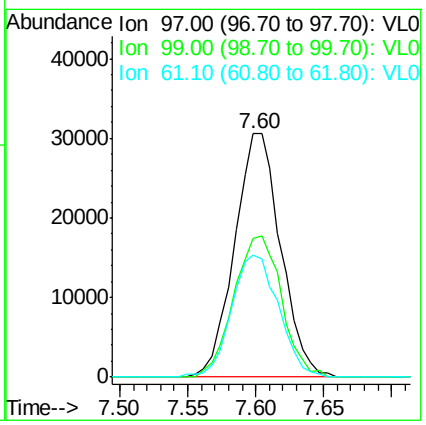


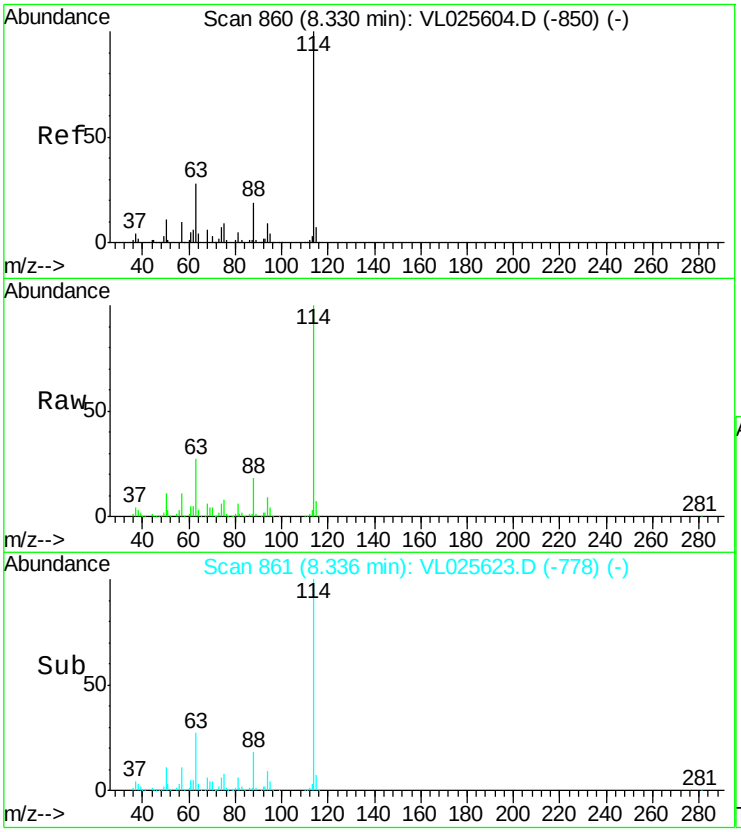


#32
1,1,1-Trichloroethane
Concen: 0.38 ppbv
RT: 7.60 min Scan# 740
Delta R.T. -0.00 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Tgt Ion: 97 Resp: 72469

