Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
Data File : VL025818.D
Acq On : 31 Jul 2015 18:27
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Manual Integrations APPROVED
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Quant Time: Aug 03 06:02:22 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
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	6.68	49	660221	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	8.35	114	1819452	10.00	ppbv		0.02
55) Chlorobenzene-d5	13.77	117	2215338m	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.32	95	1875539	10.04	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.65	85	1670786	9.77	ppbv		100
3) Chlorodifluoromethane	3.58	51	790741	8.50	ppbv		98
4) Chloromethane	3.76	50	376184	8.86	ppbv		99
5) Vinyl Chloride	3.90	62	418844	9.14	ppbv		98
6) Bromomethane	4.15	94	326345	8.77	ppbv		97
7) Chloroethane	4.25	64	189234	8.87	ppbv		100
8) Dichlorotetrafluoroethane	3.82	85	1268260	8.45	ppbv		100
9) Propene	3.61	41	278888	9.02	ppbv		100
10) Heptane	9.38	43	1131827	9.40	ppbv		98
11) Trichlorofluoromethane	4.71	101	1841490	8.30	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	5.32	101	1084342	8.52	ppbv		100
13) Ethanol	4.35	45	42850	8.92	ppbv		99
14) Bromoethene	4.46	108	370752	8.88	ppbv		99
15) Acetone	4.62	43	919307	7.88	ppbv		99
16) 1,3-Butadiene	3.98	39	413761	8.91	ppbv		99
17) tert-Butyl alcohol	5.14	59	820273	8.38	ppbv		100
18) 1,1-Dichloroethene	5.10	96	429840	8.82	ppbv		99
19) Isopropyl Alcohol	4.76	45	407277	8.75	ppbv	#	99
20) Methylene Chloride	5.17	84	396963	8.38	ppbv		94
21) Allyl Chloride	5.25	41	651605	8.92	ppbv		98
22) trans-1,2-Dichloroethene	5.78	96	457546	9.20	ppbv		98
23) Vinyl Acetate	6.00	43	1641124	9.29	ppbv		99
24) 1,1-Dichloroethane	5.93	63	1068627	9.02	ppbv		99
25) Ethyl Acetate	6.69	43	1653532	9.37	ppbv		100
26) Hexane	6.68	57	774021	9.31	ppbv		99
27) Carbon Disulfide	5.40	76	1249661	9.29	ppbv		98
28) Methyl tert-Butyl Ether	5.97	73	1557036	9.42	ppbv		100
29) Chloroform	6.77	83	1417817	8.64	ppbv		99
30) Cyclohexane	8.31	84	761014	9.58	ppbv		98
31) cis-1,2-Dichloroethene	6.54	61	806789	9.77	ppbv		99
32) 1,1,1-Trichloroethane	7.62	97	1544353	8.66	ppbv		99
34) 2-Butanone	6.22	43	1008044	9.76	ppbv		100
35) Carbon Tetrachloride	8.18	117	1658650	8.56	ppbv		99
36) Benzene	8.05	78	1674502	9.61	ppbv		98
37) 1,2-Dichloroethane	7.40	62	1300816	8.74	ppbv		99
38) Trichloroethene	9.09	130	748966	9.24	ppbv		96
39) 1,2-Dichloropropane	8.85	63	592087	9.20	ppbv		96
40) 1,4-Dioxane	9.14	88	126001	12.48	ppbv		59
41) Tetrahydrofuran	7.14	42	533764	10.36	ppbv		99
42) Bromodichloromethane	9.05	83	1642930	9.15	ppbv		99
43) Methyl Methacrylate	9.29	69	691430	10.34	ppbv		99

Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
Data File : VL025818.D
Acq On : 31 Jul 2015 18:27
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 03 06:02:22 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.11	57	2825976	9.45	ppbv		99
45) t-1,3-Dichloropropene	10.68	75	1099943	9.78	ppbv		99
46) cis-1,3-Dichloropropene	10.04	75	1244825	10.01	ppbv		98
47) 1,1,2-Trichloroethane	10.91	97	796500	8.89	ppbv		98
48) Dibromochloromethane	11.83	129	1424287	8.89	ppbv		99
49) Bromoform	14.85	173	1153891	8.73	ppbv		99
50) 4-Methyl-2-Pentanone	10.12	43	1454112	9.78	ppbv		98
51) 2-Hexanone	11.64	43	1389199	10.41	ppbv	#	99
52) Tetrachloroethene	12.82	164	811301	9.28	ppbv		97
53) Toluene	11.26	91	2340731	9.56	ppbv		99
54) 1,2-Dibromoethane	12.17	107	1279803	8.83	ppbv		100
56) 1,1,1,2-Tetrachloroethane	13.82	131	1051044	8.78	ppbv		98
57) Chlorobenzene	13.84	112	2051233	8.70	ppbv		98
58) Ethyl Benzene	14.44	91	3583381	9.79	ppbv		100
59) m/p-Xylene	14.75	91	5818057	18.09	ppbv		99
60) o-Xylene	15.52	91	3056780	8.83	ppbv		100
61) Styrene	15.34	104	1326969	10.94	ppbv		100
62) Isopropylbenzene	16.57	105	4043367	8.93	ppbv		100
63) 1,1,2,2-Tetrachloroethane	15.52	83	1941555	8.29	ppbv		99
64) n-propylbenzene	17.55	120	1072600	8.77	ppbv		95
65) tert-Butylbenzene	18.85	119	3750912	8.44	ppbv		99
66) Benzyl Chloride	19.13	91	1265166	7.76	ppbv		100
67) sec-Butylbenzene	19.44	105	5247391	8.43	ppbv		100
69) p-Isopropyltoluene	19.82	119	4351958	8.48	ppbv		100
70) n-Butylbenzene	20.78	91	4236226	8.14	ppbv		99
71) 2-Chlorotoluene	17.46	91	3054360	9.20	ppbv		99
72) 4-Ethyltoluene	17.85	105	3454449	9.02	ppbv		100
73) 1,3,5-Trimethylbenzene	18.02	105	3321461	8.83	ppbv		100
74) 1,2,4-Trimethylbenzene	18.86	105	3459944	8.21	ppbv		97
75) 1,3-Dichlorobenzene	19.16	146	2155296	7.86	ppbv		100
76) 1,4-Dichlorobenzene	19.30	146	2212535	8.05	ppbv		99
77) 1,2-Dichlorobenzene	20.06	146	2142614	7.87	ppbv		100
78) Hexachloro-1,3-Butadiene	24.70	225	981854	5.86	ppbv		99
79) Naphthalene	23.95	128	2565707	6.30	ppbv		99
80) Naphthalene,2-methyl-	26.07	142	666798	5.64	ppbv		99
81) 1,2,4-Trichlorobenzene	23.75	180	1226431	6.28	ppbv		100

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

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
Data File : VL025818.D
Acq On : 31 Jul 2015 18:27
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 03 06:02:22 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
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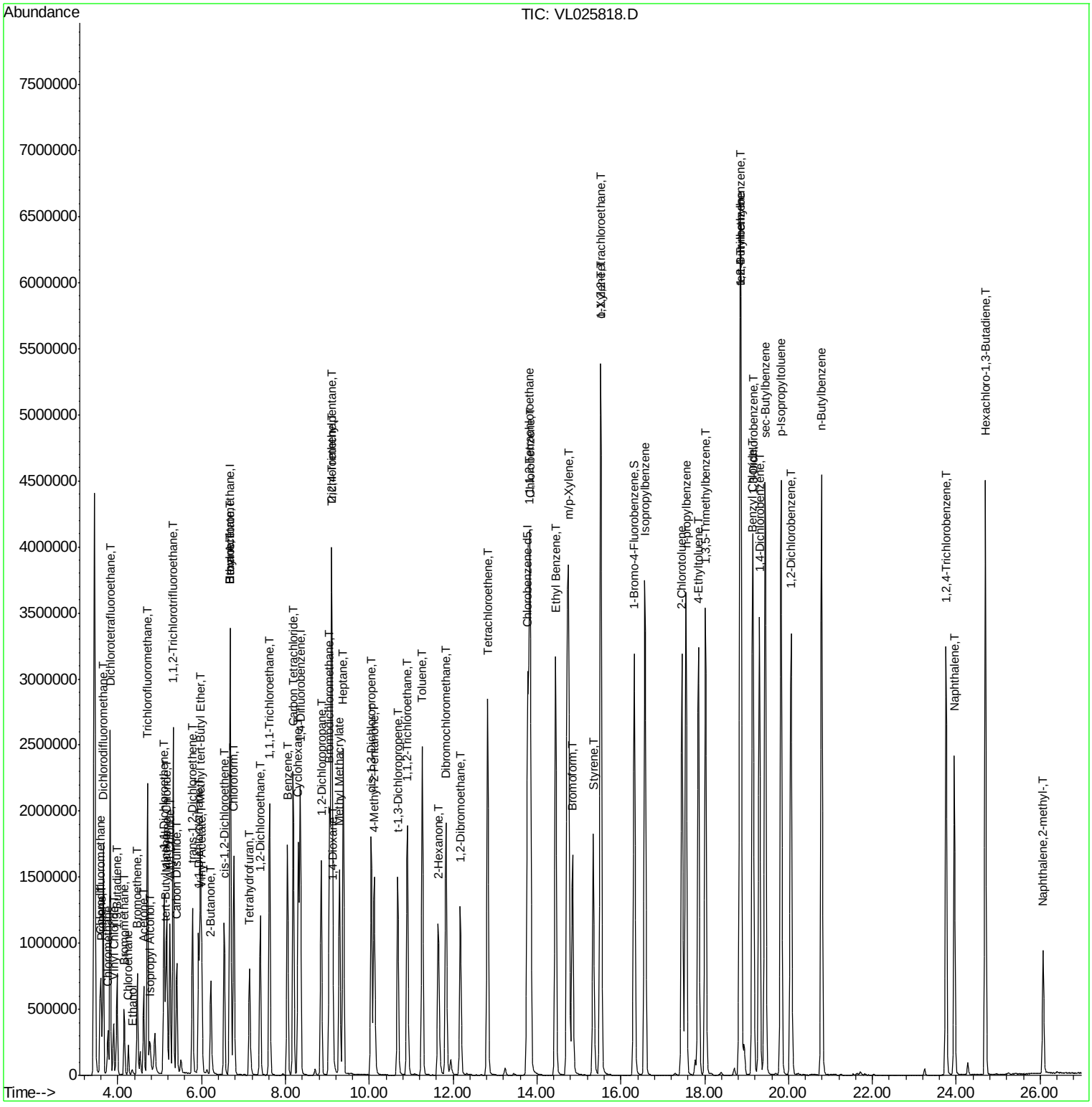
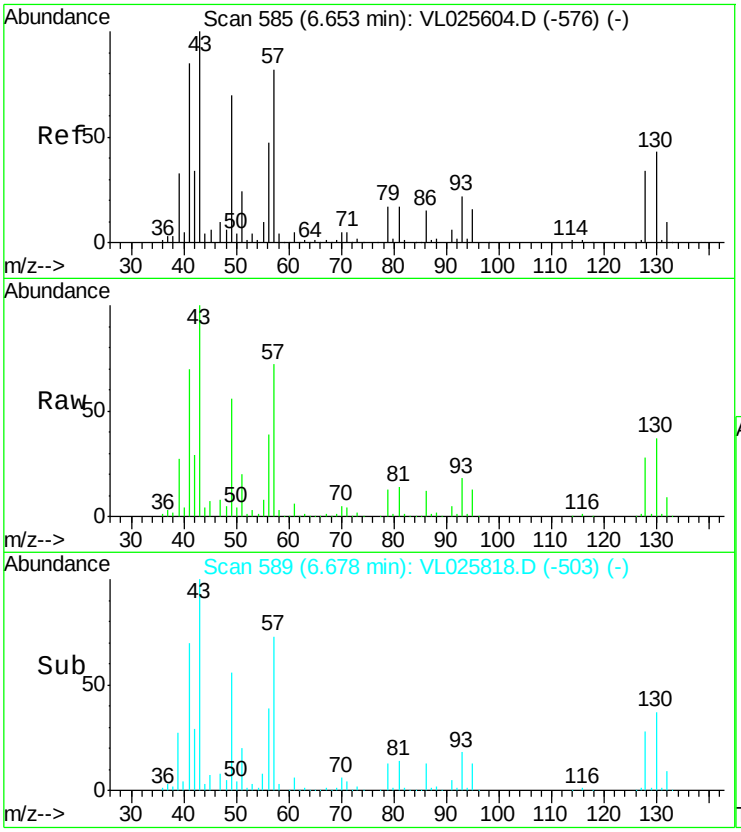
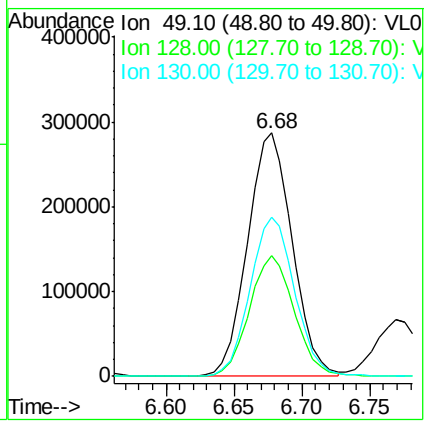




