Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL100915\
Data File : VL026185.D
Acq On : 9 Oct 2015 20:56
Operator : SY/MD
Sample : G3973-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 04:34:51 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 0
QLast Update : Fri Oct 09 16:23:14 2015
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : SS-1DUP

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.67	49	722125	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.40	114	563651	10.00	ppbv		0.07
55) Chlorobenzene-d5	14.07	117	390778	10.00	ppbv		0.31
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.66	95	1628	0.05	ppbv		0.36
Spiked Amount 10.000	Range 65 - 135		Recovery = 0.50%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.64	85	41851	0.31	ppbv		96
3) Chlorodifluoromethane	3.56	51	125369m	1.49	ppbv		
4) Chloromethane	3.75	50	13735	0.29	ppbv		95
6) Bromomethane	4.15	94	3896	0.11	ppbv		93
9) Propene	3.59	41	248257	6.41	ppbv		98
10) Heptane	9.37	43	38277	0.28	ppbv	#	26
11) Trichlorofluoromethane	4.71	101	32275	0.24	ppbv		97
13) Ethanol	4.34	45	178664	31.37	ppbv		97
19) Isopropyl Alcohol	4.78	45	168327	4.63	ppbv	#	94
26) Hexane	6.78	57	39041562m	446.63	ppbv		
30) Cyclohexane	8.41	84	40859240	490.59	ppbv	#	73
36) Benzene	8.11	78	36072113	669.14	ppbv	#	54
58) Ethyl Benzene	14.70	91	47385121	834.81	ppbv	#	52
59) m/p-Xylene	14.97	91	51692569m	1134.81	ppbv		
60) o-Xylene	15.71	91	20073254m	420.51	ppbv		

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

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QLast Update : Fri Oct 09 16:23:14 2015
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations APPROVED
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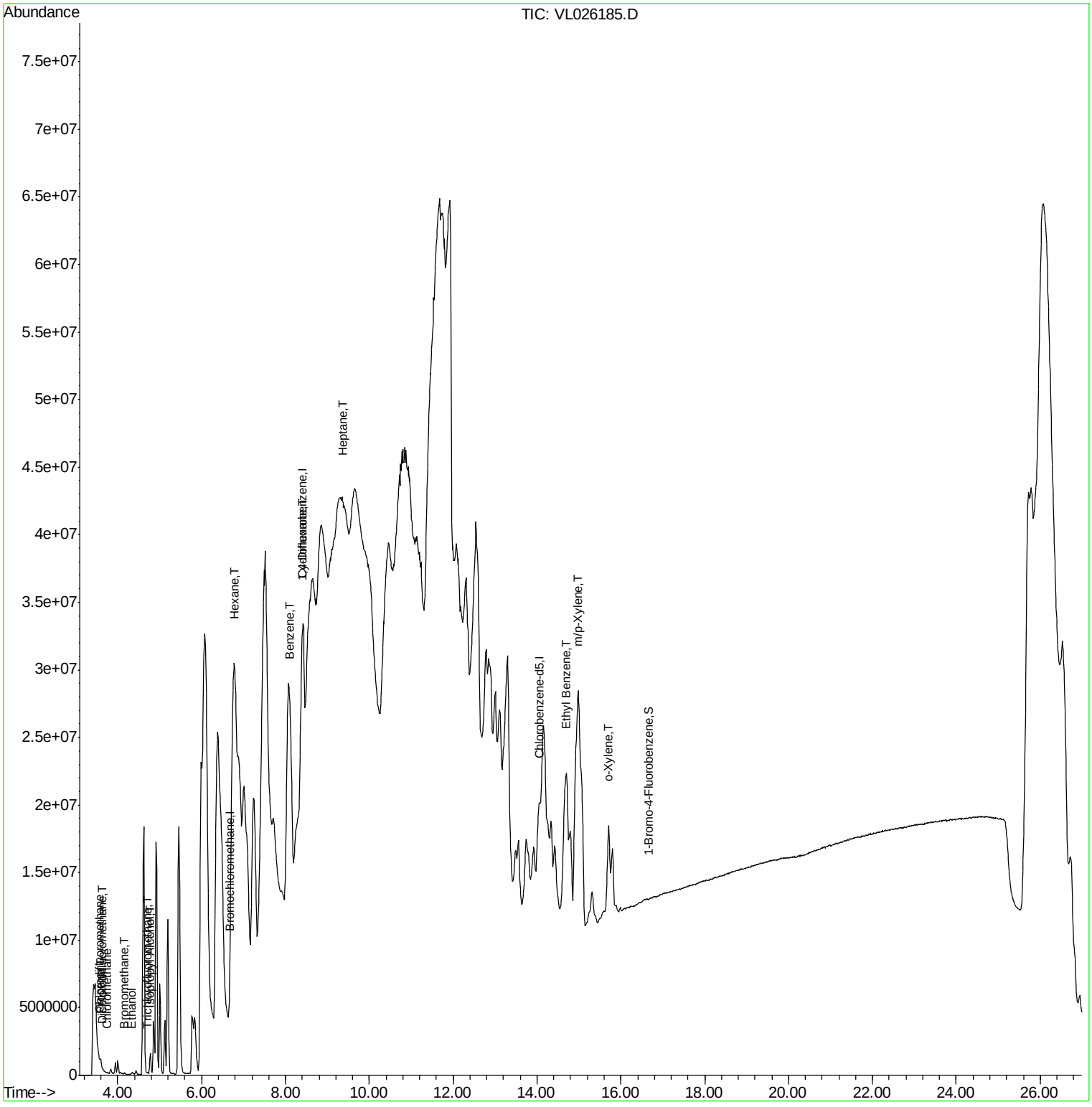
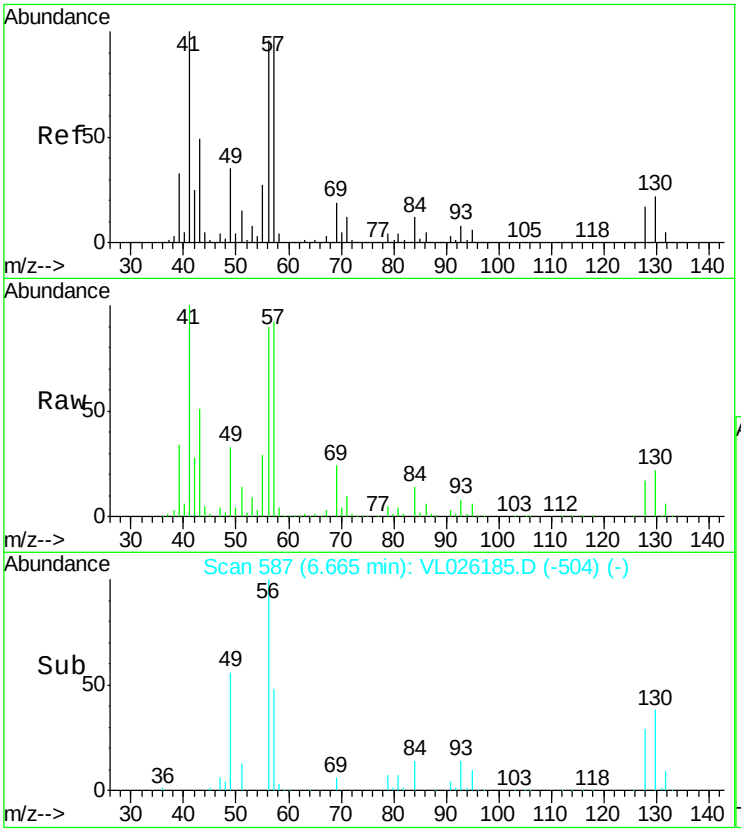
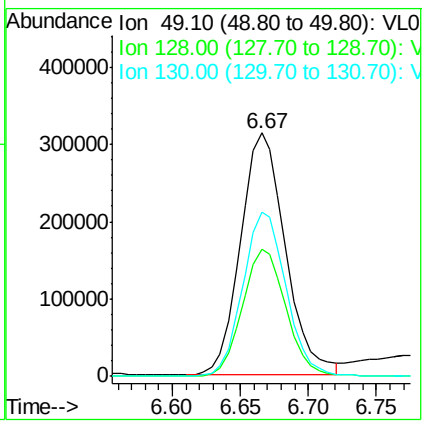




