Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
Data File : VL025758.D
Acq On : 27 Jul 2015 18:13
Operator : SY/MD
Sample : G3092-01DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-221-BDL

Quant Time: Jul 28 01:02:20 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	1018765	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.32	114	2692425	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.75	117	3241149	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.29	95	2736358	10.01	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.10%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.57	51	4881	0.03	ppbv	#	75
9) Propene	3.82	41	63526	1.33	ppbv		94
13) Ethanol	4.36	45	11431	1.54	ppbv		96
15) Acetone	4.64	43	46676	0.26	ppbv	#	64
16) 1,3-Butadiene	3.95	39	2927	0.04	ppbv	#	12
20) Methylene Chloride	5.14	84	14645	0.20	ppbv	#	89
26) Hexane	6.67	57	5775	0.05	ppbv	#	50
30) Cyclohexane	8.31	84	4593	0.04	ppbv	#	1
50) 4-Methyl-2-Pentanone	10.14	43	7767	0.04	ppbv		89
52) Tetrachloroethene	12.80	164	3794563	29.34	ppbv		98
74) 1,2,4-Trimethylbenzene	18.83	105	22732	0.04	ppbv	#	67

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

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
Data File : VL025758.D
Acq On : 27 Jul 2015 18:13
Operator : SY/MD
Sample : G3092-01DL 40X
Misc : 400mL/MSVOA_L
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Quant Time: Jul 28 01:02:20 2015
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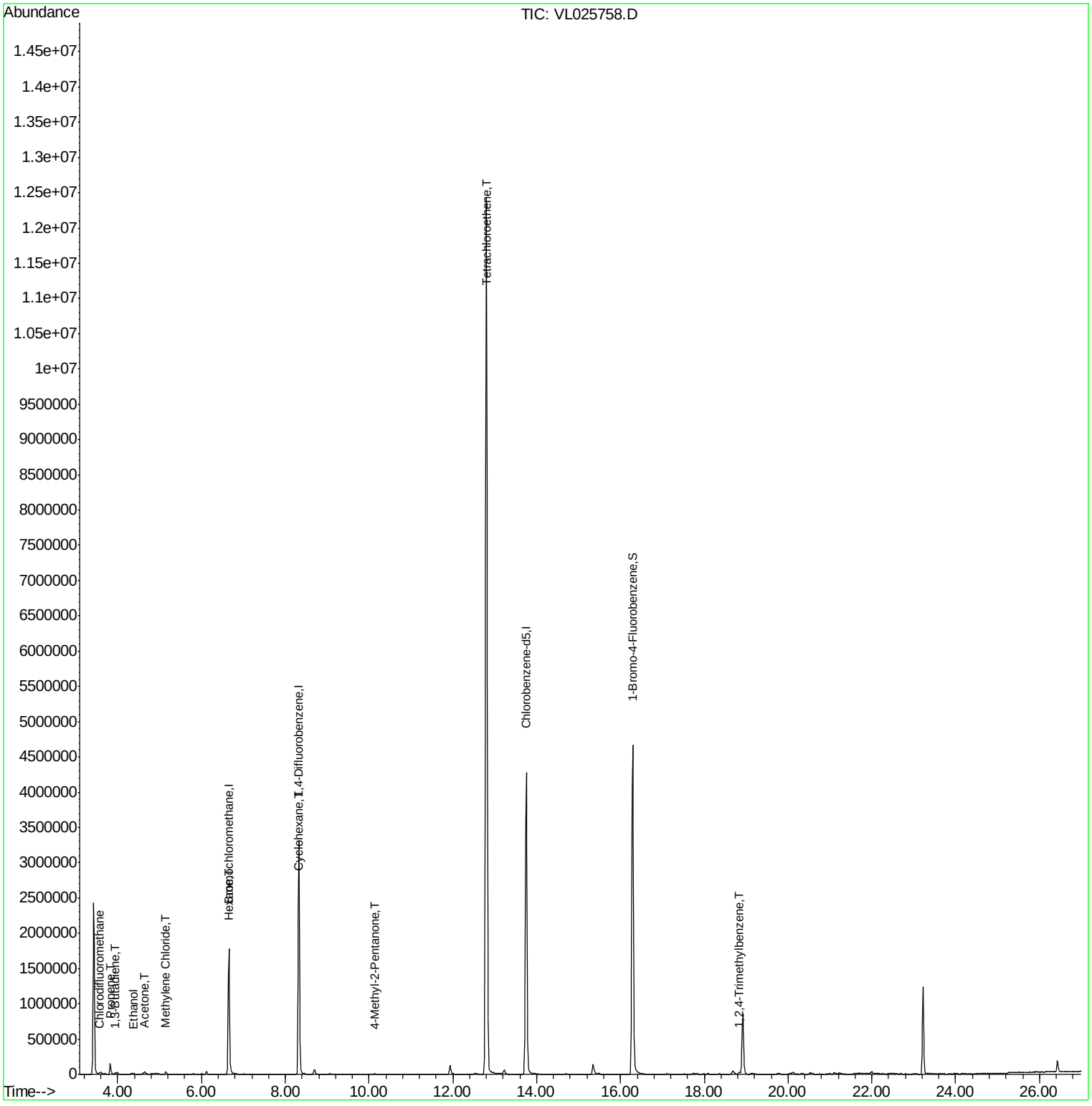
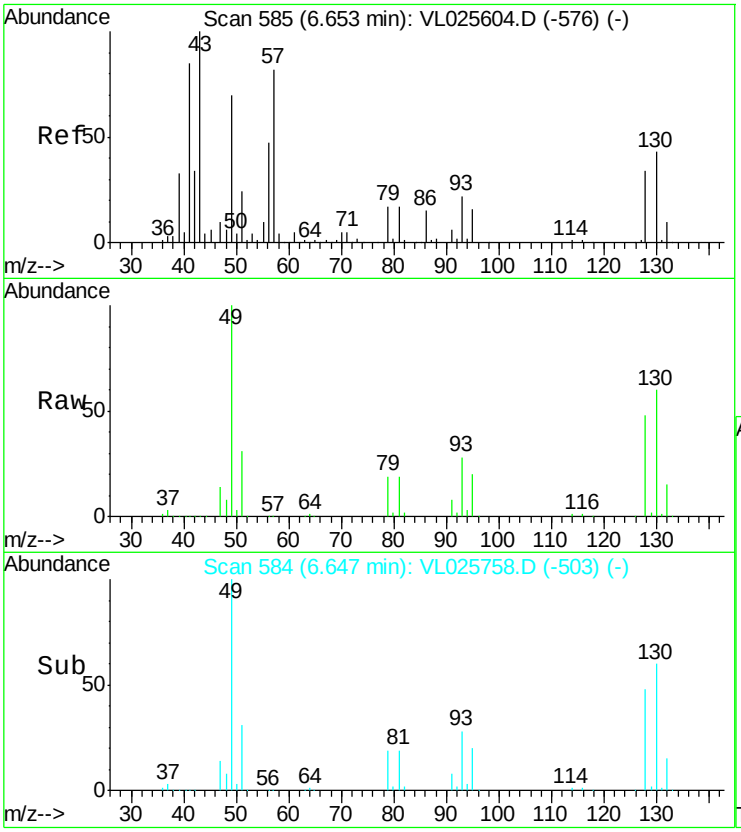
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration