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.68 min Scan# 589
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 49 Resp: 660221

Ion	Ratio	Lower	Upper
49	100		
128	50.1	25.4	76.0
130	65.7	31.9	95.9



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
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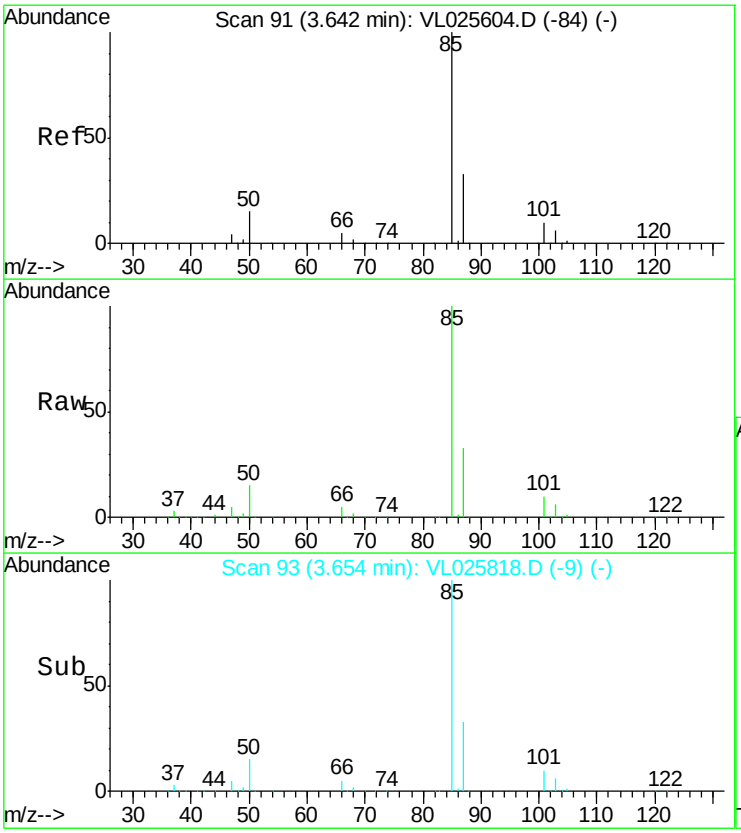
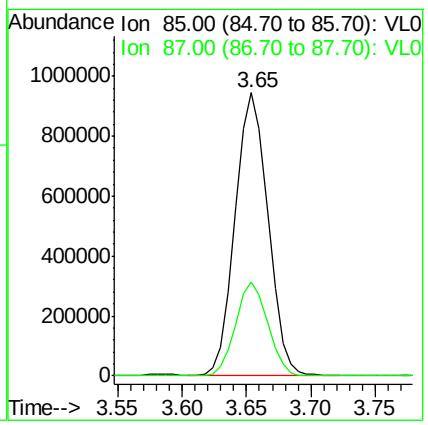
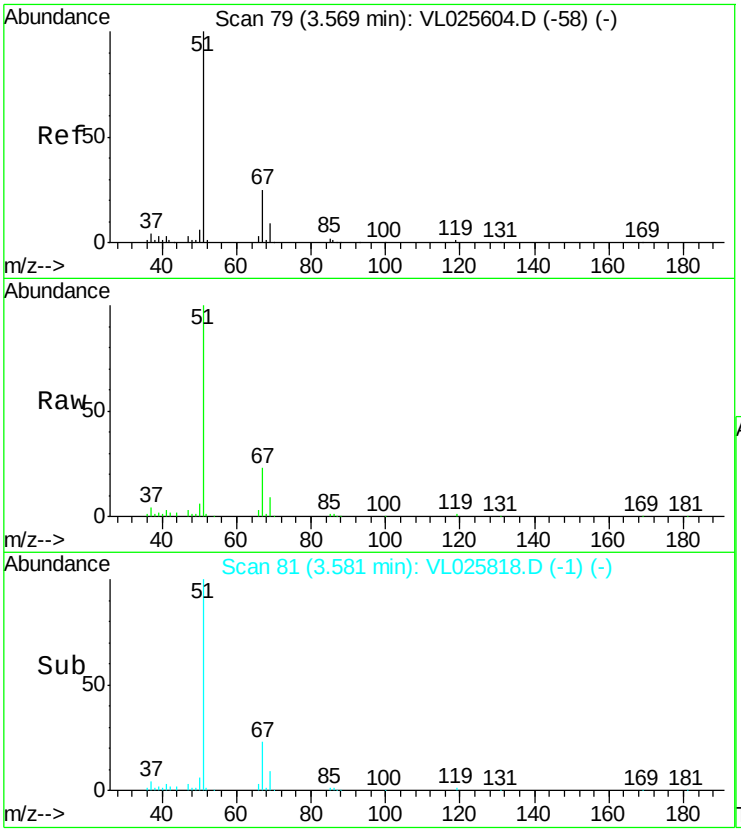


#2
Dichlorodifluoromethane
Concen: 9.77 ppbv
RT: 3.65 min Scan# 93
Delta R.T. 0.01 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 85 Resp: 1670786

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.5	39.7

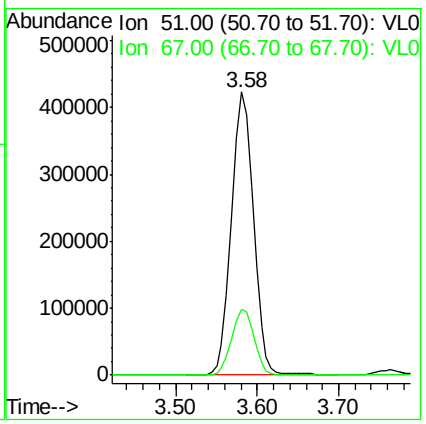




#3
Chlorodifluoromethane
Concen: 8.50 ppbv
RT: 3.58 min Scan# 81
Delta R.T. 0.01 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 51 Resp: 790741

Ion	Ratio	Lower	Upper
51	100		
67	23.6	19.5	29.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
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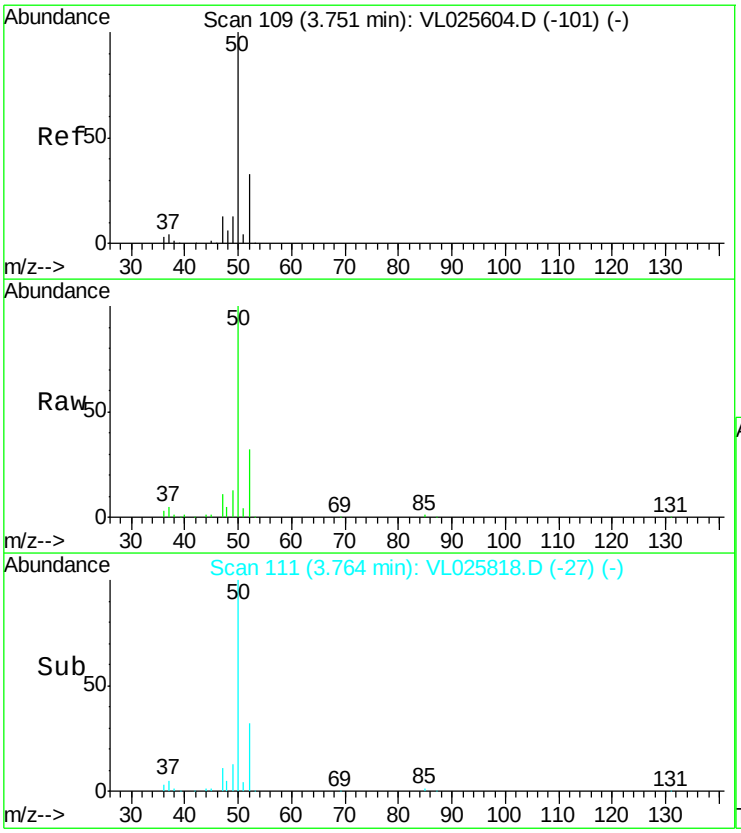
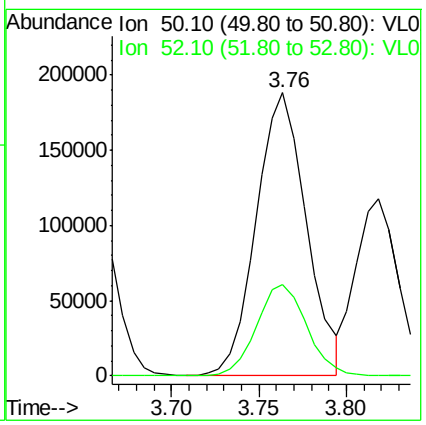
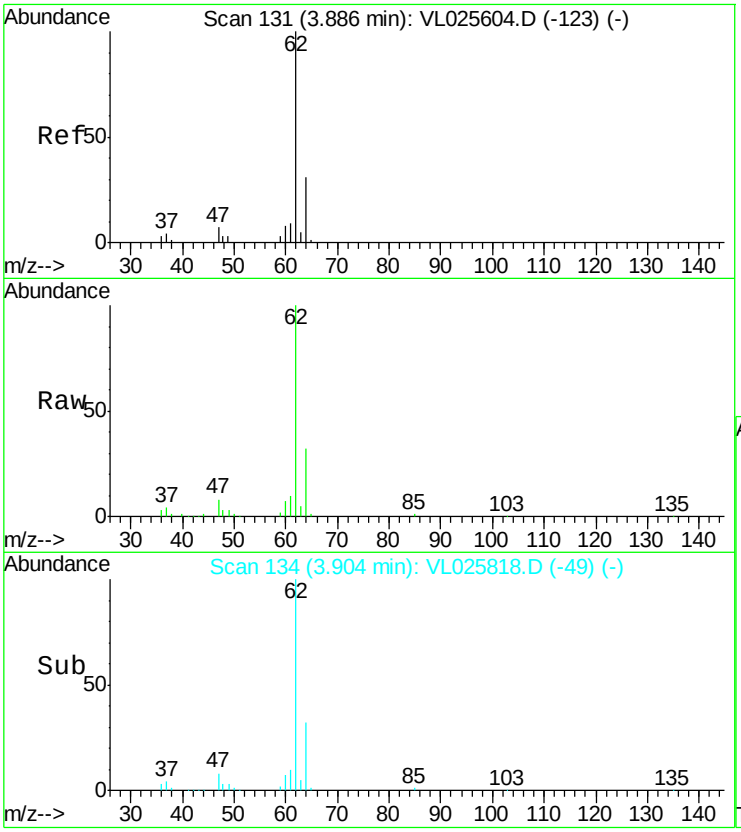


#4
Chloromethane
Concen: 8.86 ppbv
RT: 3.76 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 50 Resp: 376184

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.2	39.2

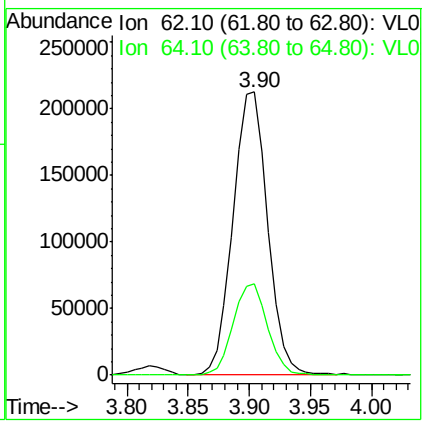




#5
Vinyl Chloride
Concen: 9.14 ppbv
RT: 3.90 min Scan# 134
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 62 Resp: 418844