Ion	Ratio	Lower	Upper
97	100		
99	59.8	51.2	76.8
61	51.1	40.4	60.6



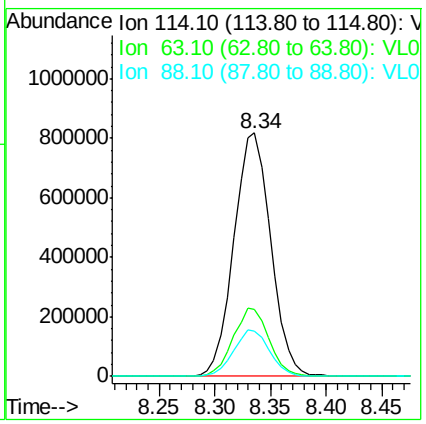


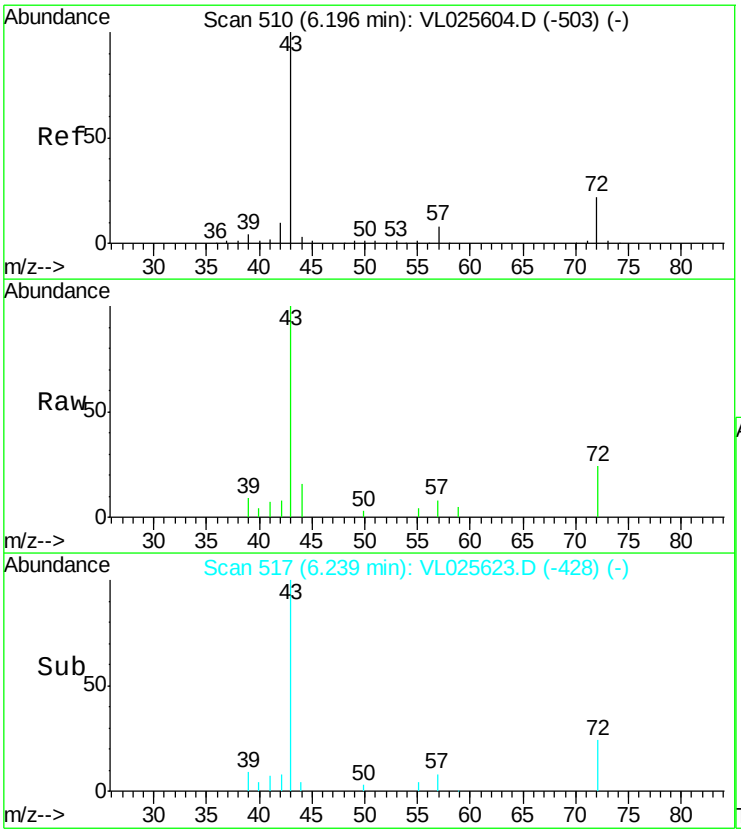
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 861
Delta R.T. 0.01 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-07011DL

Tgt Ion:114 Resp: 1883001

Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.4	33.6
88	18.7	15.0	22.4

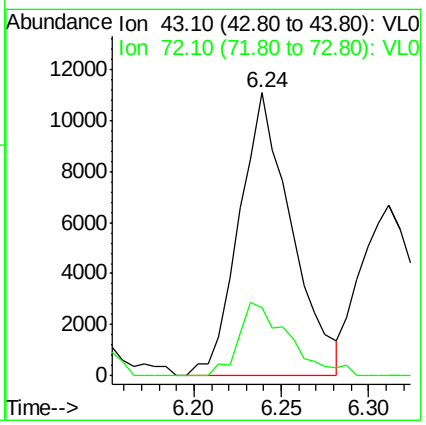


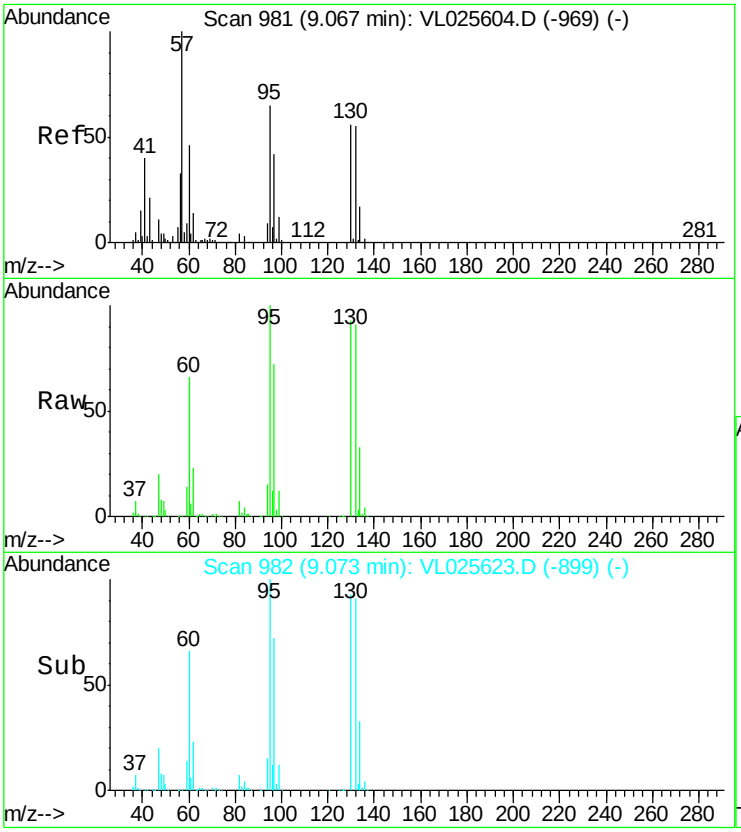


#34
2-Butanone
Concen: 0.22 ppbv
RT: 6.24 min Scan# 517
Delta R.T. 0.04 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Tgt Ion: 43 Resp: 23151