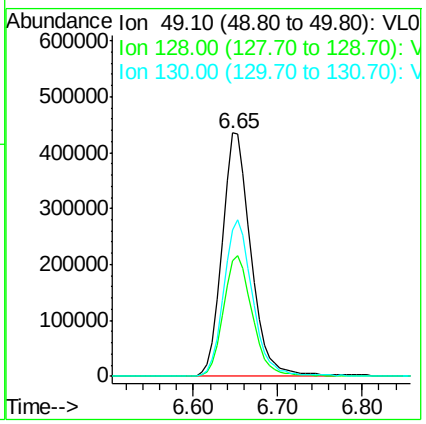


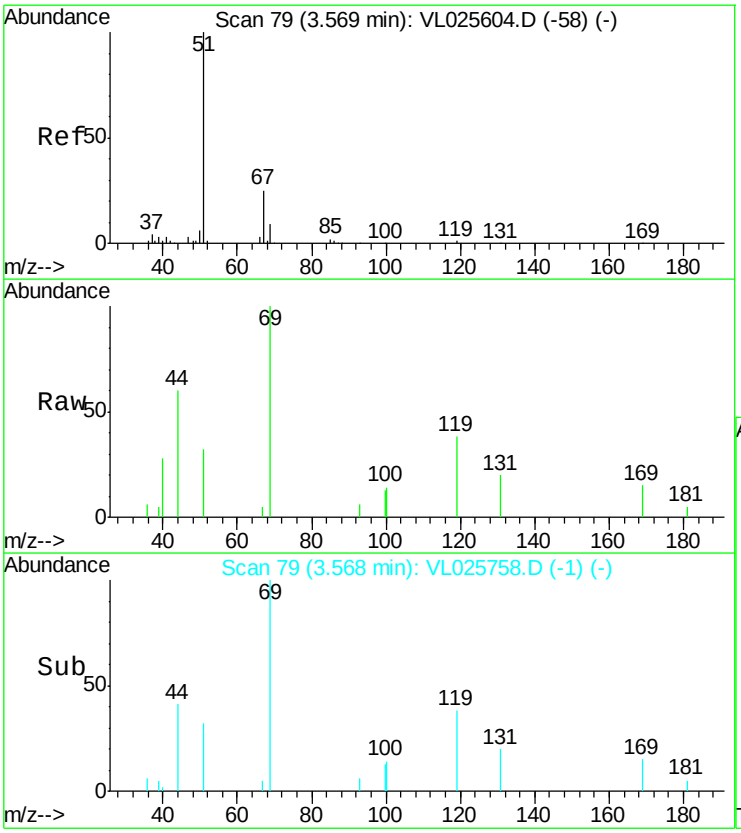
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.65 min Scan# 584
Delta R.T. -0.01 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Instrument :
MSVOA_L
ClientSampleId :
A-221-BDL

Tgt Ion: 49 Resp: 1018765

Ion	Ratio	Lower	Upper
49	100		
128	50.3	25.4	76.0
130	64.9	31.9	95.9

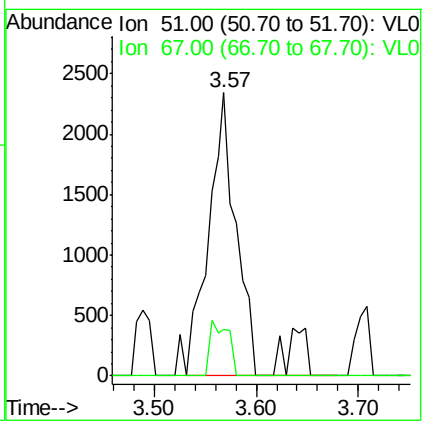


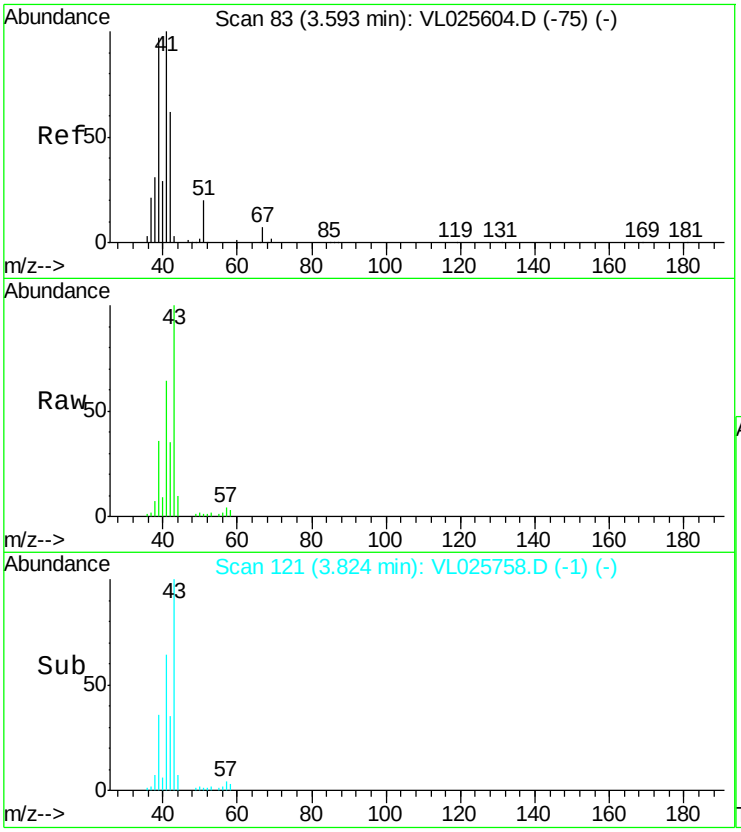


#3
Chlorodifluoromethane
Concen: 0.03 ppbv
RT: 3.57 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Tgt Ion: 51 Resp: 4881