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.0	37.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
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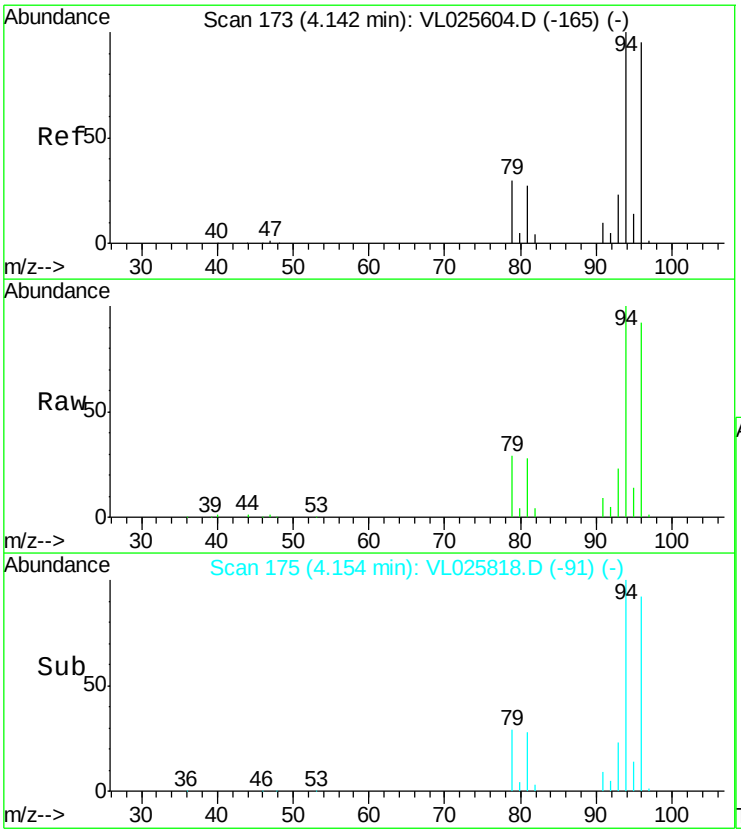
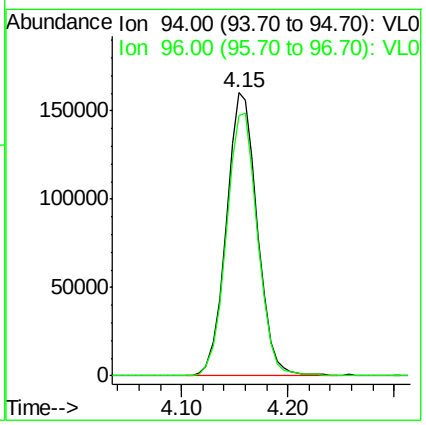
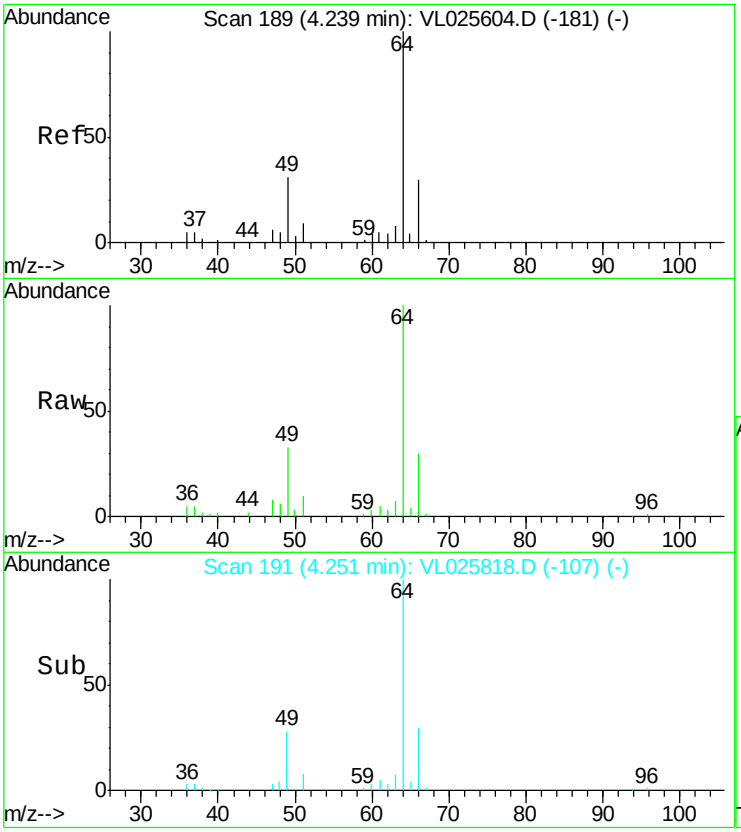


#6
Bromomethane
Concen: 8.77 ppbv
RT: 4.15 min Scan# 175
Delta R.T. 0.01 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 94 Resp: 326345

Ion	Ratio	Lower	Upper
94	100		
96	92.2	75.9	113.9

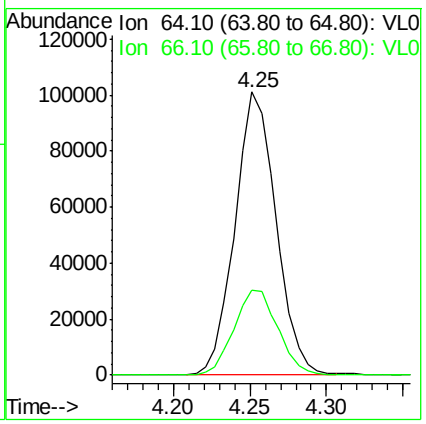




#7
Chloroethane
Concen: 8.87 ppbv
RT: 4.25 min Scan# 191
Delta R.T. 0.01 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 64 Resp: 189234

Ion	Ratio	Lower	Upper
64	100		
66	29.8	23.8	35.8



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
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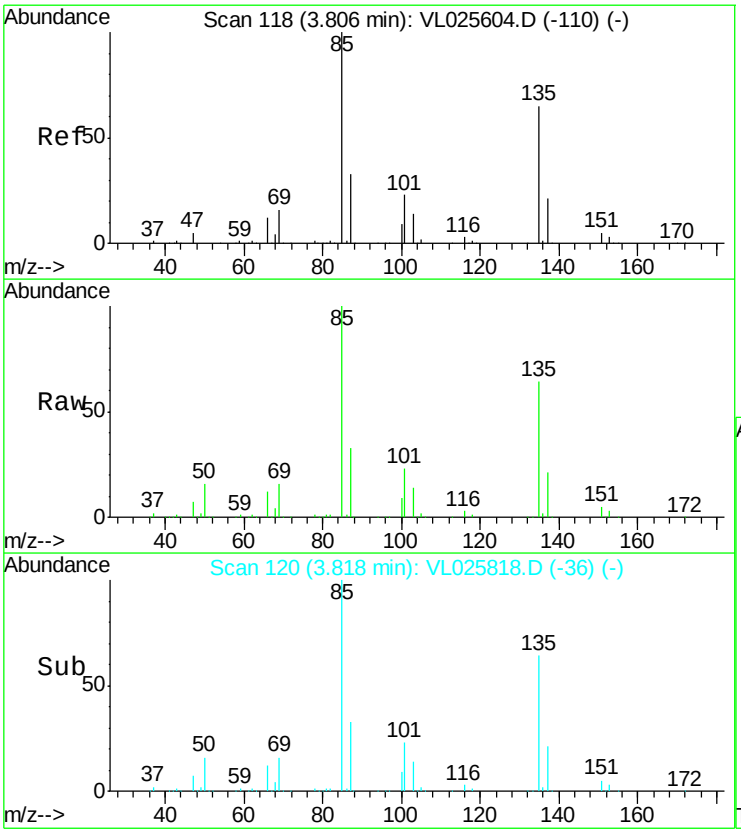
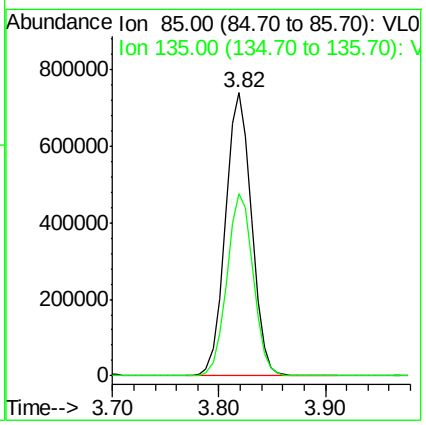
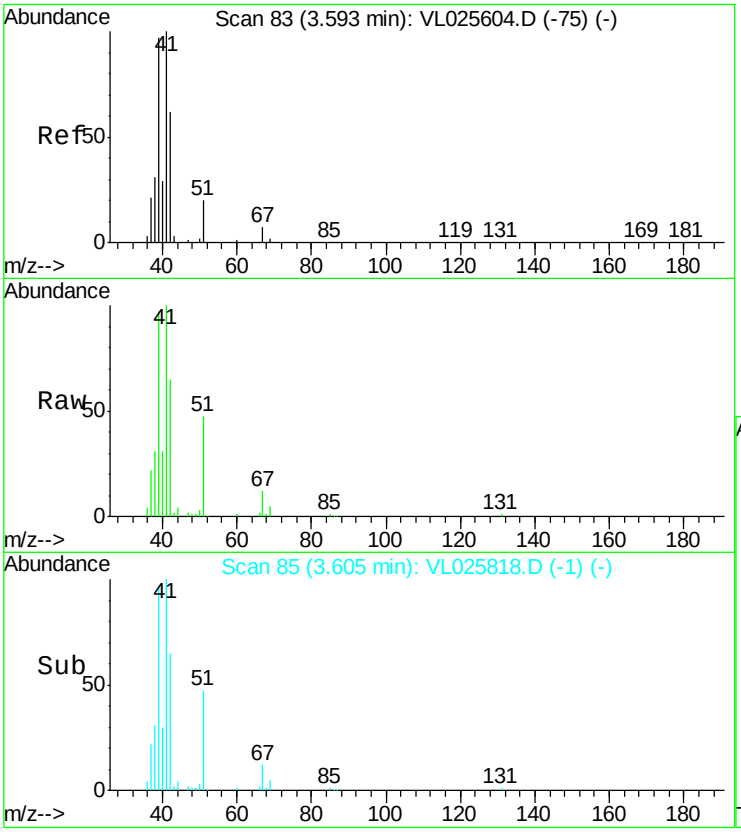


#8
Dichlorotetrafluoroethane
Concen: 8.45 ppbv
RT: 3.82 min Scan# 120
Delta R.T. 0.01 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 85 Resp: 1268260

Ion	Ratio	Lower	Upper
85	100		
135	65.2	52.2	78.4

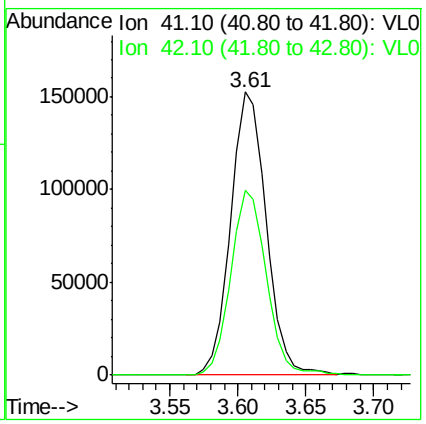




#9
Propene
Concen: 9.02 ppbv
RT: 3.61 min Scan# 85
Delta R.T. 0.01 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 41 Resp: 278888