Ion	Ratio	Lower	Upper
43	100		
72	24.7	18.6	28.0



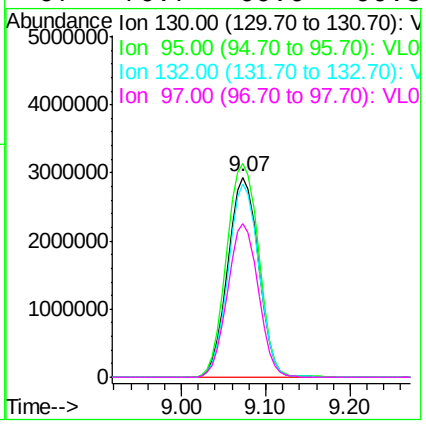


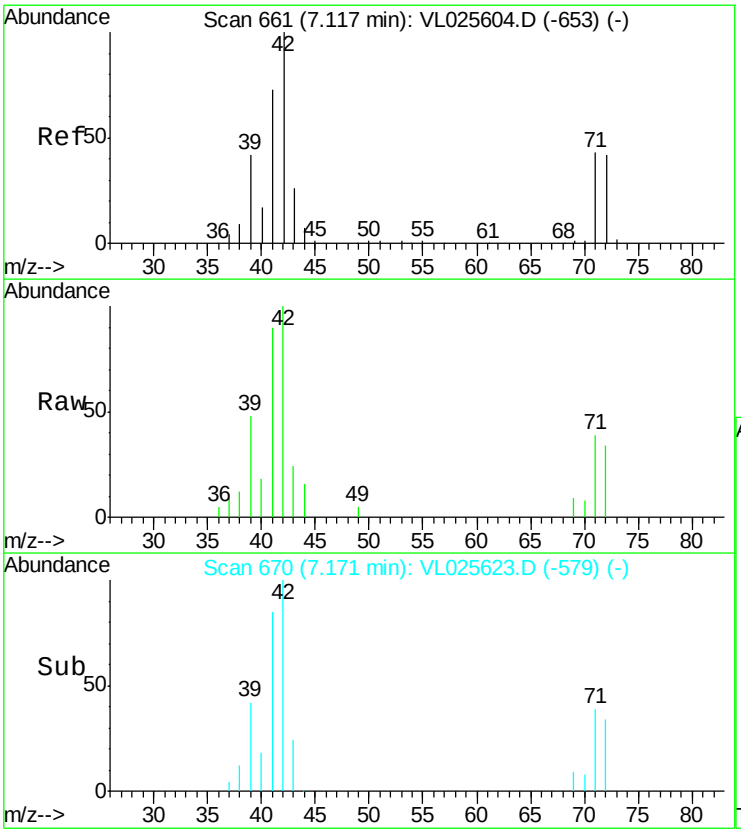
#38
Trichloroethene
Concen: 86.92 ppbv
RT: 9.07 min Scan# 982
Delta R.T. 0.01 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-07011DL

Tgt Ion:130 Resp: 7287861

Ion	Ratio	Lower	Upper
130	100		
95	107.0	94.2	141.4
132	97.0	78.6	118.0
97	76.7	60.6	90.8