Ion	Ratio	Lower	Upper
51	100		
67	11.9	19.5	29.3#



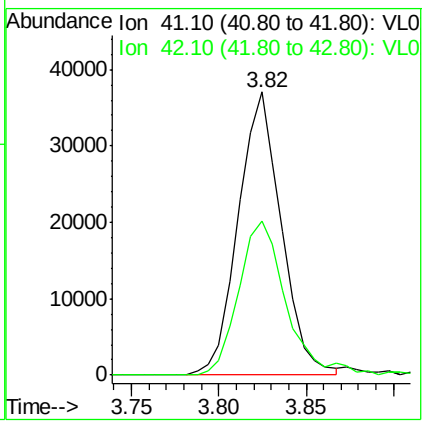


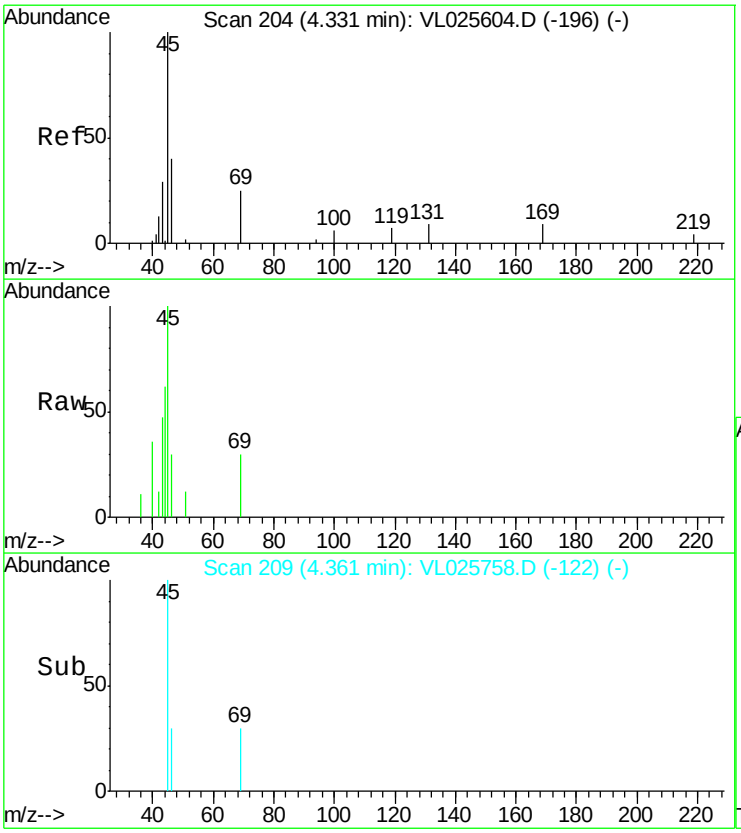
#9
Propene
Concen: 1.33 ppbv
RT: 3.82 min Scan# 121
Delta R.T. 0.23 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Instrument :
MSVOA_L
ClientSampleId :
A-221-BDL

Tgt Ion: 41 Resp: 63526

Ion	Ratio	Lower	Upper
41	100		
42	60.5	52.4	78.6

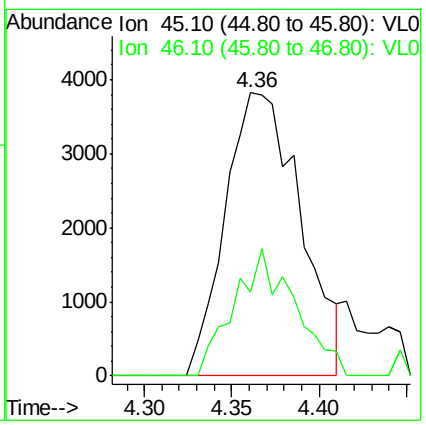


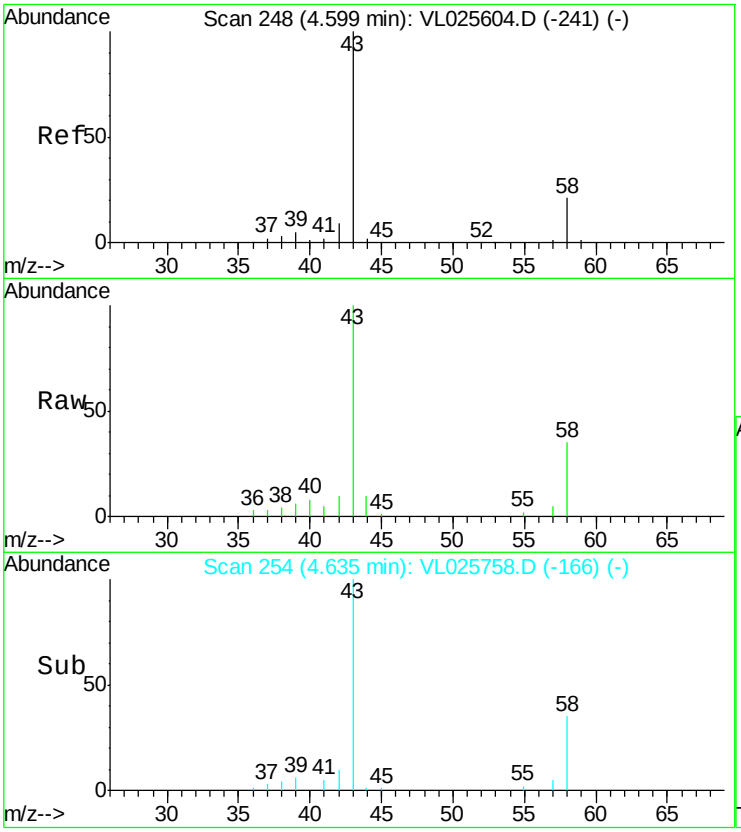


#13
Ethanol
Concen: 1.54 ppbv
RT: 4.36 min Scan# 209
Delta R.T. 0.03 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Tgt Ion: 45 Resp: 11431