Ion	Ratio	Lower	Upper
41	100		
42	65.6	52.4	78.6



Instrument :
MSVOA_L
ClientSampleId :
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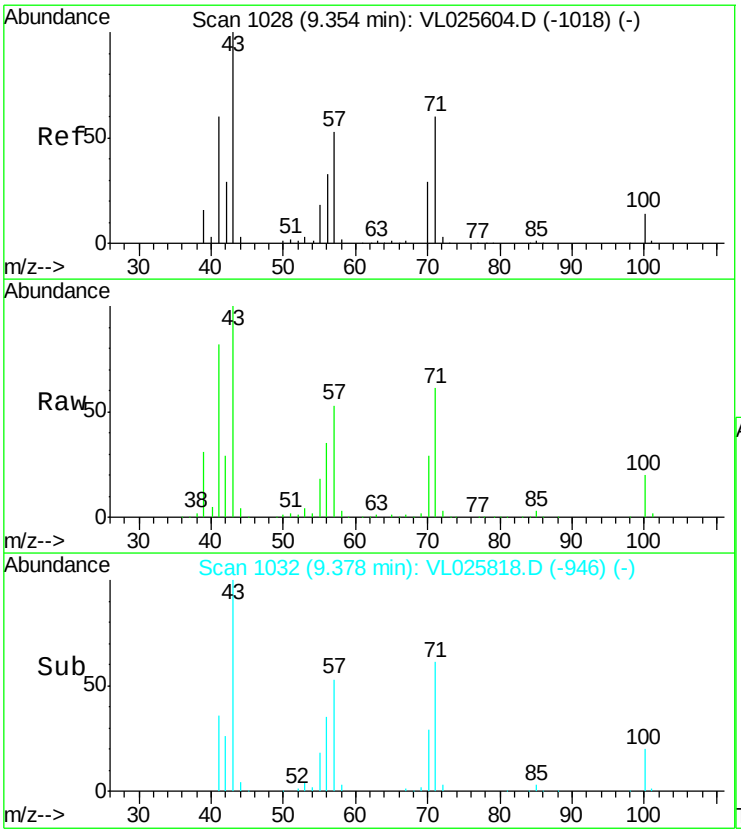
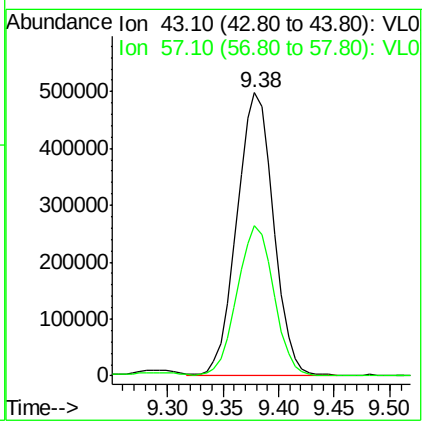
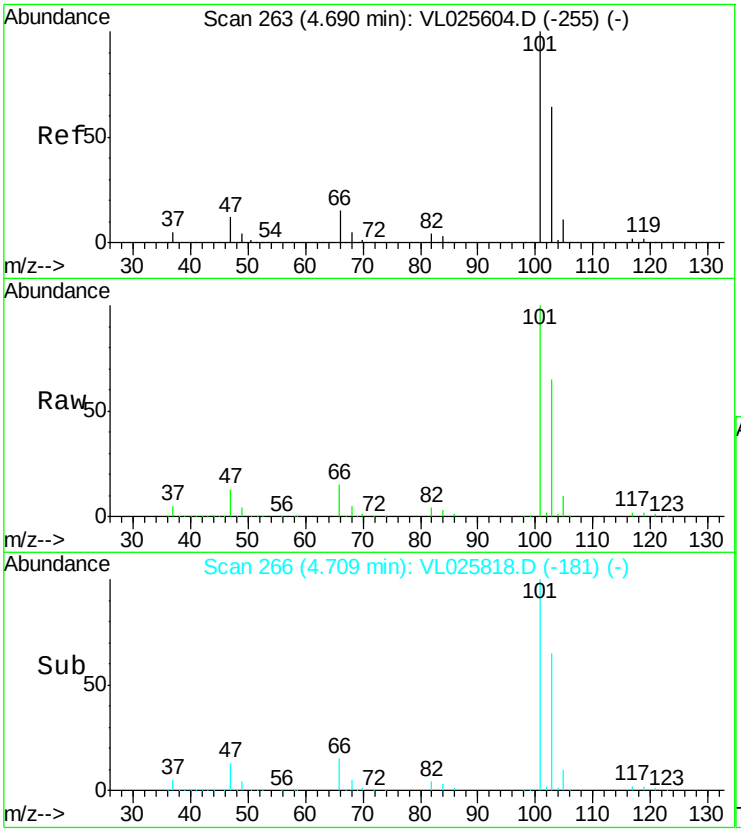


#10
Heptane
Concen: 9.40 ppbv
RT: 9.38 min Scan# 1032
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 43 Resp: 1131827

Ion	Ratio	Lower	Upper
43	100		
57	55.0	42.6	64.0

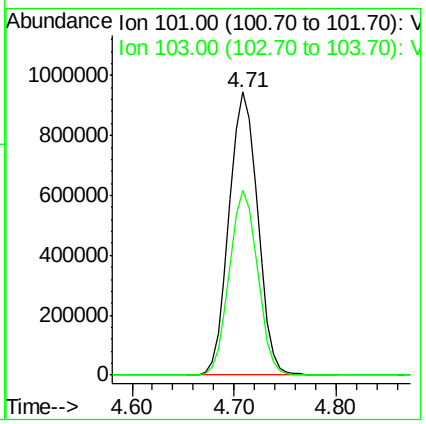




#11
Trichlorofluoromethane
Concen: 8.30 ppbv
RT: 4.71 min Scan# 266
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:101 Resp: 1841490

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.4	77.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
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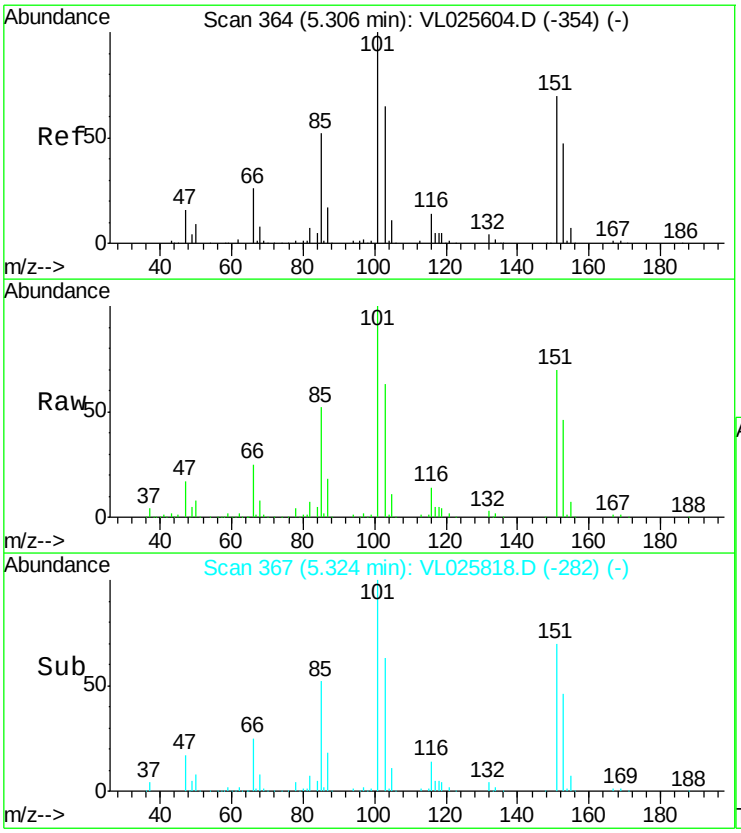
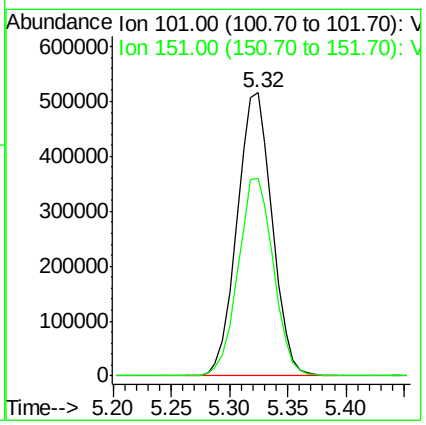
8/4/2015 12:05:23 PM

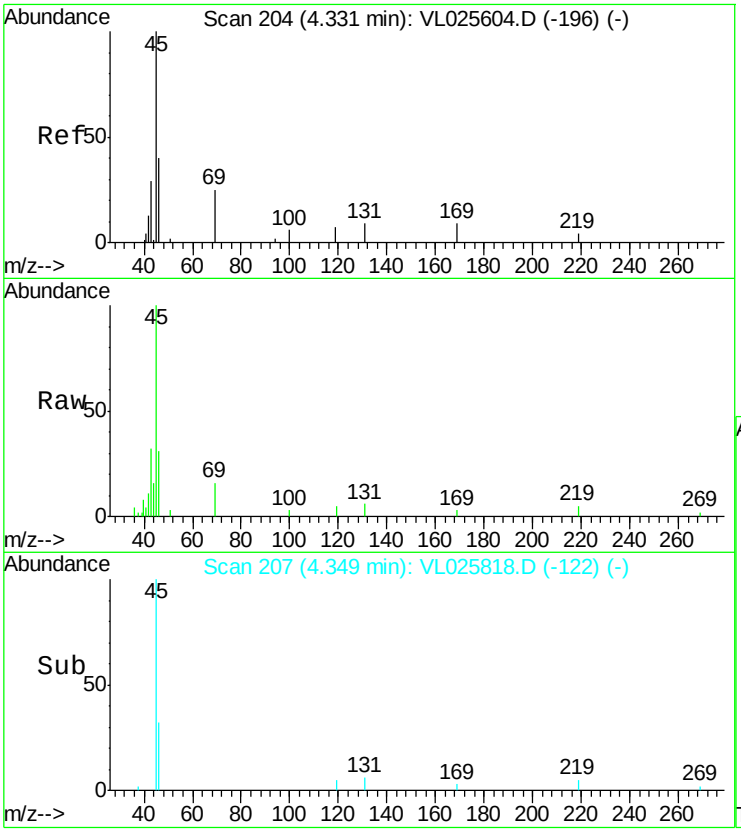


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.52 ppbv
RT: 5.32 min Scan# 367
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:101 Resp: 1084342

Ion	Ratio	Lower	Upper
101	100		
151	70.4	56.3	84.5

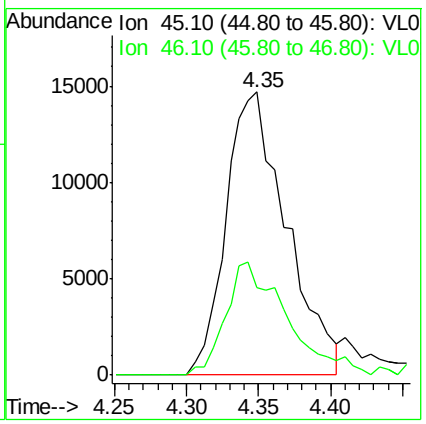




#13
Ethanol
Concen: 8.92 ppbv
RT: 4.35 min Scan# 207
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 45 Resp: 42850