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.01 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 49 Resp: 722125

Ion	Ratio	Lower	Upper
49	100		
128	51.4	26.3	78.8
130	65.8	34.2	102.5



Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations APPROVED
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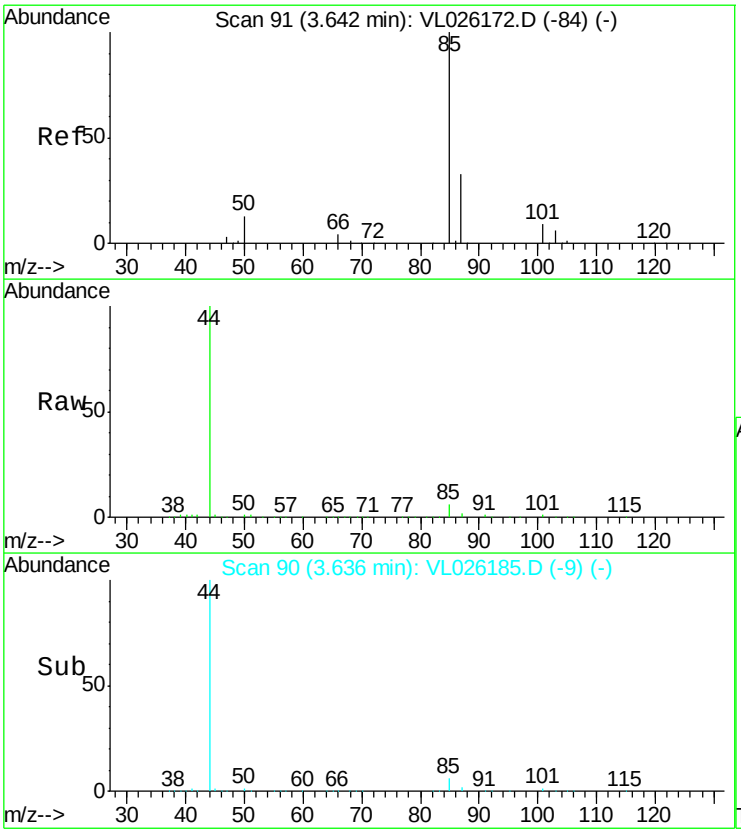
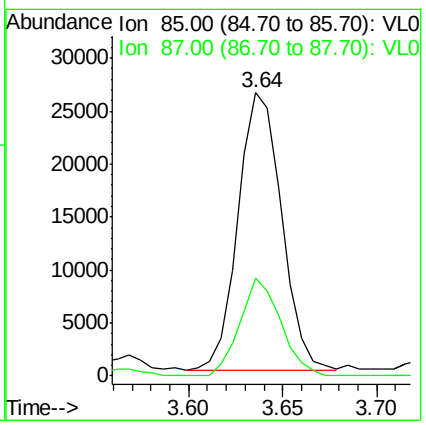
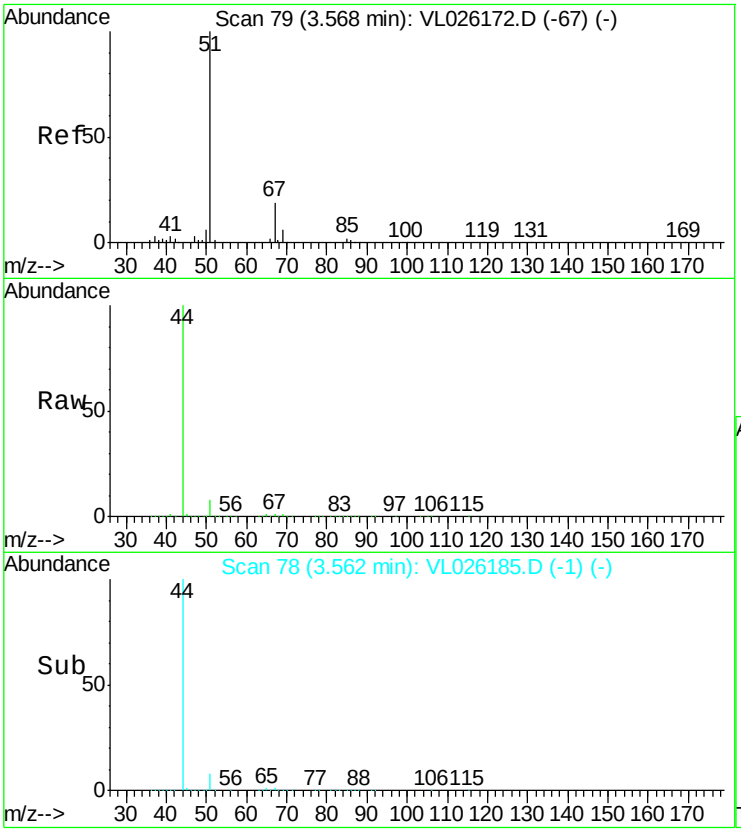


#2
Dichlorodifluoromethane
Concen: 0.31 ppbv
RT: 3.64 min Scan# 90
Delta R.T. -0.01 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 85 Resp: 41851

Ion	Ratio	Lower	Upper
85	100		
87	35.2	26.2	39.4

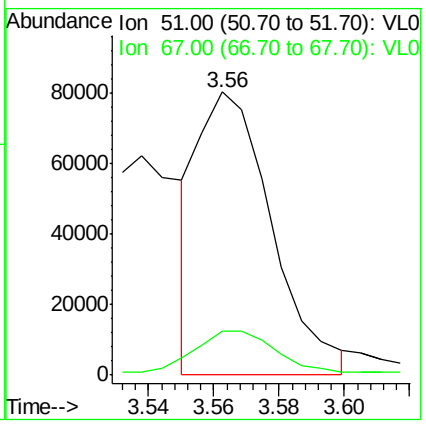




#3
Chlorodifluoromethane
Concen: 1.49 ppbv m
RT: 3.56 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 51 Resp: 125369