Ion	Ratio	Lower	Upper
45	100		
46	37.5	16.0	64.0



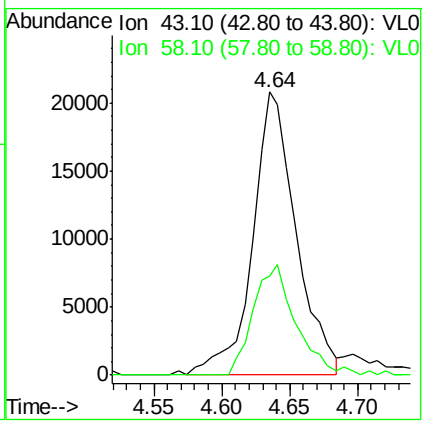


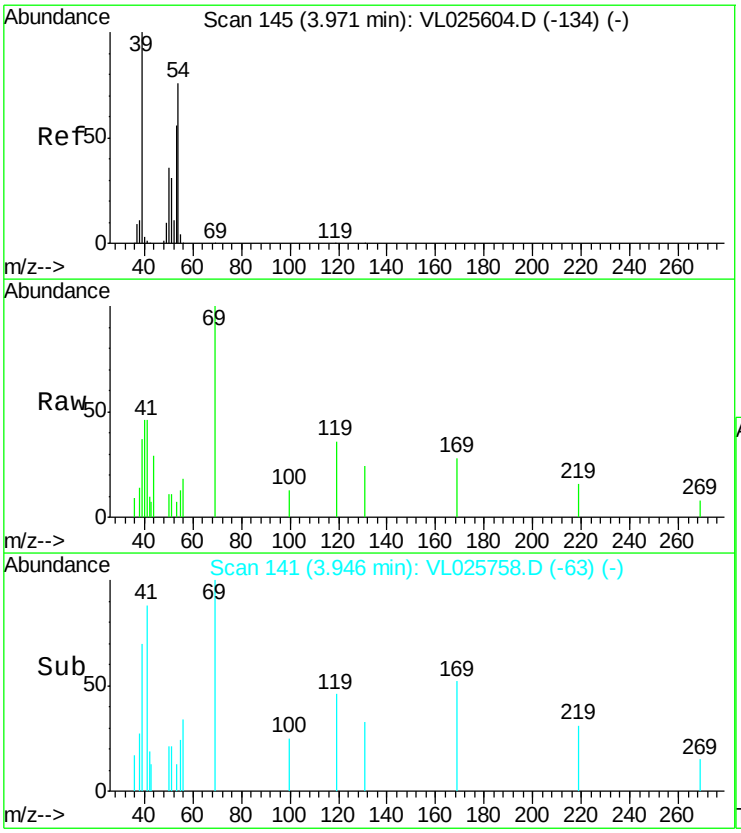
#15
Acetone
Concen: 0.26 ppbv
RT: 4.64 min Scan# 254
Delta R.T. 0.04 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Instrument : MSVOA_L
ClientSampleId : A-221-BDL

Tgt Ion: 43 Resp: 46676

Ion	Ratio	Lower	Upper
43	100		
58	38.6	17.2	25.8#

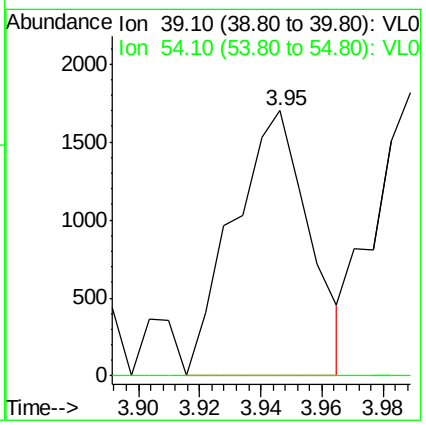


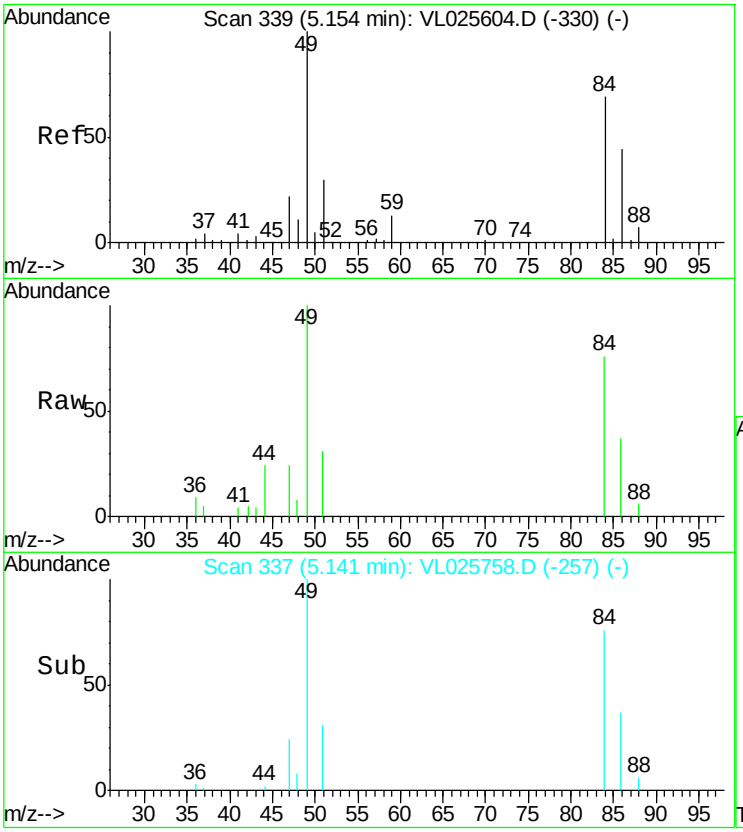


#16
1,3-Butadiene
Concen: 0.04 ppbv
RT: 3.95 min Scan# 141
Delta R.T. -0.02 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Tgt Ion: 39 Resp: 2927