Ion	Ratio	Lower	Upper
45	100		
46	40.9	16.0	64.0



Instrument :
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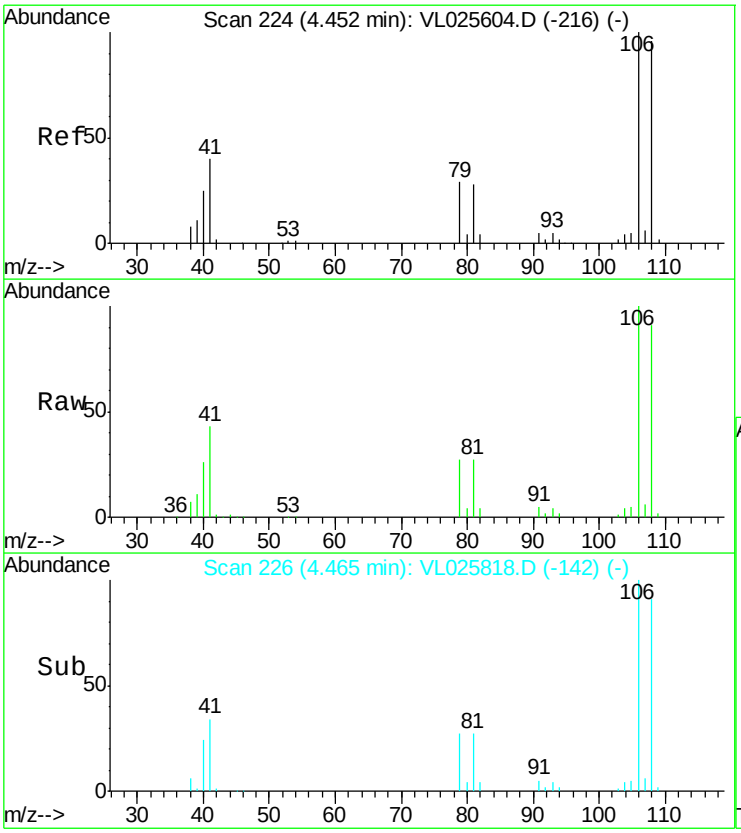
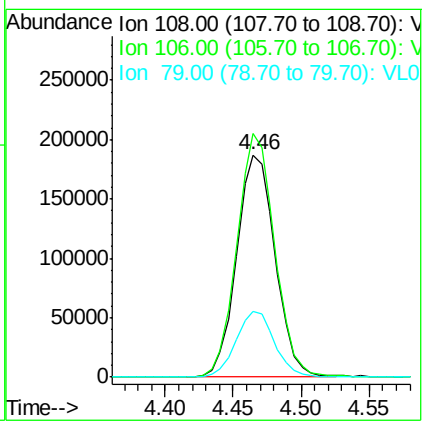
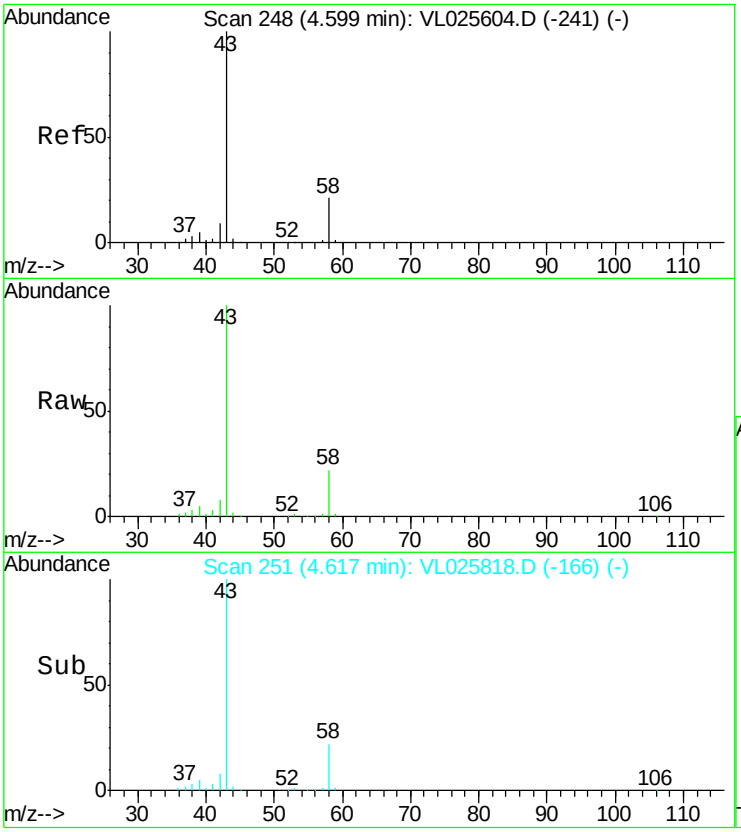


#14
Bromoethene
Concen: 8.88 ppbv
RT: 4.46 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:108 Resp: 370752

Ion	Ratio	Lower	Upper
108	100		
106	107.7	85.7	128.5
79	29.6	24.6	36.8

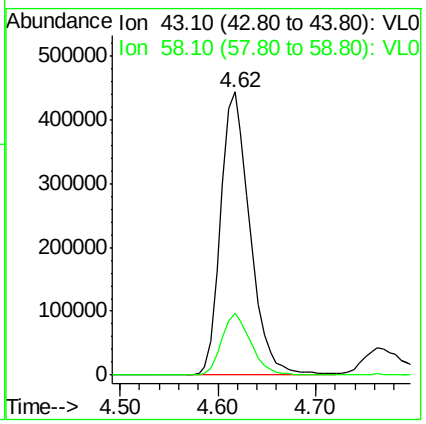




#15
Acetone
Concen: 7.88 ppbv
RT: 4.62 min Scan# 251
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 43 Resp: 919307

Ion	Ratio	Lower	Upper
43	100		
58	22.1	17.2	25.8



Instrument :
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ClientSampleId :
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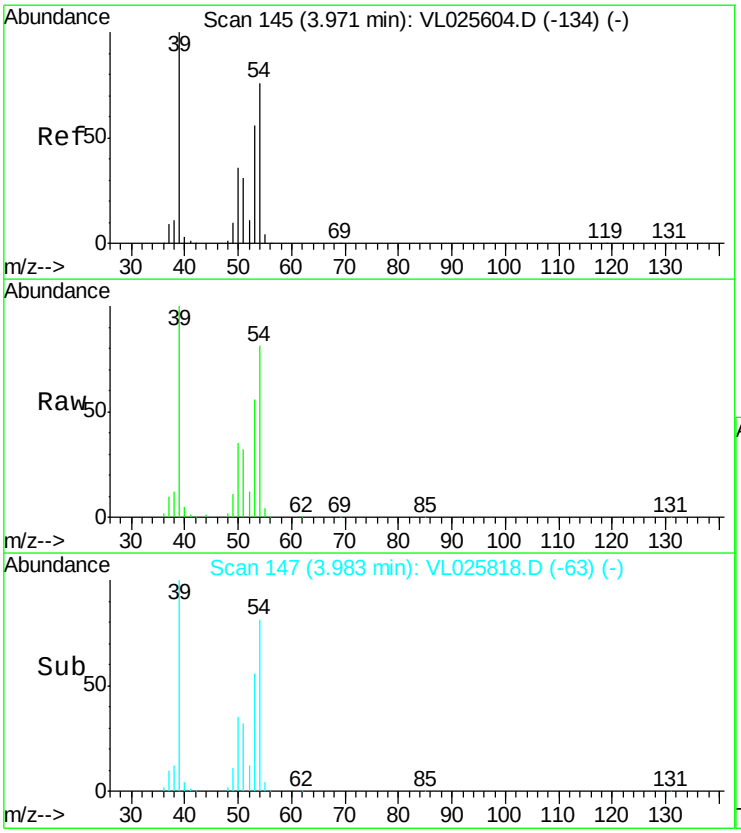
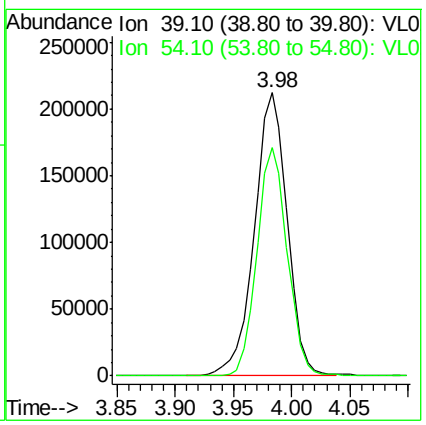
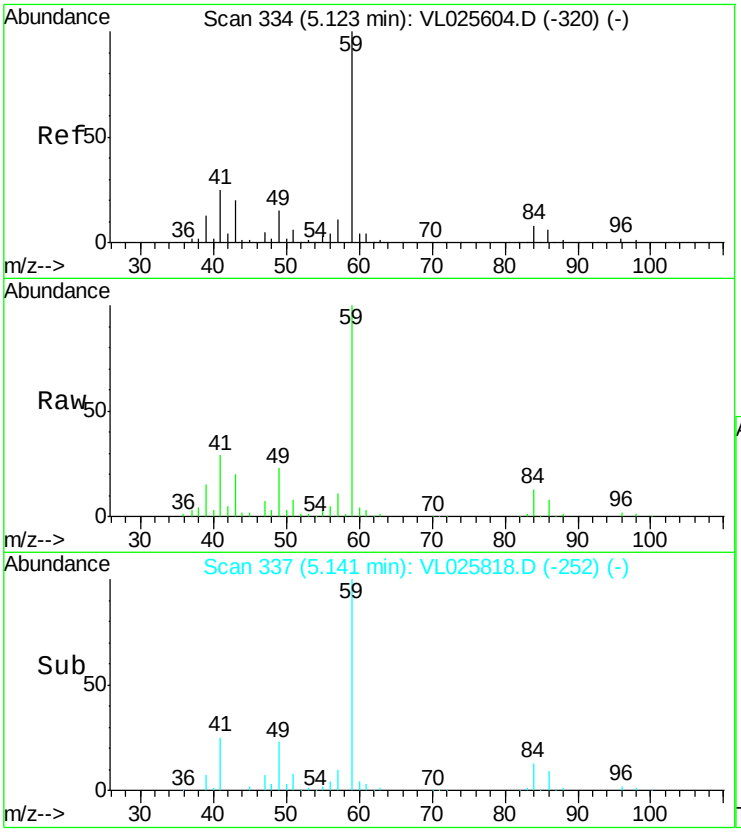


#16
1,3-Butadiene
Concen: 8.91 ppbv
RT: 3.98 min Scan# 147
Delta R.T. 0.01 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 39 Resp: 413761

Ion	Ratio	Lower	Upper
39	100		
54	74.8	59.3	88.9

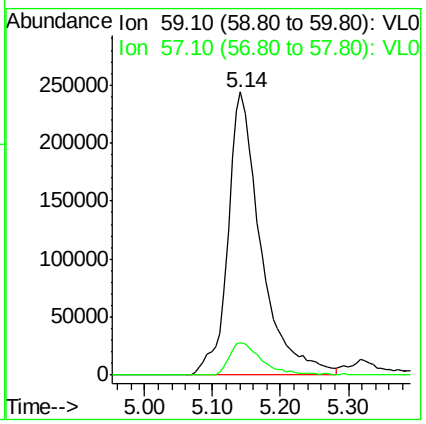




#17
tert-Butyl alcohol
Concen: 8.38 ppbv
RT: 5.14 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 59 Resp: 820273

Ion	Ratio	Lower	Upper
59	100		
57	11.6	9.4	14.2



Instrument :
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ClientSampleId :
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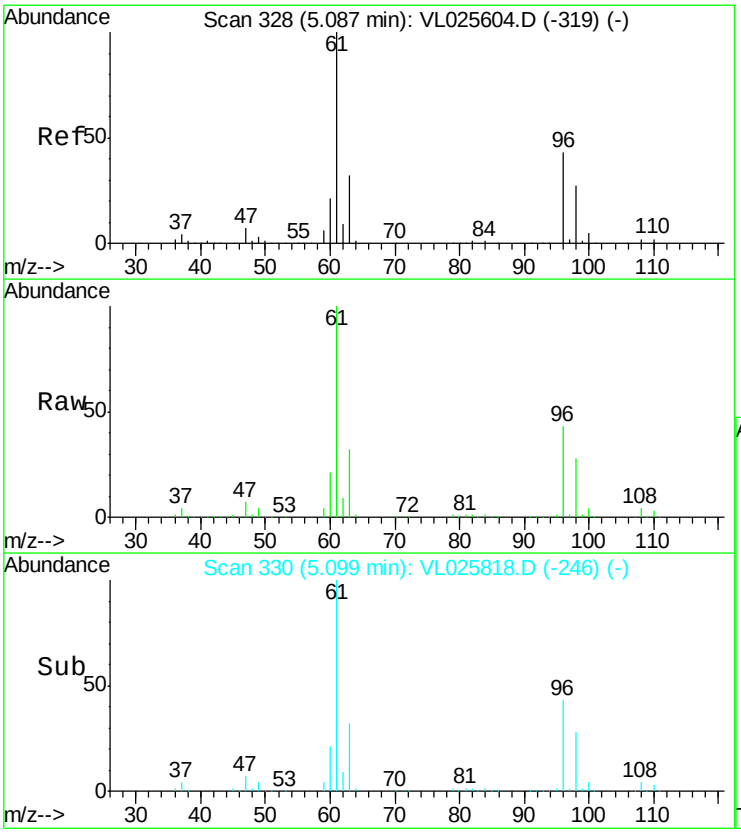
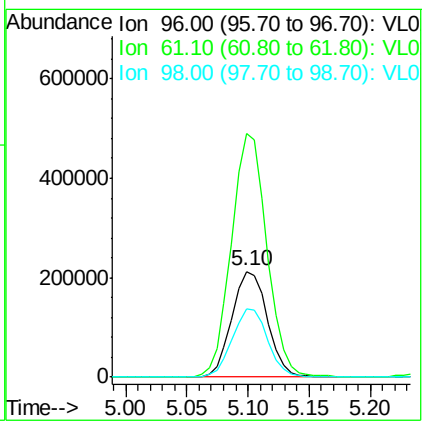
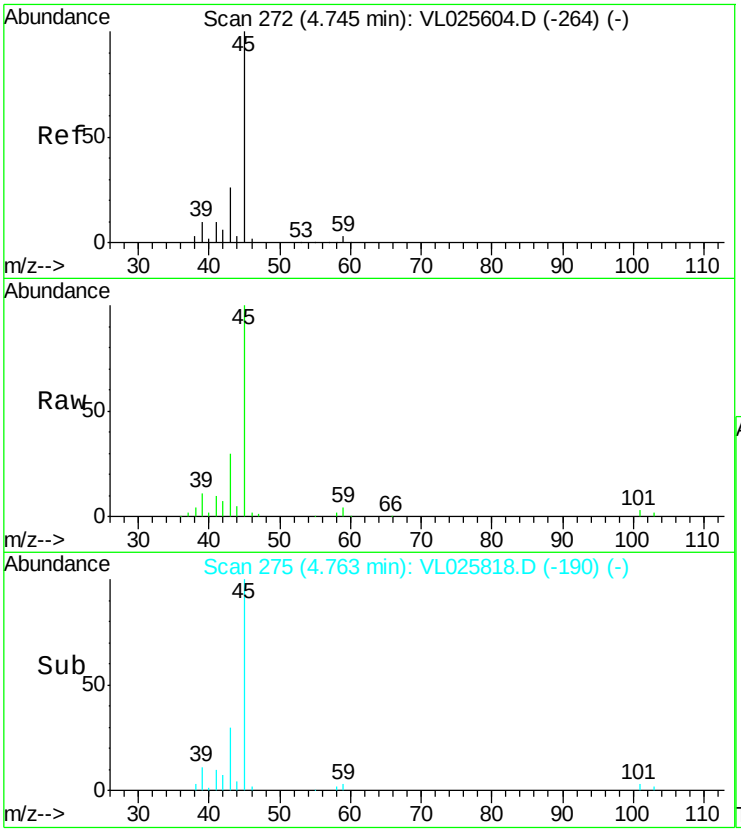