Ion	Ratio	Lower	Upper
51	100		
67	19.4	14.9	22.3



Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations APPROVED
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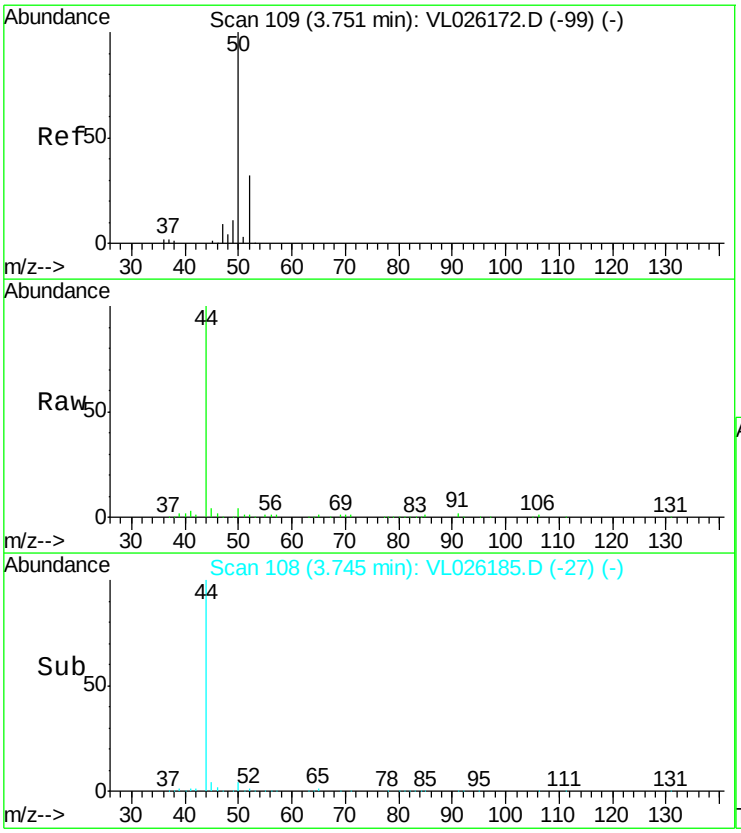
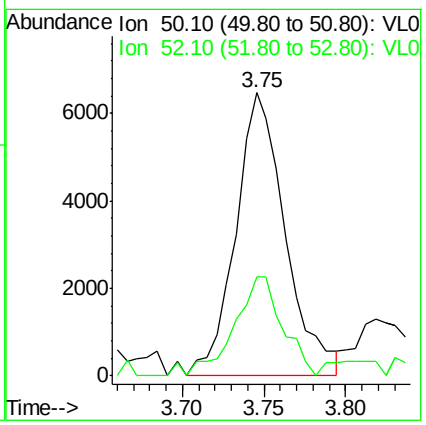
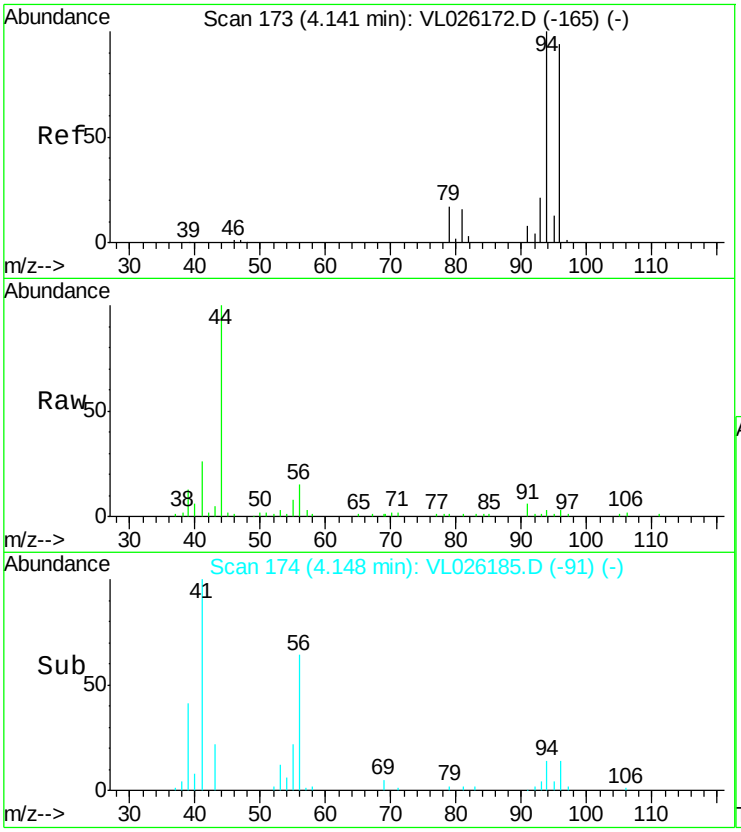


#4
Chloromethane
Concen: 0.29 ppbv
RT: 3.75 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 50 Resp: 13735

Ion	Ratio	Lower	Upper
50	100		
52	35.2	25.9	38.9

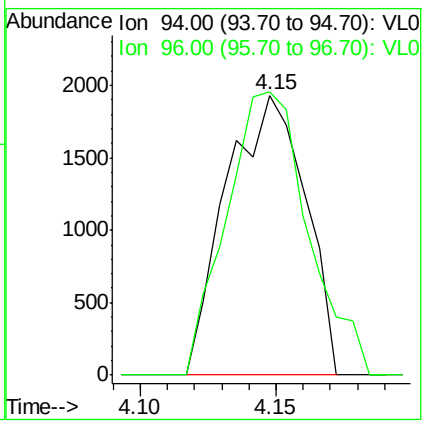




#6
Bromomethane
Concen: 0.11 ppbv
RT: 4.15 min Scan# 174
Delta R.T. 0.01 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 94 Resp: 3896

Ion	Ratio	Lower	Upper
94	100		
96	101.1	75.4	113.2



Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations APPROVED
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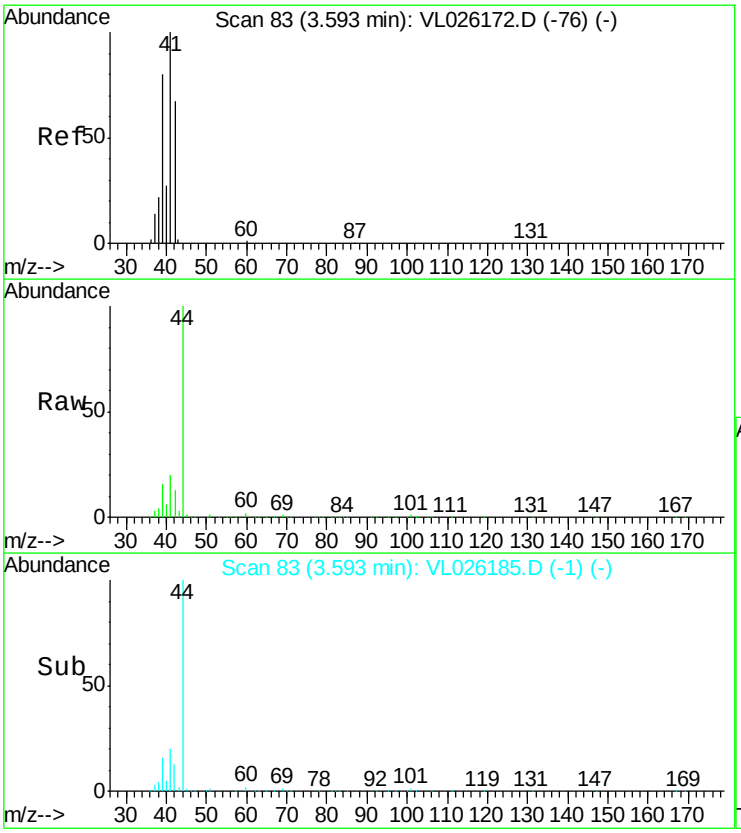
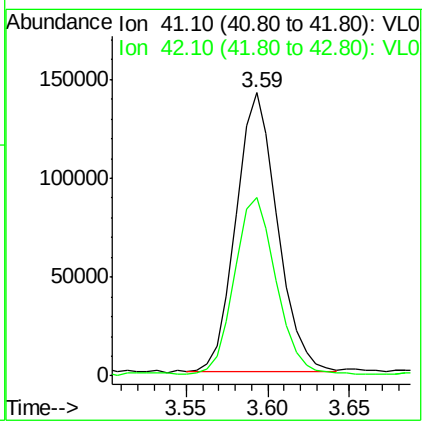
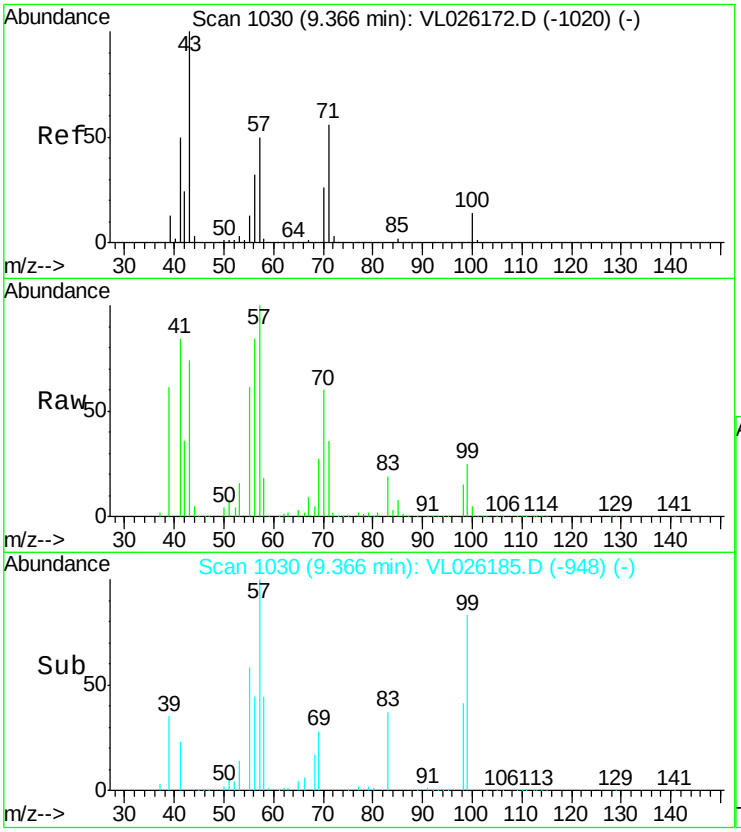