Ion	Ratio	Lower	Upper
39	100		
54	0.0	59.3	88.9#



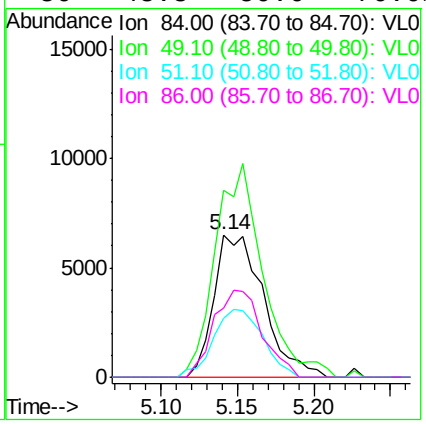


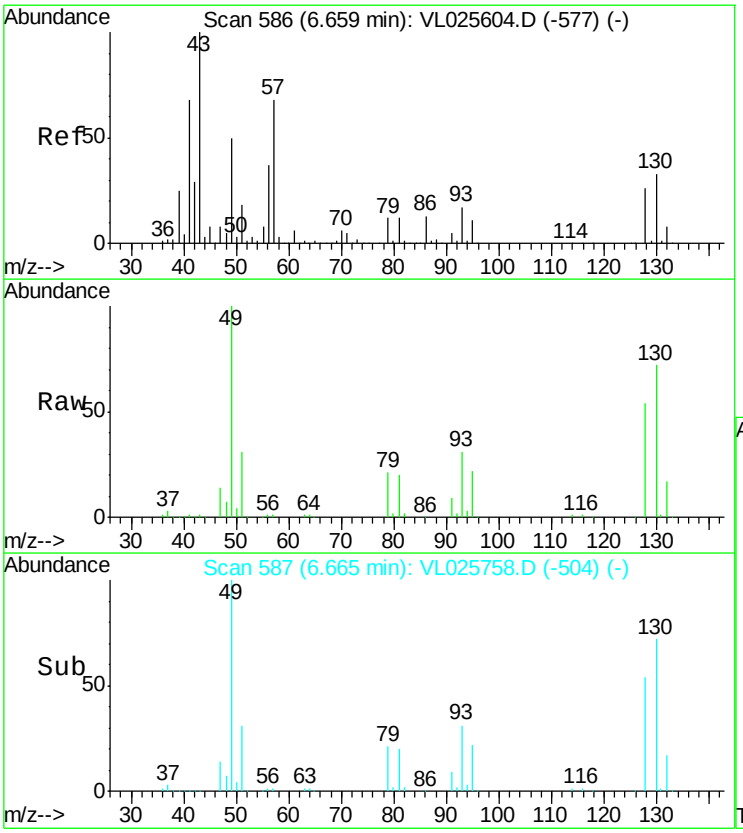
#20
Methylene Chloride
Concen: 0.20 ppbv
RT: 5.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Instrument : MSVOA_L
ClientSampleId : A-221-BDL

Tgt Ion: 84 Resp: 14645

Ion	Ratio	Lower	Upper
84	100		
49	131.7	115.2	172.8
51	41.0	35.0	52.6
86	48.8	50.6	76.0#

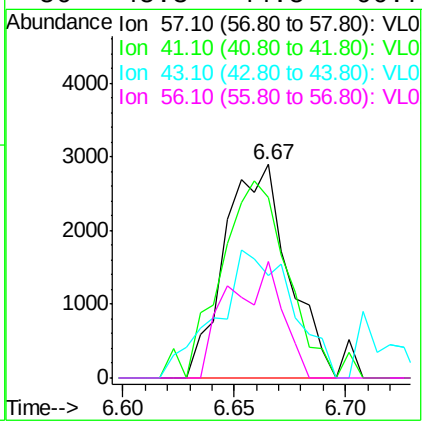


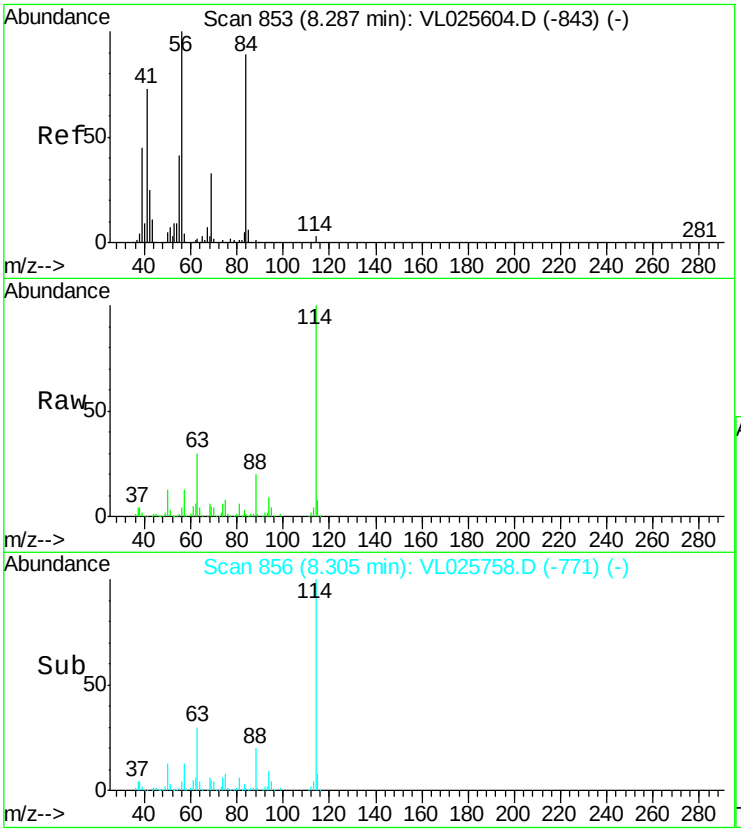


#26
Hexane
Concen: 0.05 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.01 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Tgt Ion: 57 Resp: 5775