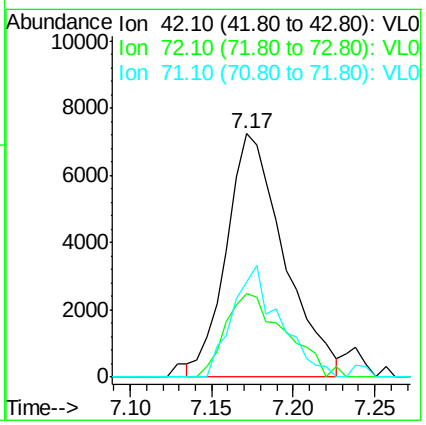


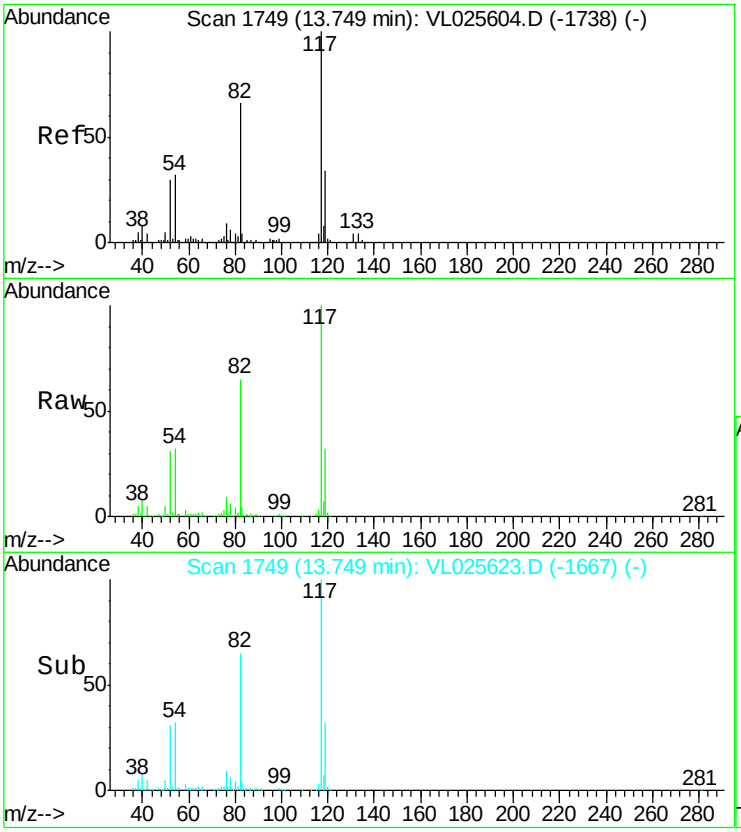


#41
Tetrahydrofuran
Concen: 0.33 ppbv
RT: 7.17 min Scan# 670
Delta R.T. 0.05 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Tgt Ion: 42 Resp: 17791

Ion	Ratio	Lower	Upper
42	100		
72	35.4	34.0	51.0
71	38.9	33.0	49.6



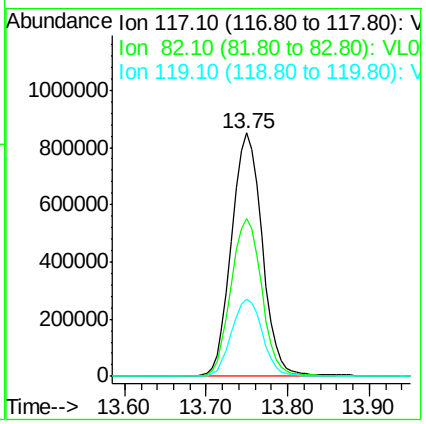


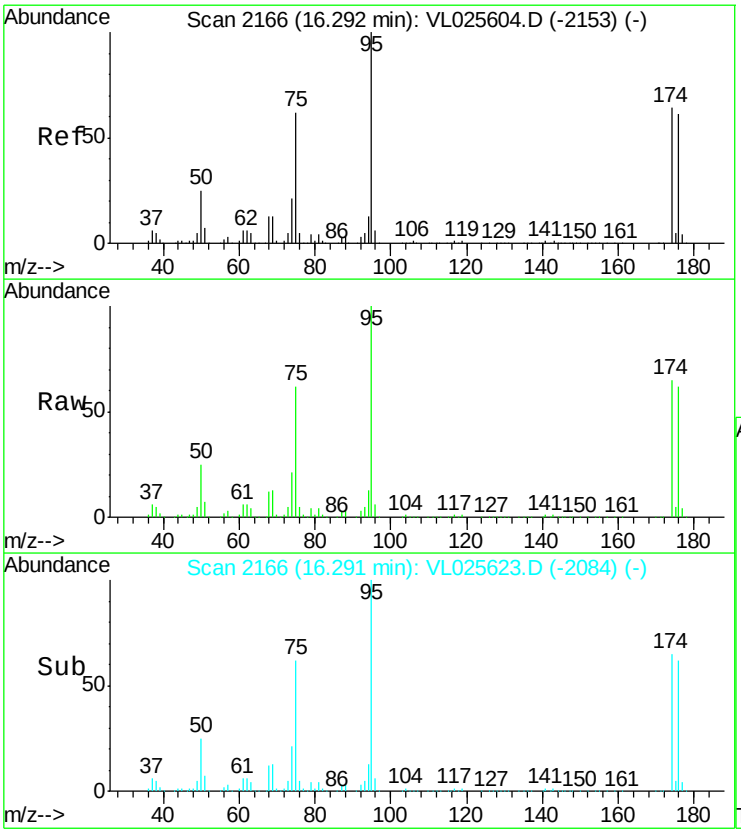
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.75 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-07011DL

Tgt Ion:117 Resp: 2223133

Ion	Ratio	Lower	Upper
117	100		
82	65.7	50.5	75.7
119	32.3	45.1	67.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.90 ppbv
RT: 16.29 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VL025623.D
Acq: 8 Jul 2015 1:17

Tgt Ion: 95 Resp: 1857232

Ion	Ratio	Lower	Upper
95	100		
174	64.7	52.0	78.0
175	4.9	3.9	5.9