#9
Propene
Concen: 6.41 ppbv
RT: 3.59 min Scan# 83
Delta R.T. 0.00 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 41 Resp: 248257

Ion	Ratio	Lower	Upper
41	100		
42	68.9	53.6	80.4

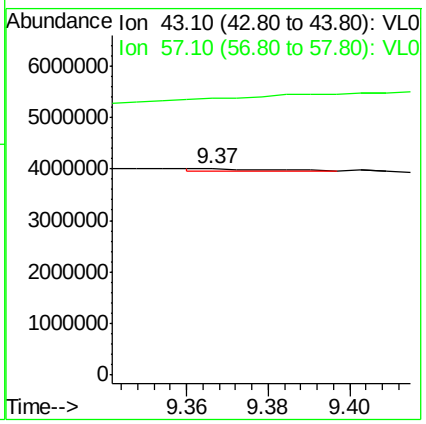




#10
Heptane
Concen: 0.28 ppbv
RT: 9.37 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 43 Resp: 38277

Ion	Ratio	Lower	Upper
43	100		
57	0.0	41.8	62.8#



Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations APPROVED
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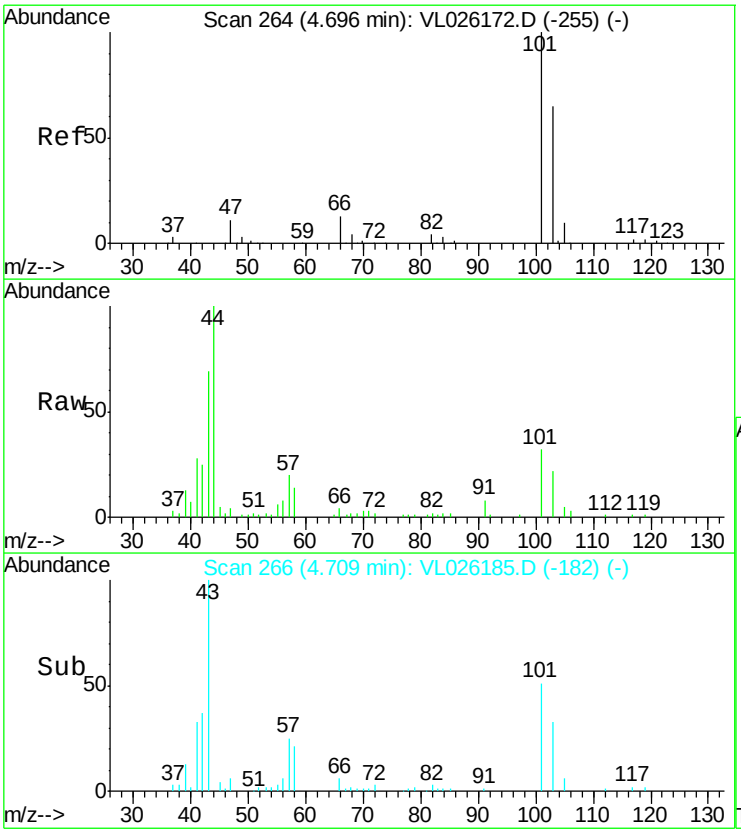
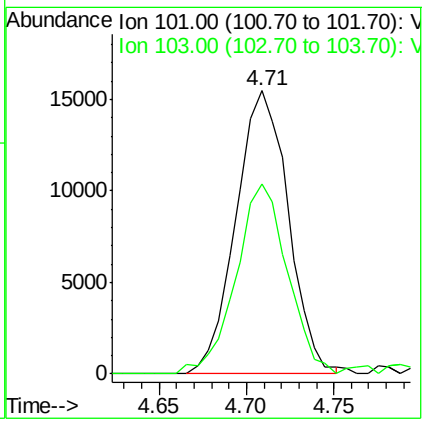
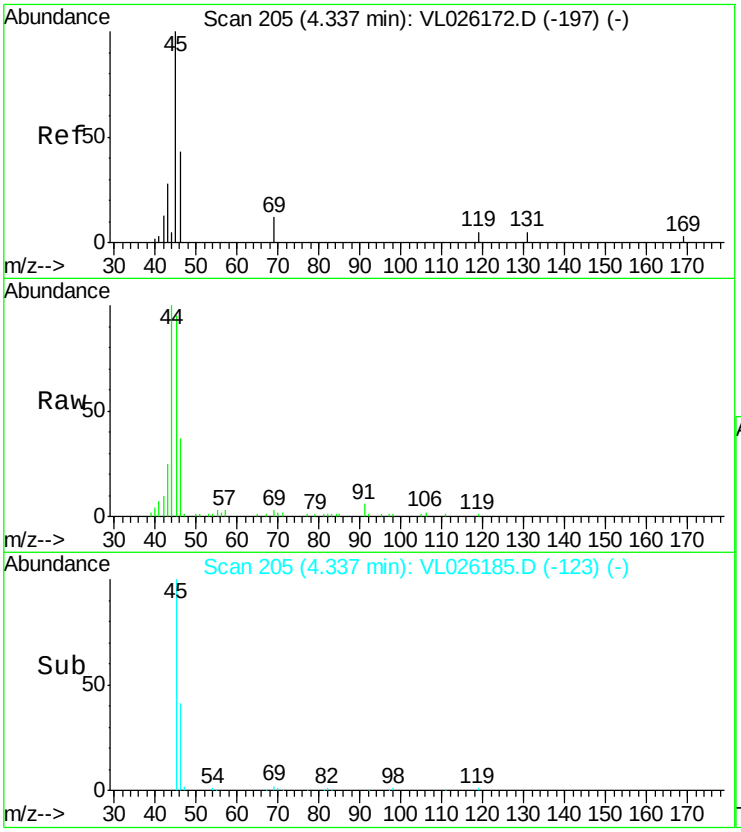