Ion	Ratio	Lower	Upper
57	100		
41	98.6	81.4	122.2
43	84.9	171.4	257.2#
56	45.3	44.5	66.7



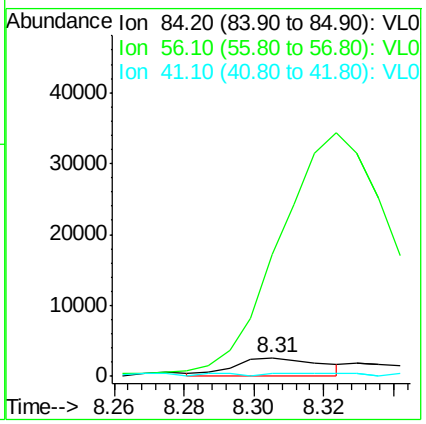


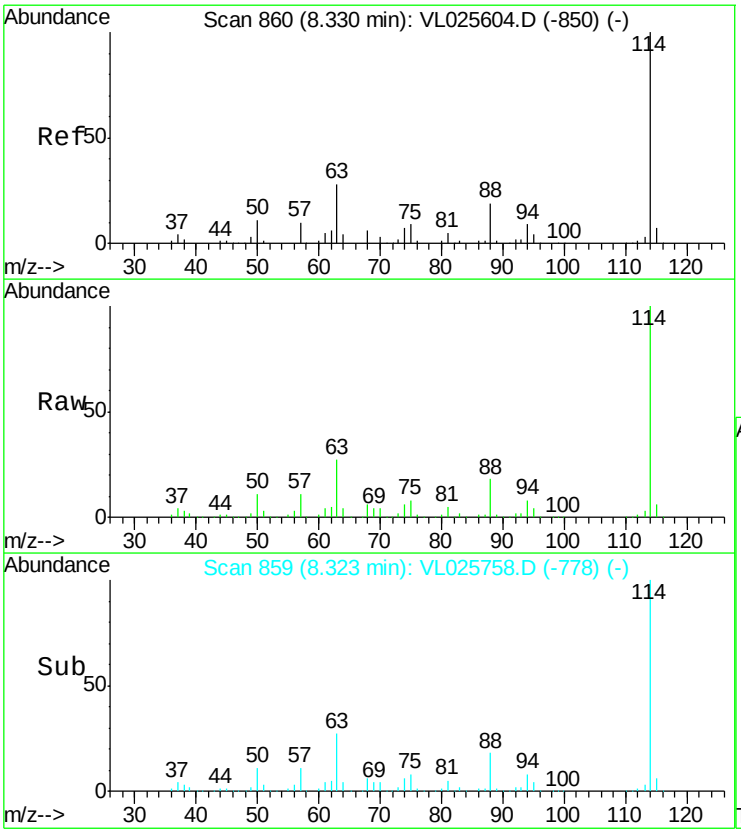
#30
Cyclohexane
Concen: 0.04 ppbv
RT: 8.31 min Scan# 856
Delta R.T. 0.02 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Instrument : MSVOA_L
ClientSampleId : A-221-BDL

Tgt Ion: 84 Resp: 4593

Ion	Ratio	Lower	Upper
84	100		
56	0.0	97.5	146.3#
41	0.0	65.4	98.2#

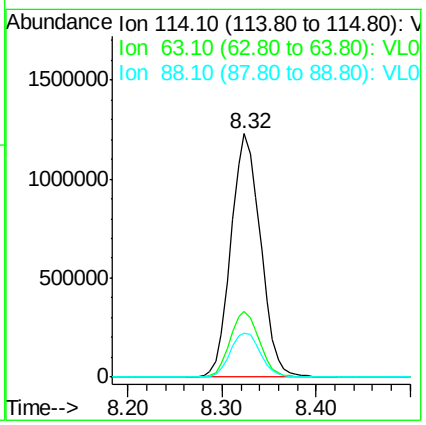


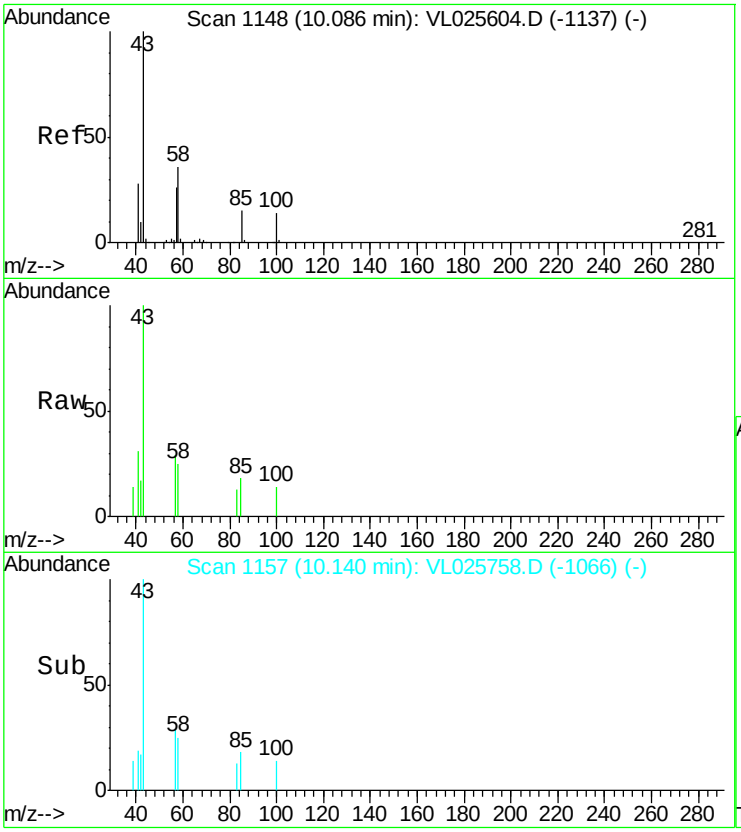


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.32 min Scan# 859
Delta R.T. -0.01 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Tgt Ion:114 Resp: 2692425