#18
1,1-Dichloroethene
Concen: 8.82 ppbv
RT: 5.10 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 96 Resp: 429840

Ion	Ratio	Lower	Upper
96	100		
61	230.9	184.1	276.1
98	64.4	50.0	75.0





#19
Isopropyl Alcohol
Concen: 8.75 ppbv
RT: 4.76 min Scan# 275
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 45 Resp: 407277

Ion	Ratio	Lower	Upper
45	100		
58	1.7	1.1	1.7#

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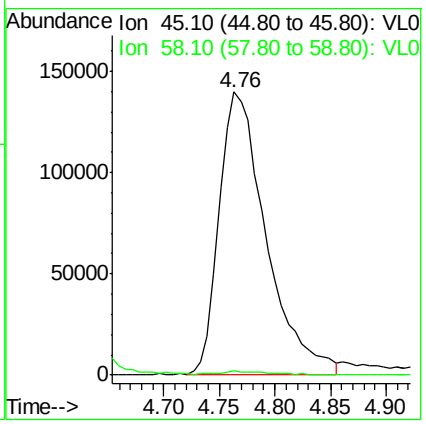
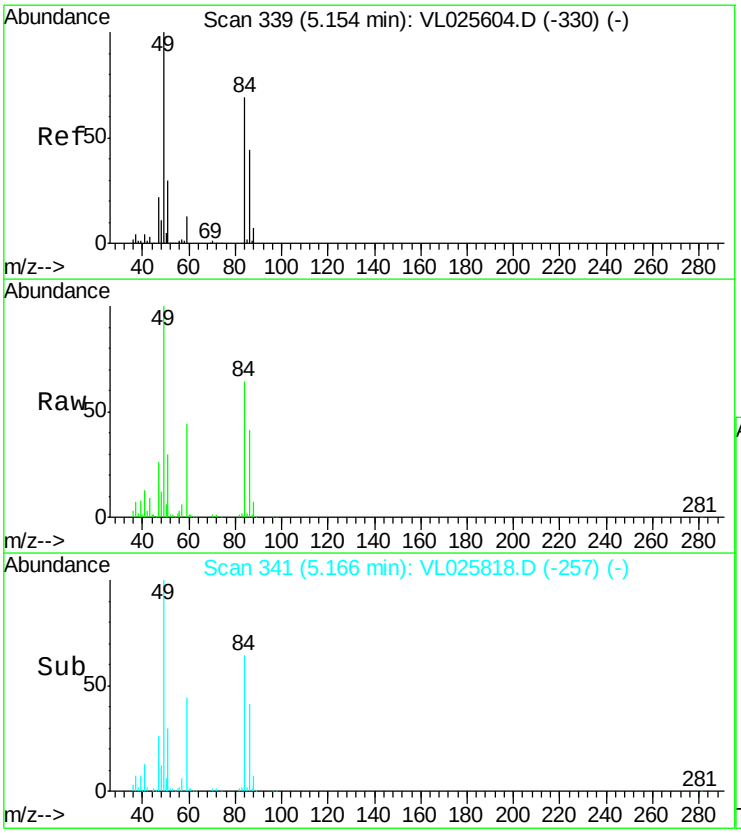
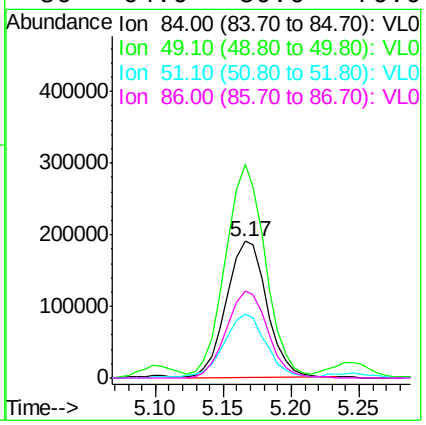


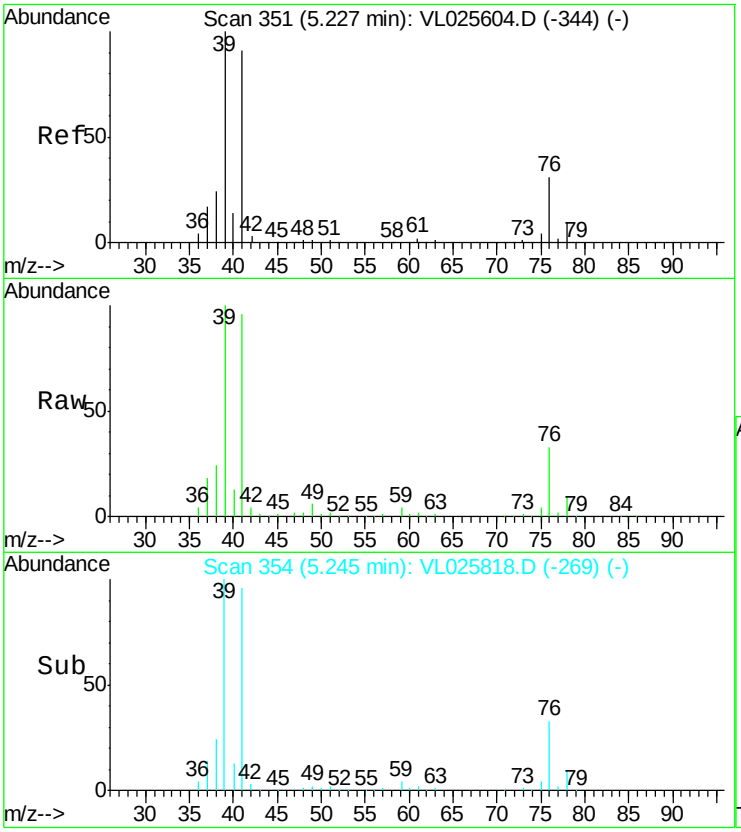


#20
Methylene Chloride
Concen: 8.38 ppbv
RT: 5.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 84 Resp: 396963

Ion	Ratio	Lower	Upper
84	100		
49	154.5	115.2	172.8
51	46.1	35.0	52.6
86	64.0	50.6	76.0

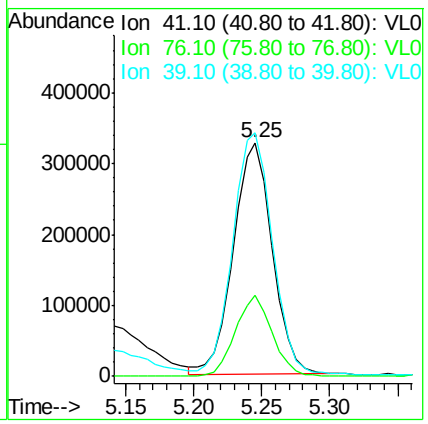




#21
Allyl Chloride
Concen: 8.92 ppbv
RT: 5.25 min Scan# 354
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 41 Resp: 651605

Ion	Ratio	Lower	Upper
41	100		
76	33.0	26.6	40.0
39	107.5	88.2	132.4



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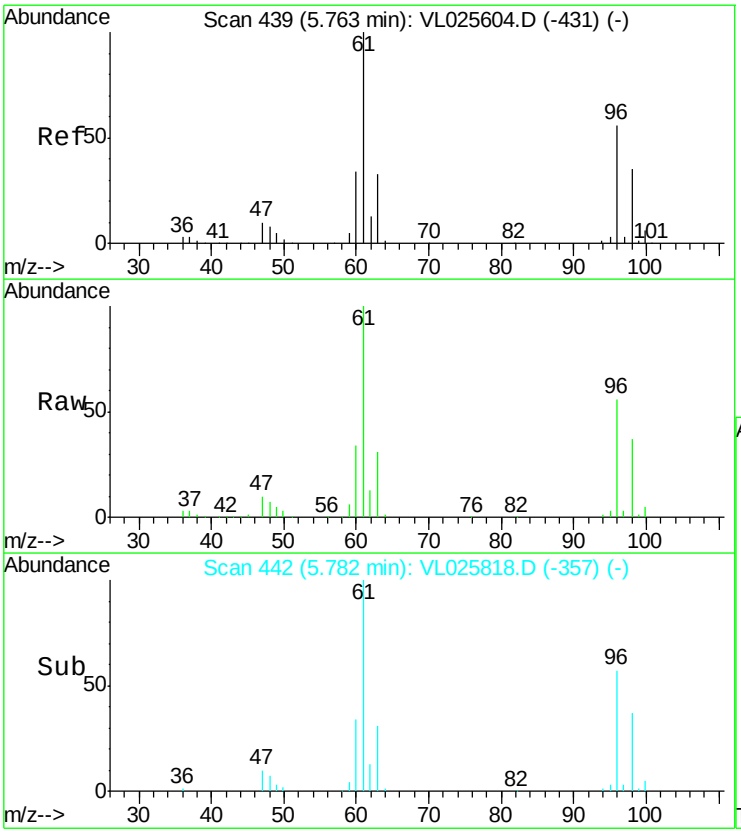
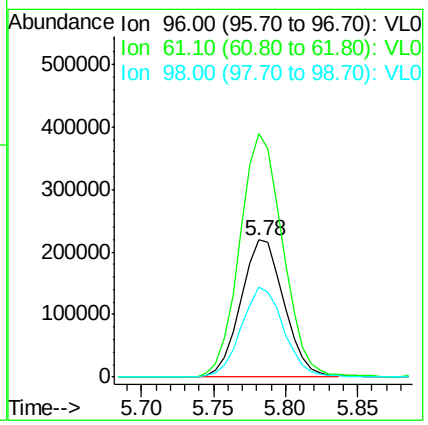
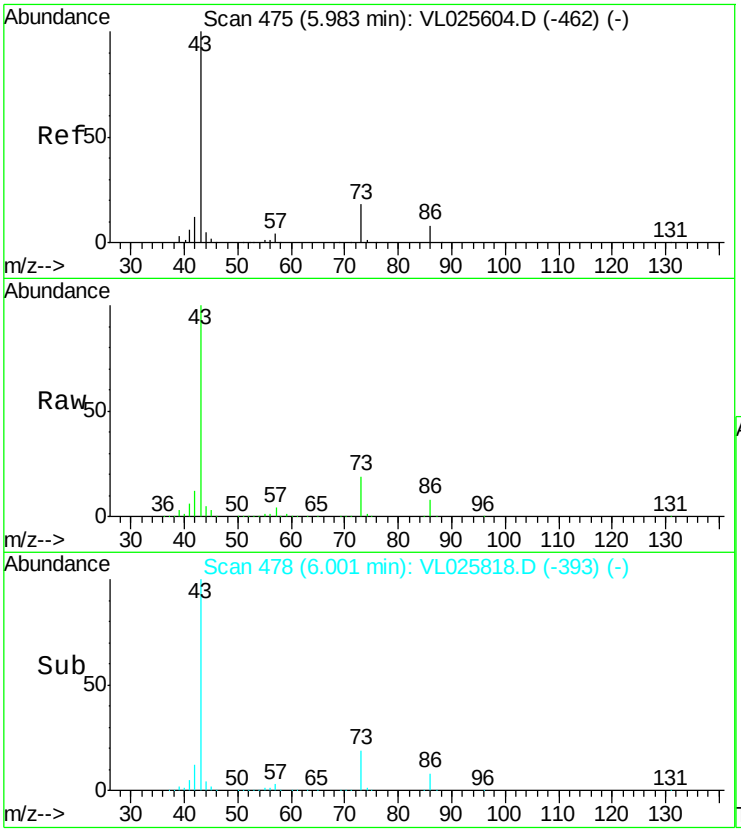