#11
Trichlorofluoromethane
Concen: 0.24 ppbv
RT: 4.71 min Scan# 266
Delta R.T. 0.01 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion:101 Resp: 32275

Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.9	77.9

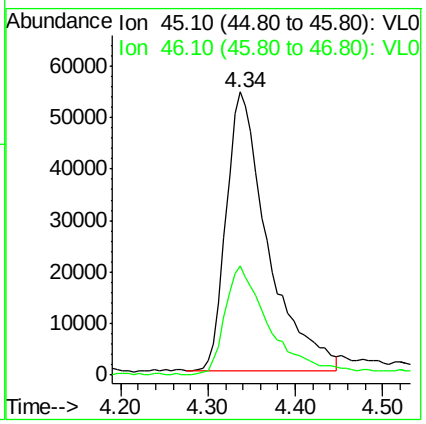




#13
Ethanol
Concen: 31.37 ppbv
RT: 4.34 min Scan# 205
Delta R.T. 0.00 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 45 Resp: 178664

Ion	Ratio	Lower	Upper
45	100		
46	47.1	18.1	72.5



Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations APPROVED
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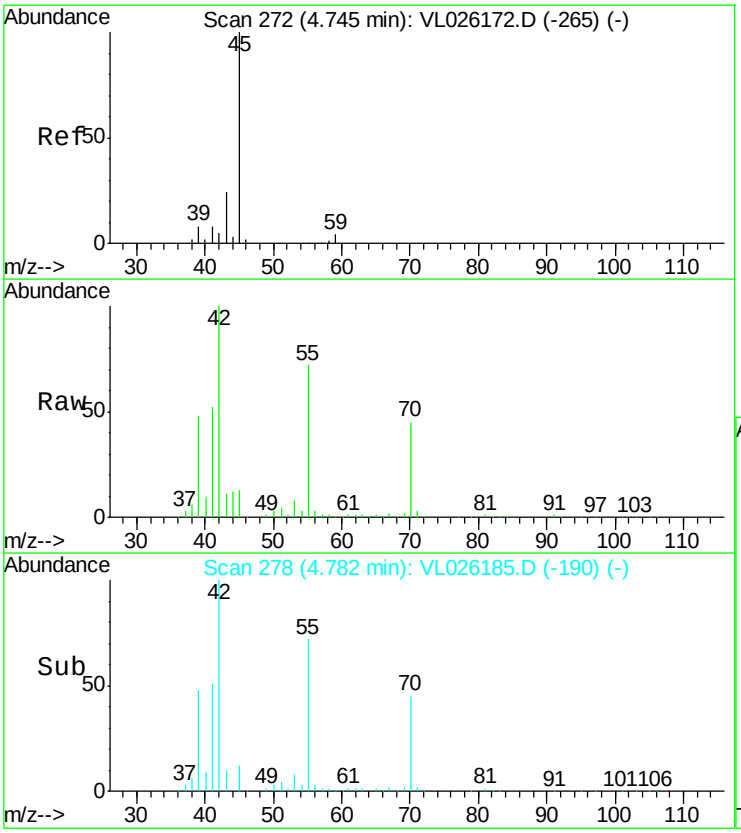
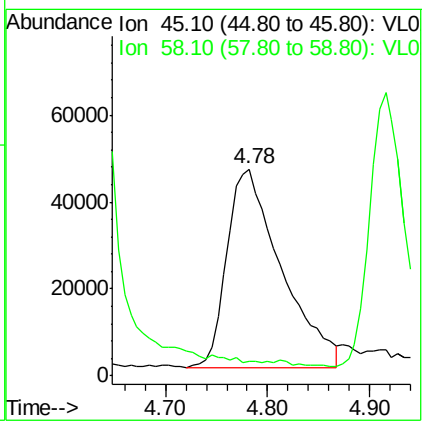
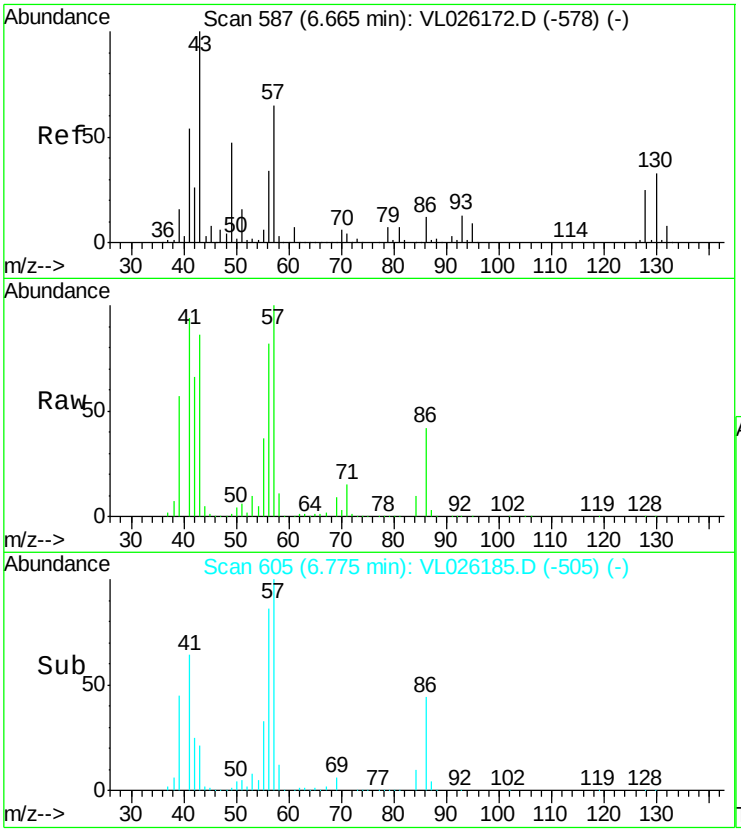


#19
Isopropyl Alcohol
Concen: 4.63 ppbv
RT: 4.78 min Scan# 278
Delta R.T. 0.04 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 45 Resp: 168327

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.7	2.5#

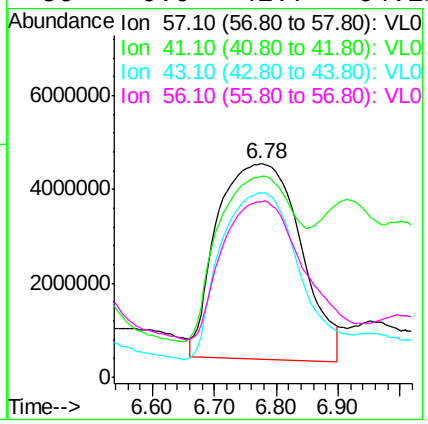




#26
Hexane
Concen: 446.63 ppbv m
RT: 6.78 min Scan# 605
Delta R.T. 0.11 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 57 Resp:39041562

Ion	Ratio	Lower	Upper
57	100		
41	0.0	68.0	102.0#
43	0.0	164.4	246.6#
56	0.0	42.7	64.1#



Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations APPROVED
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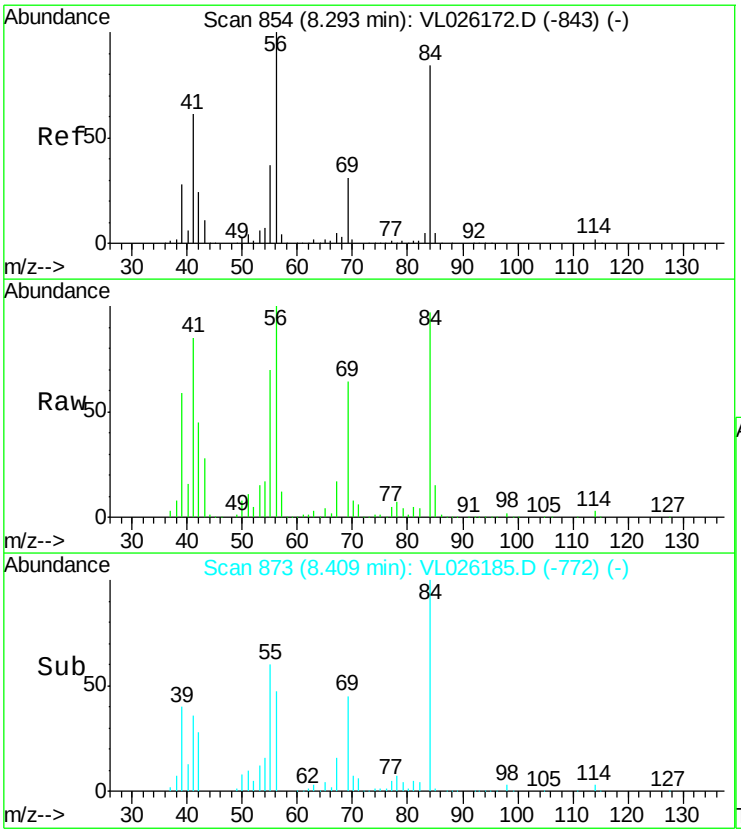
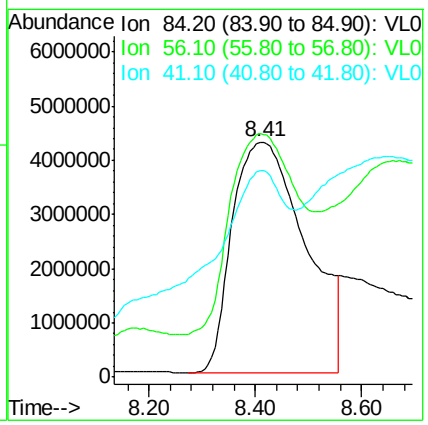
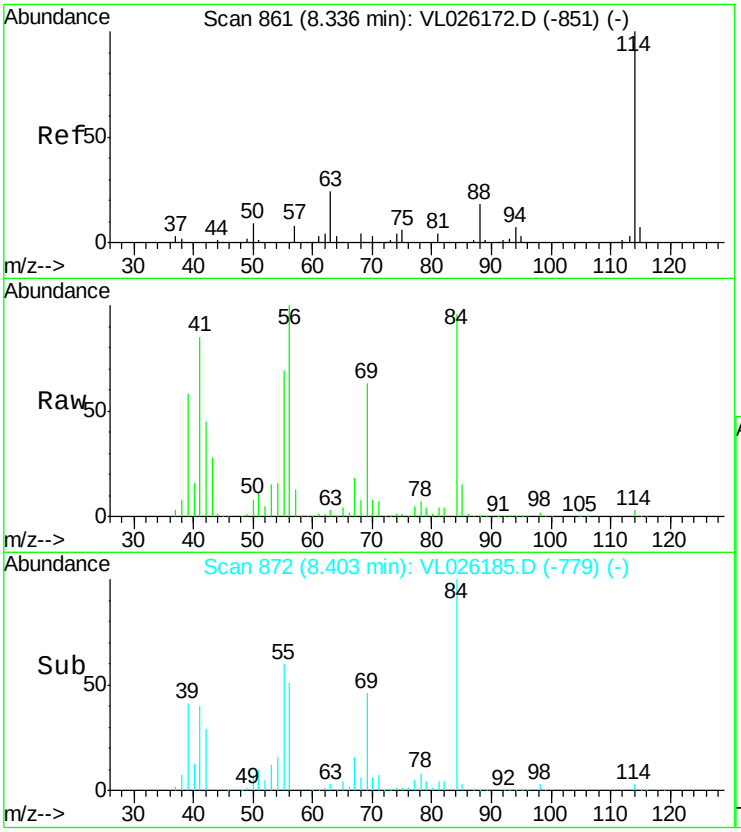


#30
Cyclohexane
Concen: 490.59 ppbv
RT: 8.41 min Scan# 873
Delta R.T. 0.12 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 84 Resp:40859240

Ion	Ratio	Lower	Upper
84	100		
56	81.5	99.8	149.8#
41	65.9	58.1	87.1

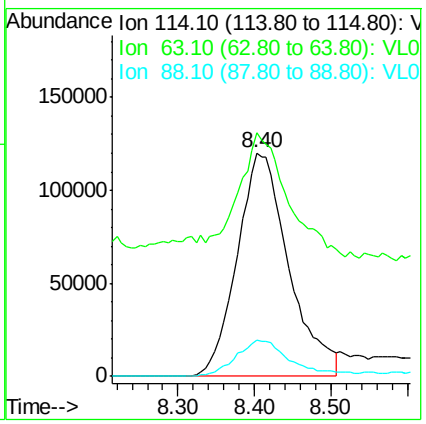




#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.40 min Scan# 872
Delta R.T. 0.07 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion:114 Resp: 563651

Ion	Ratio	Lower	Upper
114	100		
63	135.9	19.0	28.6#
88	17.3	13.8	20.8



Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations APPROVED
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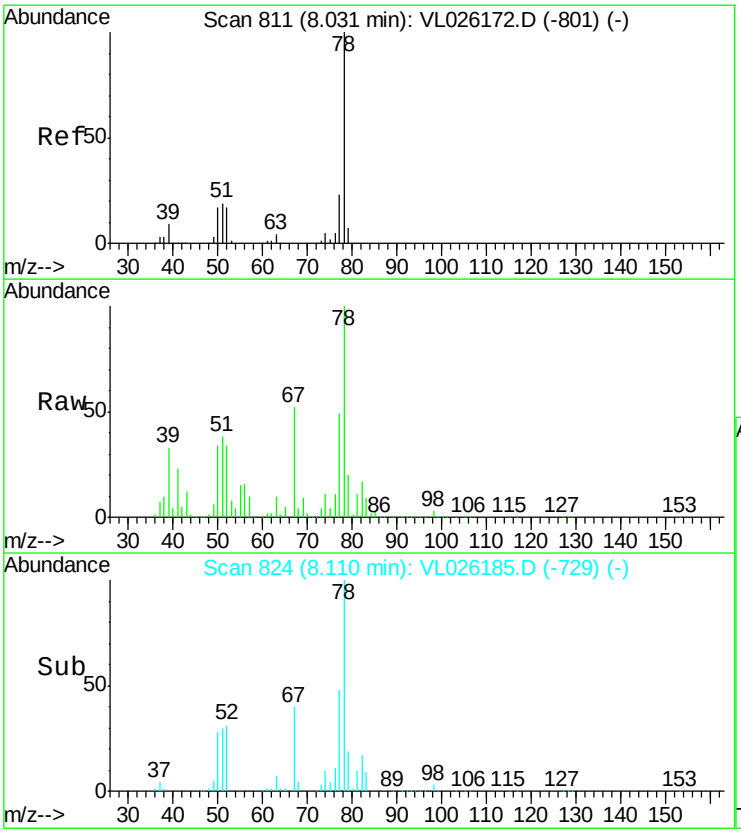
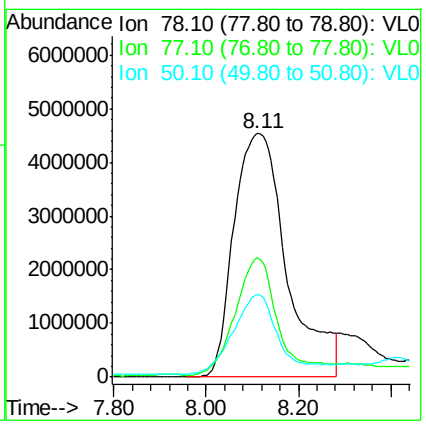
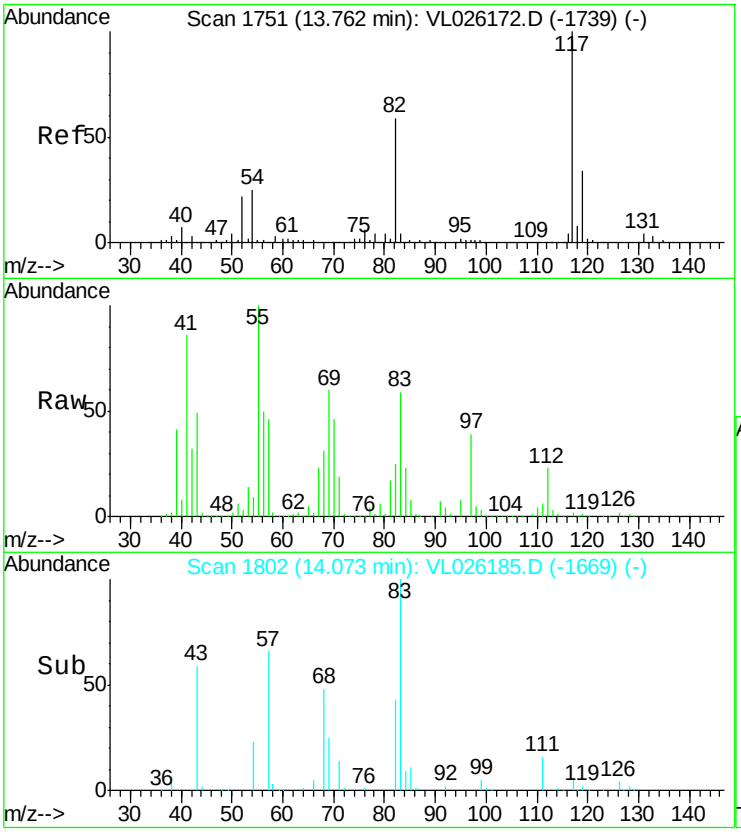