Ion	Ratio	Lower	Upper
114	100		
63	26.9	22.4	33.6
88	18.7	15.0	22.4



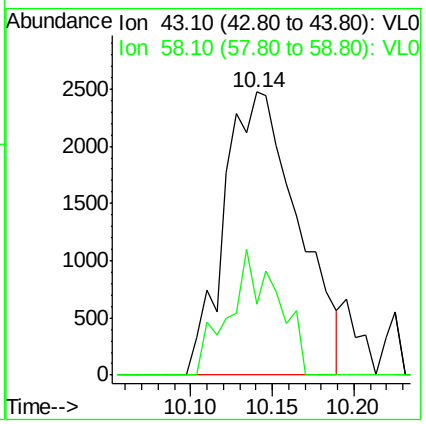


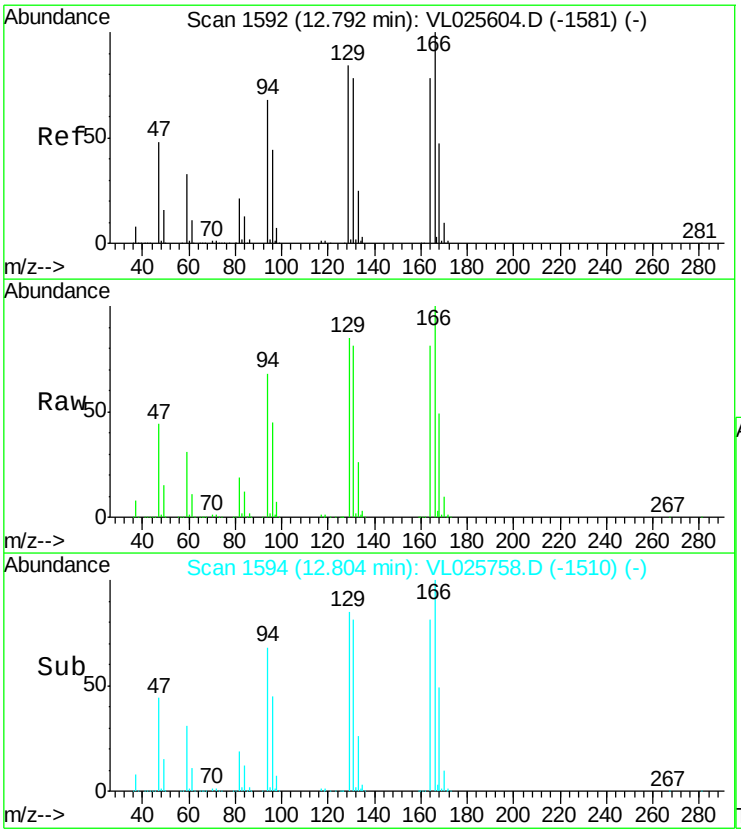
#50
4-Methyl-2-Pentanone
Concen: 0.04 ppbv
RT: 10.14 min Scan# 1157
Delta R.T. 0.05 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Instrument : MSVOA_L
ClientSampleId : A-221-BDL

Tgt Ion: 43 Resp: 7767

Ion	Ratio	Lower	Upper
43	100		
58	29.4	28.5	42.7

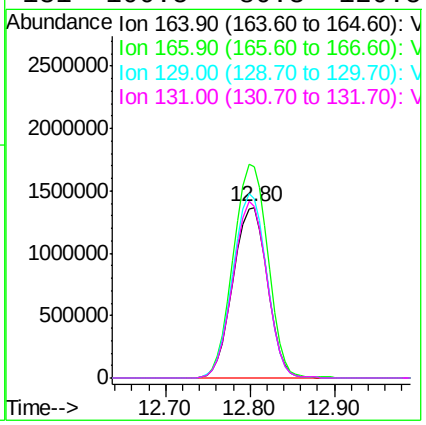


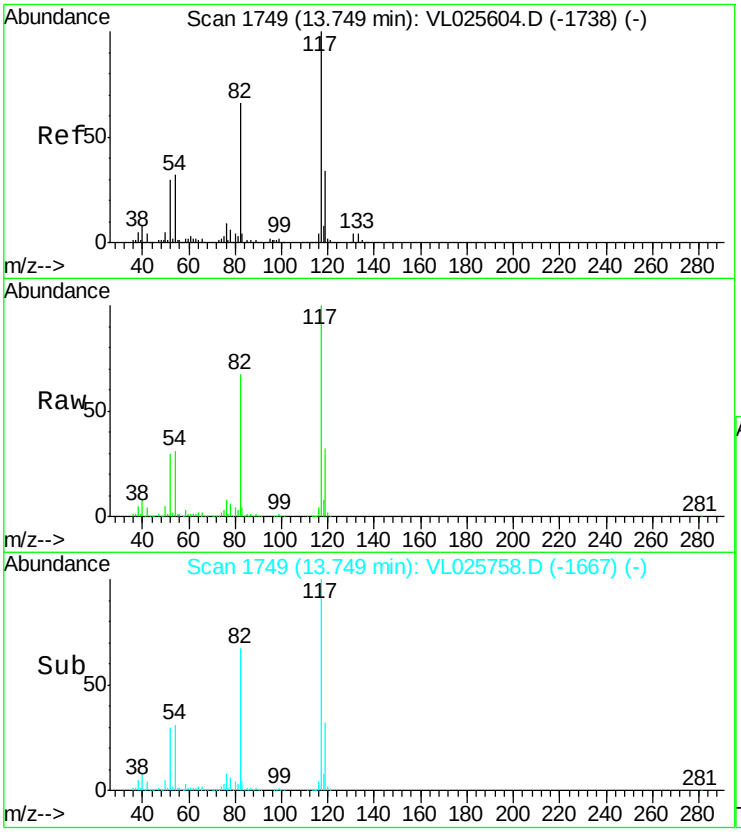


#52
Tetrachloroethene
Concen: 29.34 ppbv
RT: 12.80 min Scan# 1594
Delta R.T. 0.01 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Tgt Ion:164 Resp: 3794563

Ion	Ratio	Lower	Upper
164	100		
166	124.1	102.3	153.5
129	105.3	86.2	129.4
131	100.5	80.3	120.5