#22
trans-1,2-Dichloroethene
Concen: 9.20 ppbv
RT: 5.78 min Scan# 442
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 96 Resp: 457546

Ion	Ratio	Lower	Upper
96	100		
61	177.8	141.8	212.6
98	66.1	49.0	73.6

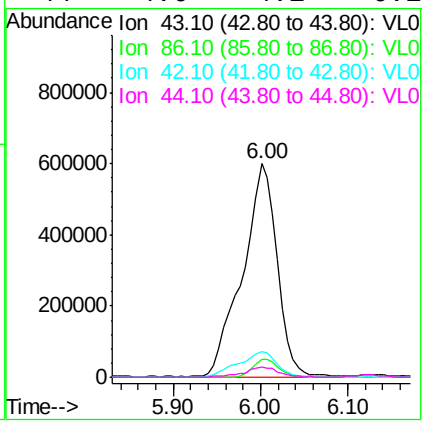




#23
Vinyl Acetate
Concen: 9.29 ppbv
RT: 6.00 min Scan# 478
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 43 Resp: 1641124

Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.7	10.1
42	11.8	9.8	14.6
44	4.6	4.1	6.1



Instrument :
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ClientSampleId :
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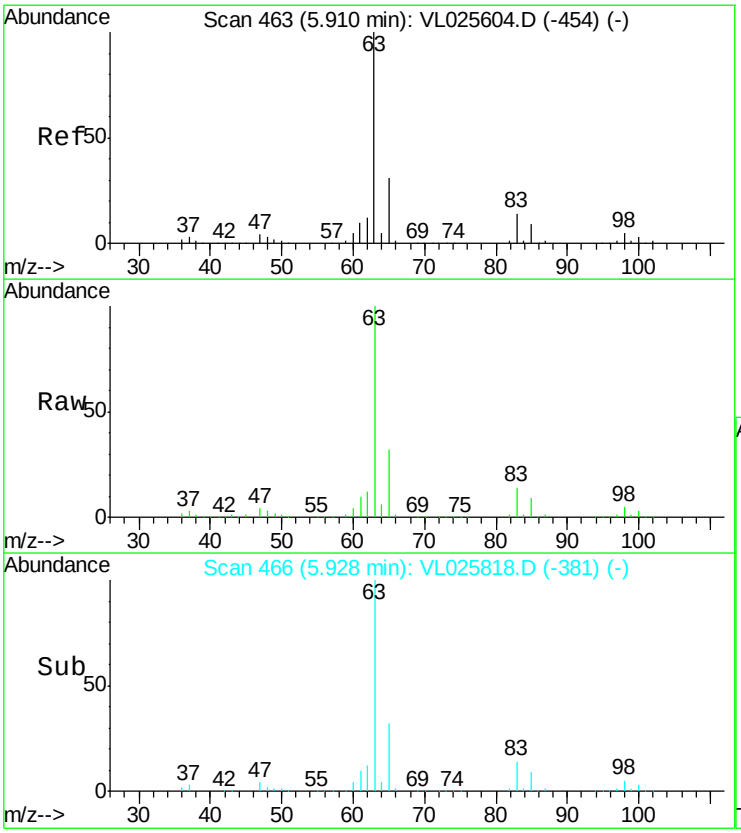
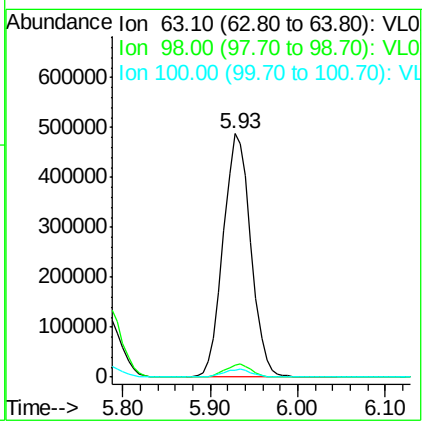
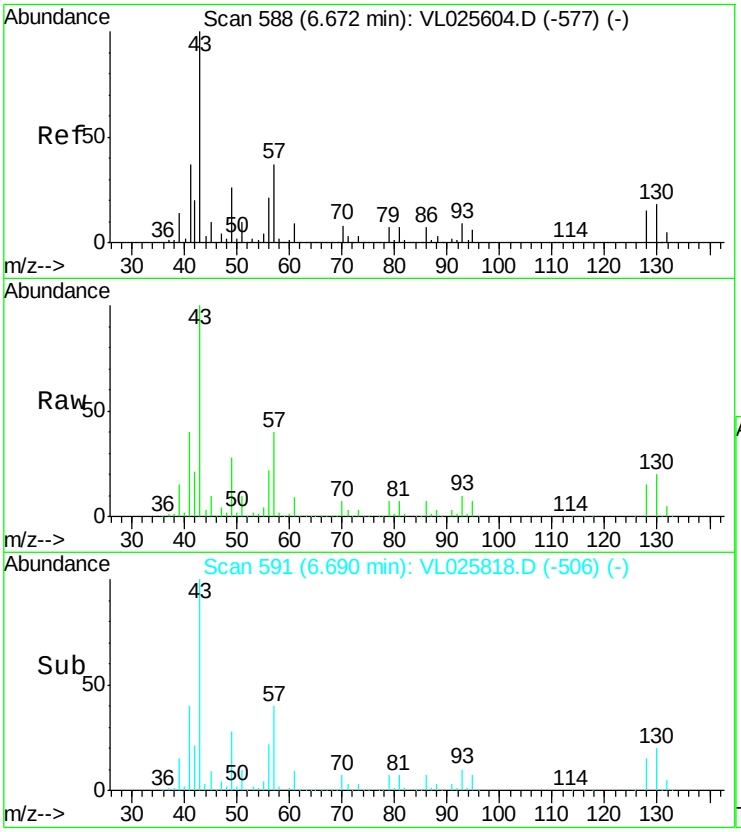


#24
1,1-Dichloroethane
Concen: 9.02 ppbv
RT: 5.93 min Scan# 466
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 63 Resp: 1068627

Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.6	8.0
100	3.0	1.6	4.7

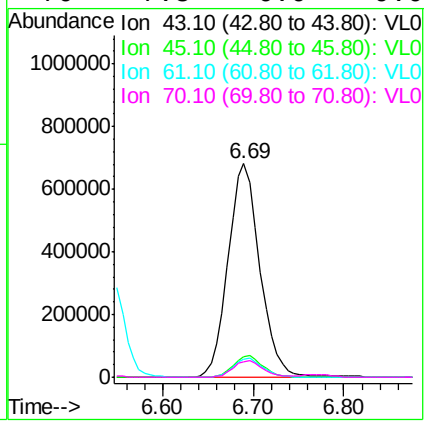




#25
Ethyl Acetate
Concen: 9.37 ppbv
RT: 6.69 min Scan# 591
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 43 Resp: 1653532

Ion	Ratio	Lower	Upper
43	100		
45	9.4	7.5	11.3
61	8.6	6.6	10.0
70	7.3	6.0	9.0



Instrument :
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ClientSampleId :
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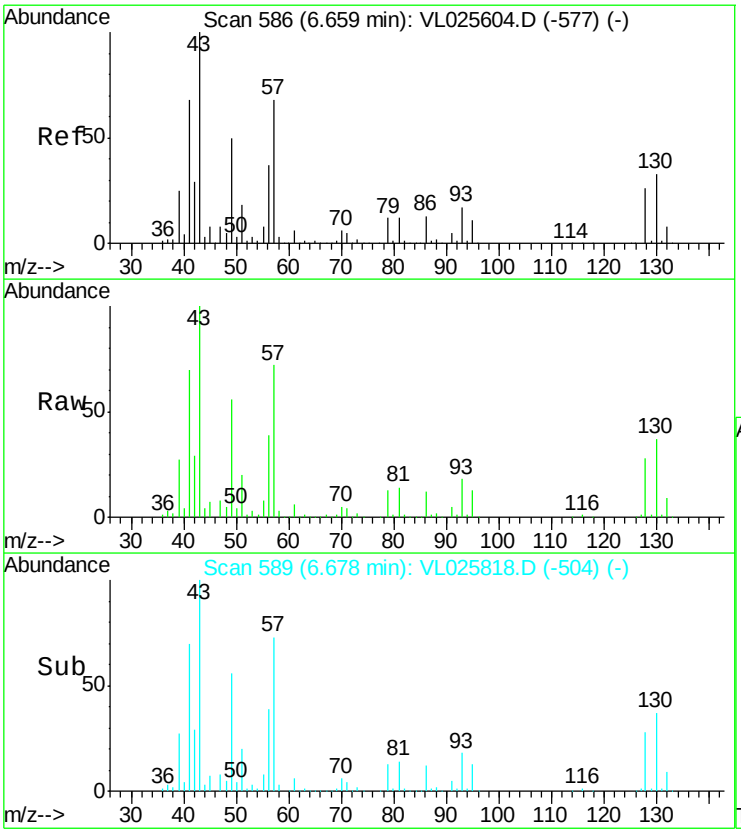
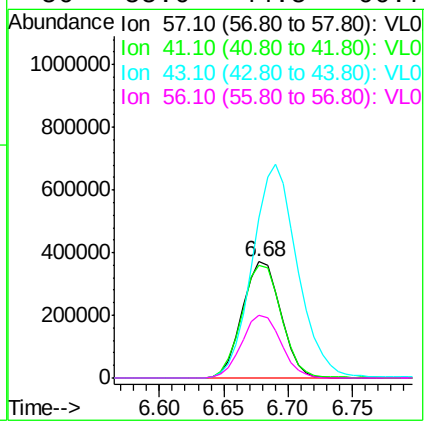
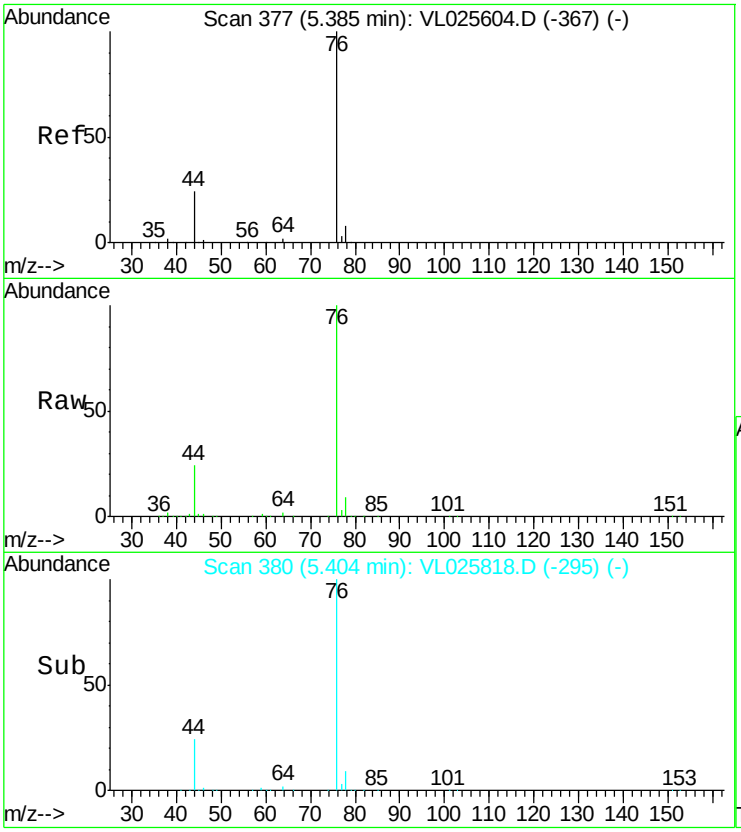


#26
Hexane
Concen: 9.31 ppbv
RT: 6.68 min Scan# 589
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 57 Resp: 774021

Ion	Ratio	Lower	Upper
57	100		
41	100.4	81.4	122.2
43	215.3	171.4	257.2
56	55.0	44.5	66.7