#36
Benzene
Concen: 669.14 ppbv
RT: 8.11 min Scan# 824
Delta R.T. 0.08 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 78 Resp:36072113

Ion	Ratio	Lower	Upper
78	100		
77	48.3	18.2	27.4#
50	32.8	13.4	20.2#





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 14.07 min Scan# 1802
Delta R.T. 0.31 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion:117 Resp: 390778

Ion	Ratio	Lower	Upper
117	100		
82	0.0	47.7	71.5#
119	32.7	43.7	65.5#

Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations APPROVED
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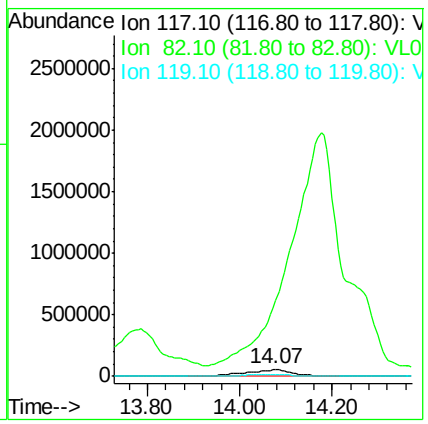
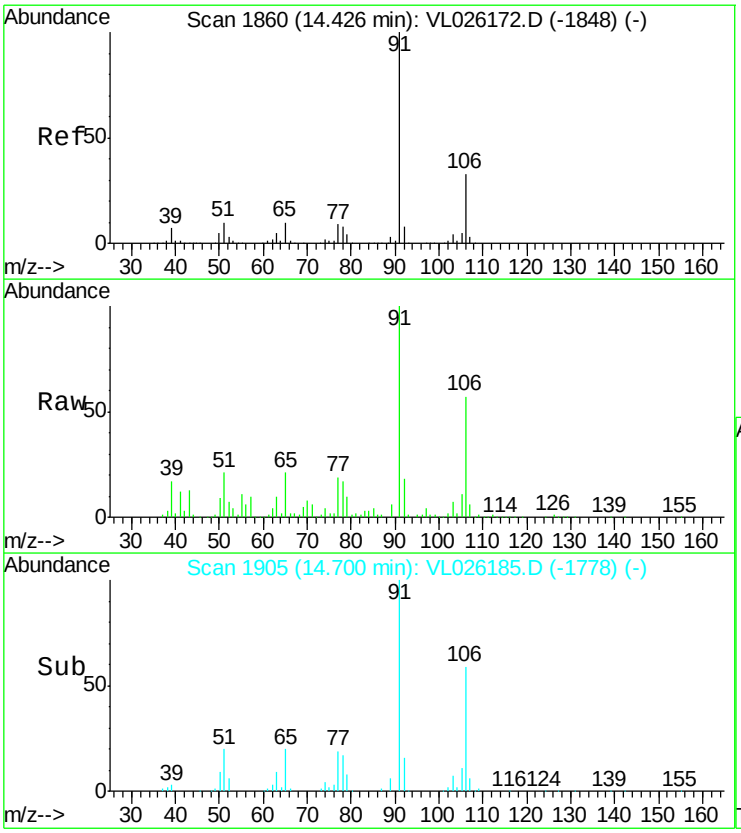
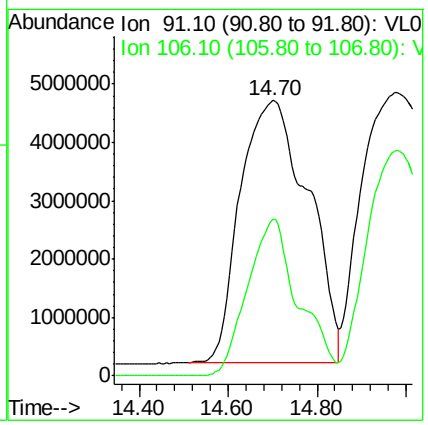


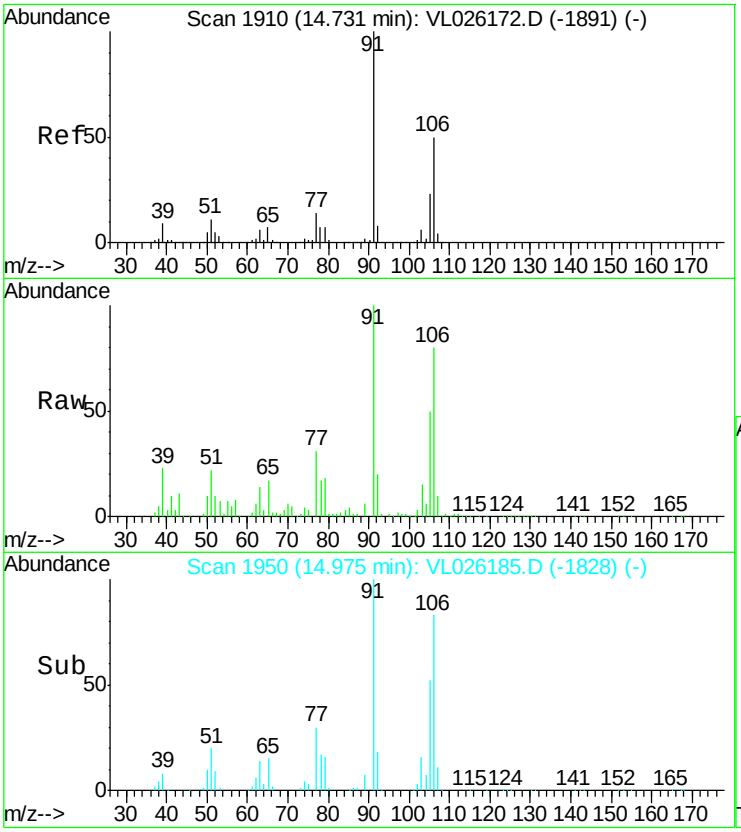


#58
Ethyl Benzene
Concen: 834.81 ppbv
RT: 14.70 min Scan# 1905
Delta R.T. 0.27 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 91 Resp:47385121