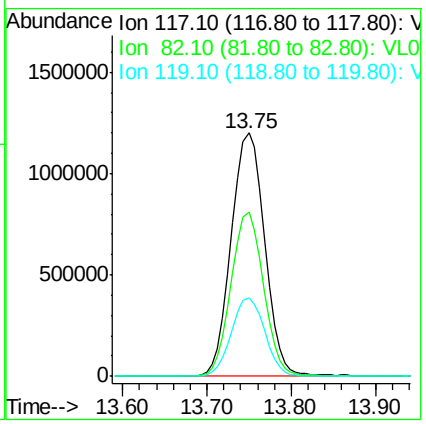


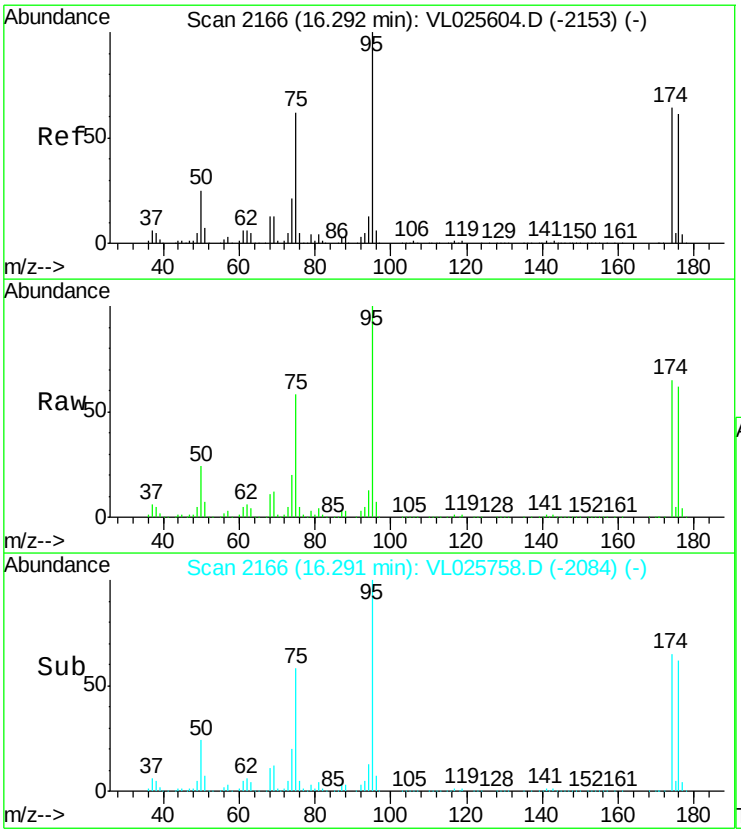
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.75 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Instrument :
MSVOA_L
ClientSampleId :
A-221-BDL

Tgt Ion:117 Resp: 3241149

Ion	Ratio	Lower	Upper
117	100		
82	66.2	50.5	75.7
119	32.6	45.1	67.7#

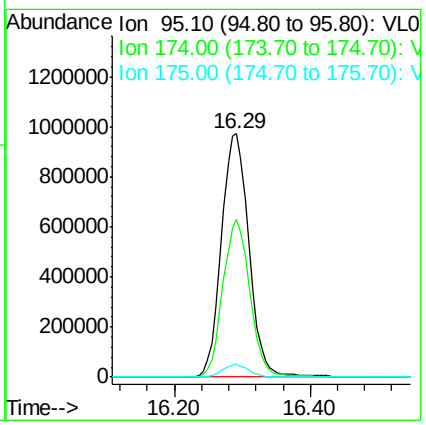


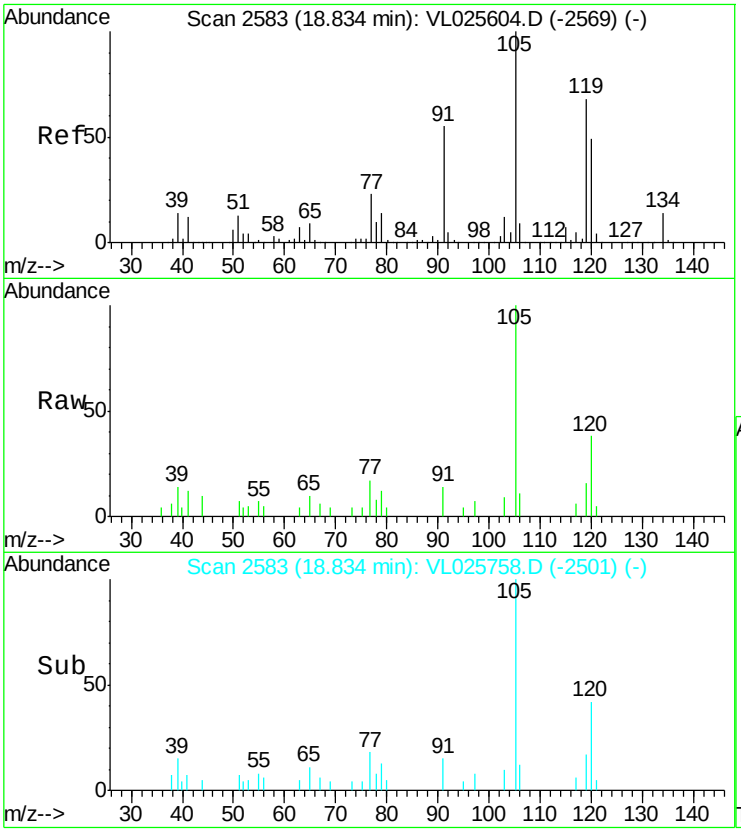


#68
1-Bromo-4-Fluorobenzene
Concen: 10.01 ppbv
RT: 16.29 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Tgt Ion: 95 Resp: 2736358

Ion	Ratio	Lower	Upper
95	100		
174	64.2	52.0	78.0
175	5.0	3.9	5.9





#74
1,2,4-Trimethylbenzene
Concen: 0.04 ppbv
RT: 18.83 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VL025758.D
Acq: 27 Jul 2015 18:13

Instrument :
MSVOA_L
ClientSampleId :
A-221-BDL

Tgt Ion:105 Resp: 22732

Ion	Ratio	Lower	Upper
105	100		
120	38.2	39.3	58.9#
91	13.5	43.8	65.6#
77	16.7	18.3	27.5#