Ion	Ratio	Lower	Upper
91	100		
106	59.7	26.1	39.1#

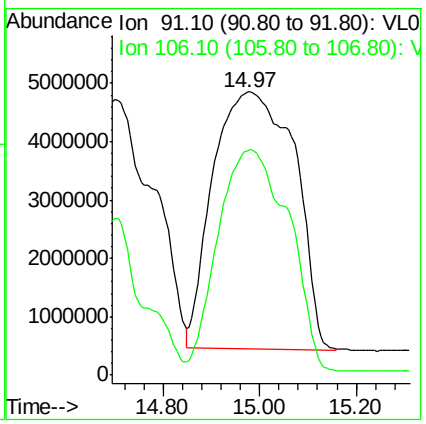




#59
m/p-Xylene
Concen: 1134.81 ppbv m
RT: 14.97 min Scan# 1950
Delta R.T. 0.24 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 91 Resp:51692569

Ion	Ratio	Lower	Upper
91	100		
106	0.0	40.2	60.4#



Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations APPROVED
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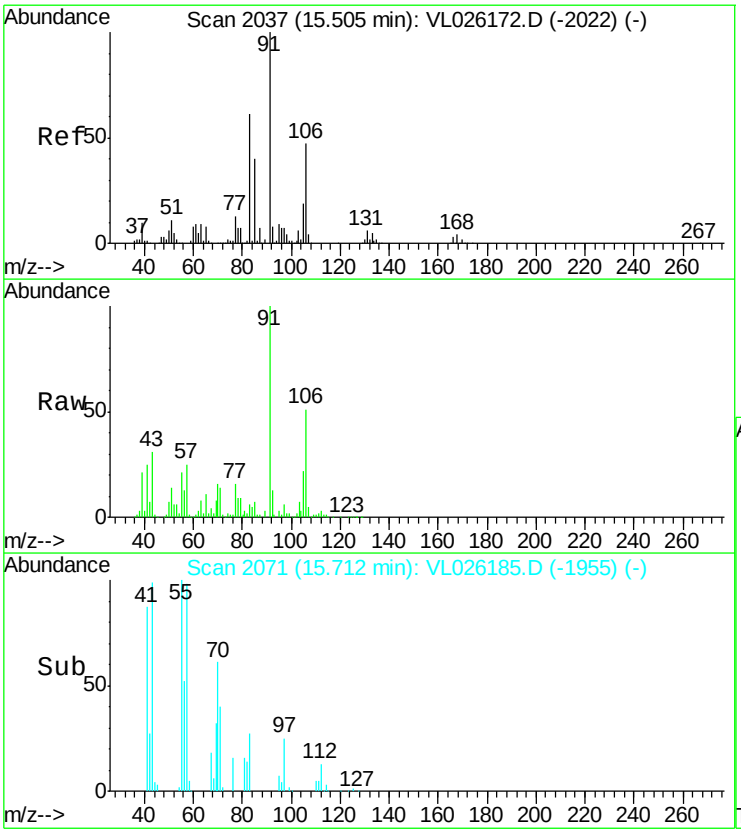
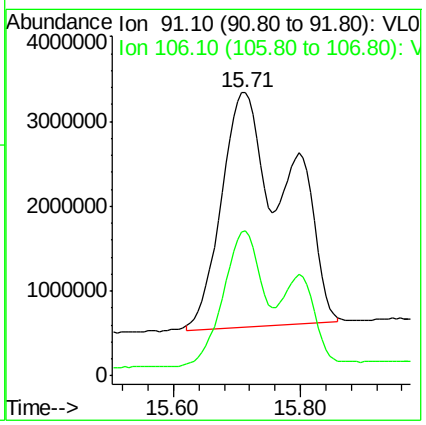
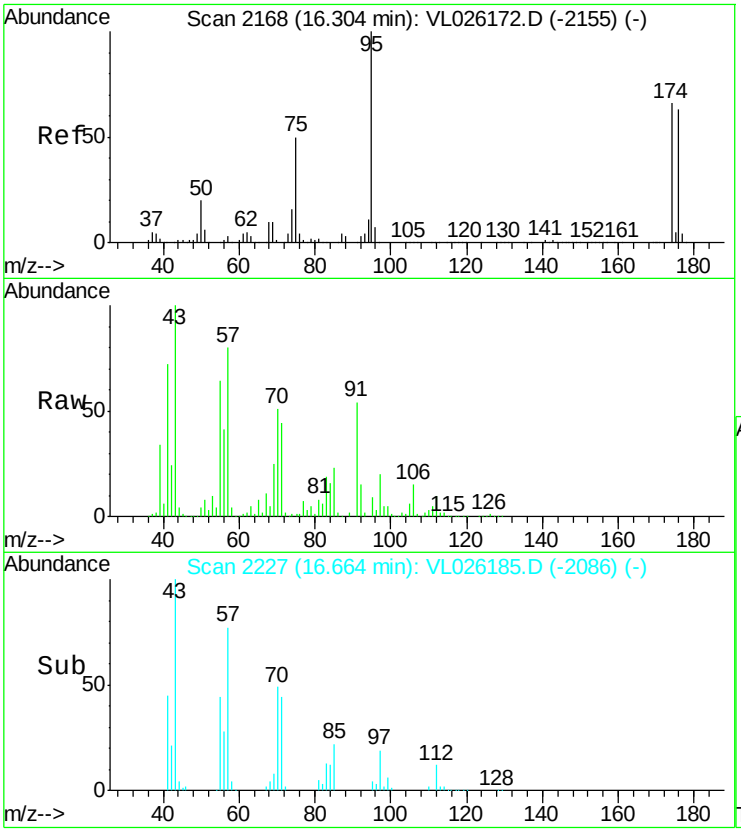


#60
o-Xylene
Concen: 420.51 ppbv m
RT: 15.71 min Scan# 2071
Delta R.T. 0.21 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 91 Resp:20073254

Ion	Ratio	Lower	Upper
91	100		
106	16.4	23.4	70.3#

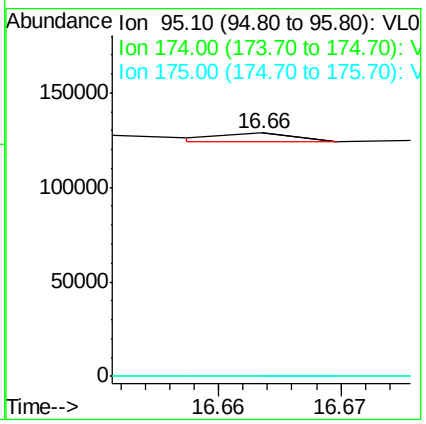




#68
1-Bromo-4-Fluorobenzene
Concen: 0.05 ppbv
RT: 16.66 min Scan# 2227
Delta R.T. 0.36 min
Lab File: VL026185.D
Acq: 9 Oct 2015 20:56

Tgt Ion: 95 Resp: 1628

Ion	Ratio	Lower	Upper
95	100		
174	0.0	52.2	78.4#
175	0.0	3.9	5.9#



Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations APPROVED
MMdadoda
10/12/2015 1:24:32 PM