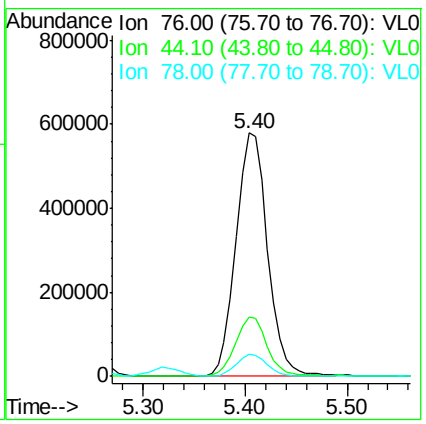




#27
Carbon Disulfide
Concen: 9.29 ppbv
RT: 5.40 min Scan# 380
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 76 Resp: 1249661

Ion	Ratio	Lower	Upper
76	100		
44	23.8	20.2	30.4
78	9.0	7.4	11.2



Instrument :
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ClientSampleId :
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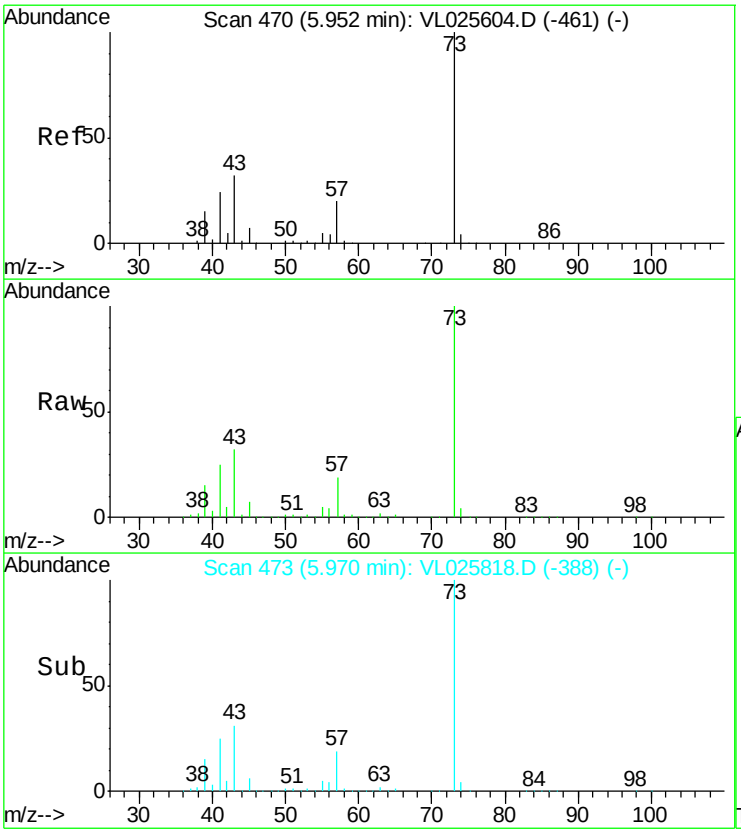
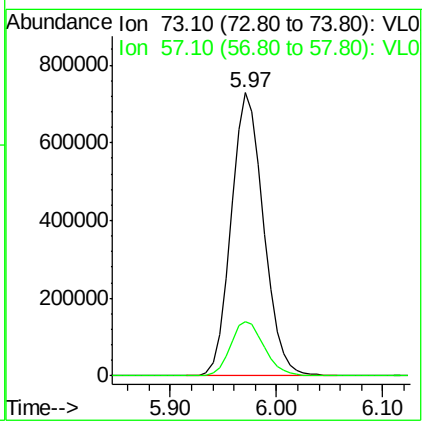
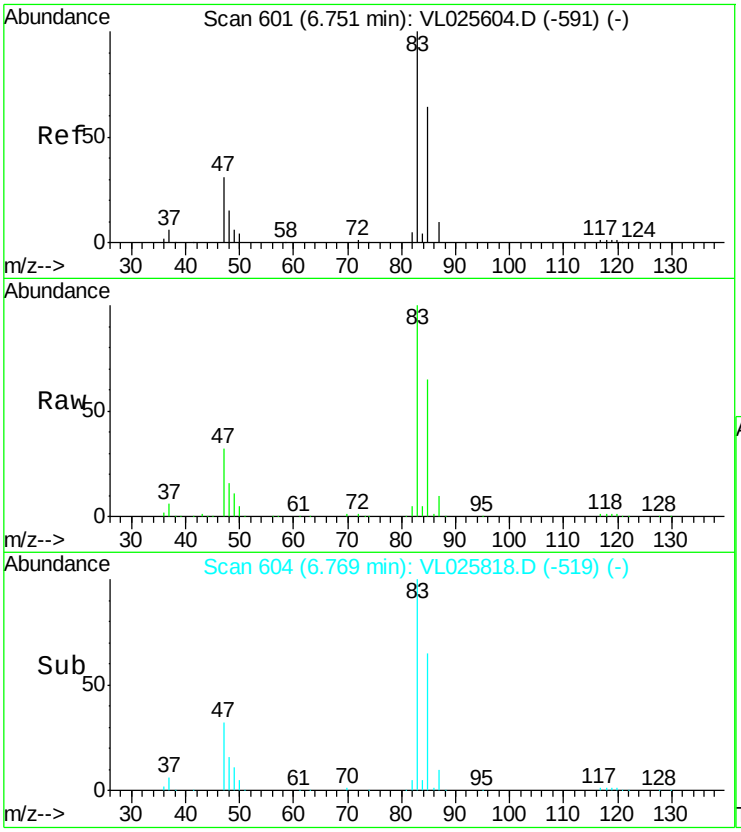


#28
Methyl tert-Butyl Ether
Concen: 9.42 ppbv
RT: 5.97 min Scan# 473
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 73 Resp: 1557036

Ion	Ratio	Lower	Upper
73	100		
57	20.1	16.0	24.0

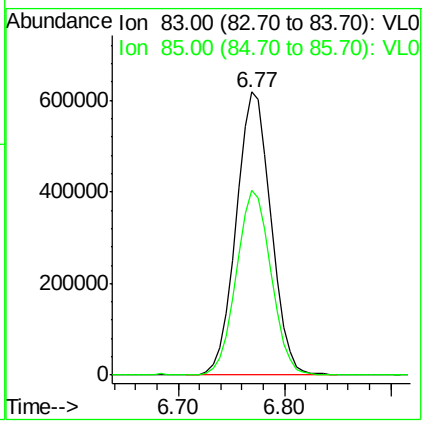




#29
Chloroform
Concen: 8.64 ppbv
RT: 6.77 min Scan# 604
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 83 Resp: 1417817

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.6	77.4



Instrument :
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ClientSampleId :
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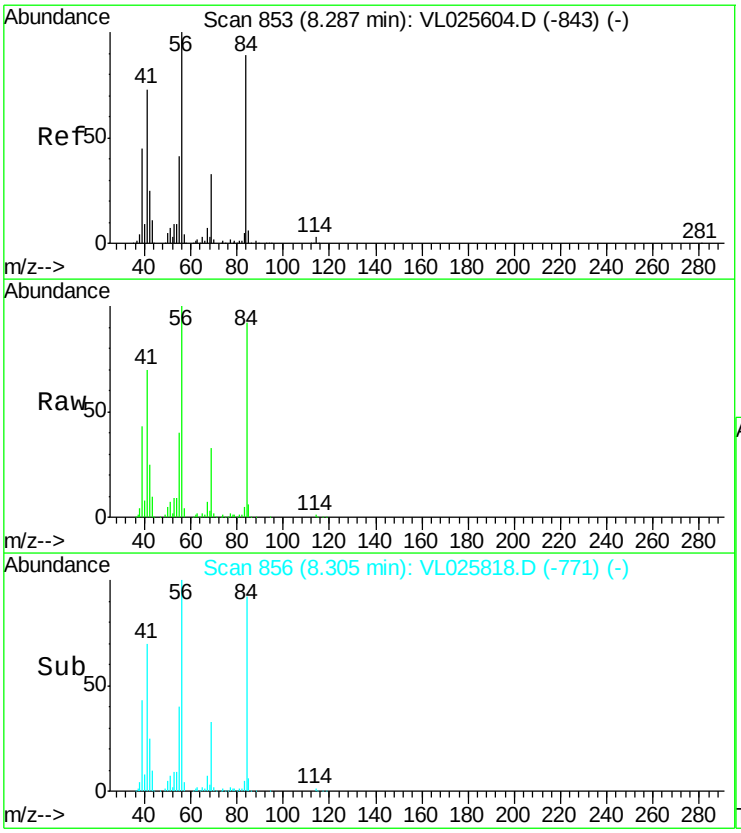
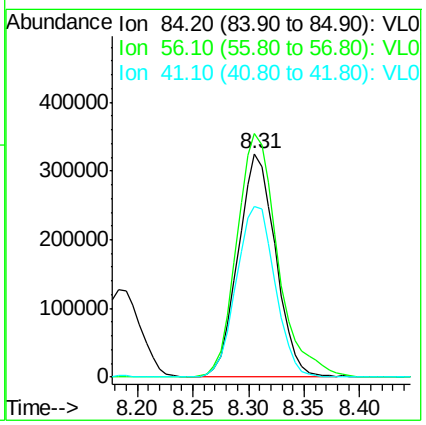
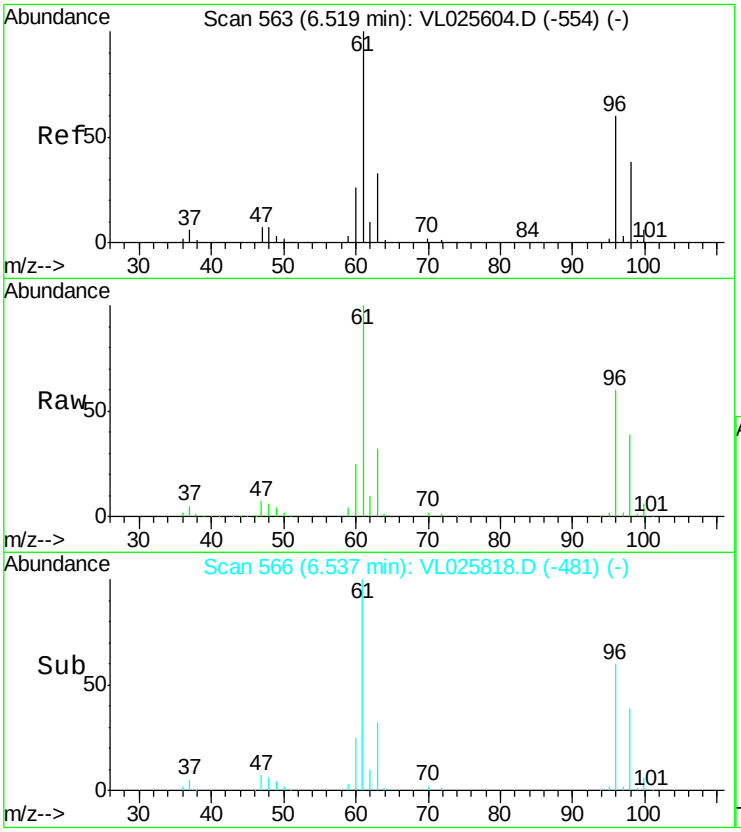


#30
Cyclohexane
Concen: 9.58 ppbv
RT: 8.31 min Scan# 856
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 84 Resp: 761014

Ion	Ratio	Lower	Upper
84	100		
56	119.4	97.5	146.3
41	79.2	65.4	98.2

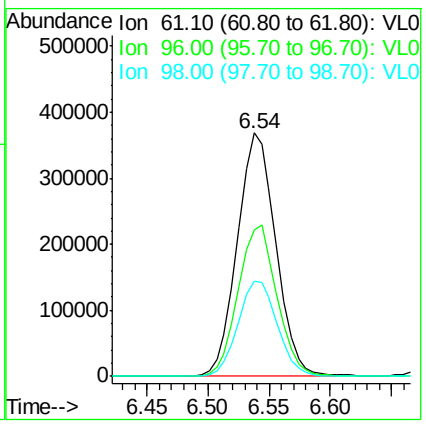




#31
cis-1,2-Dichloroethene
Concen: 9.77 ppbv
RT: 6.54 min Scan# 566
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 61 Resp: 806789

Ion	Ratio	Lower	Upper
61	100		
96	59.9	48.1	72.1
98	39.3	30.7	46.1



Instrument :
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ClientSampleId :
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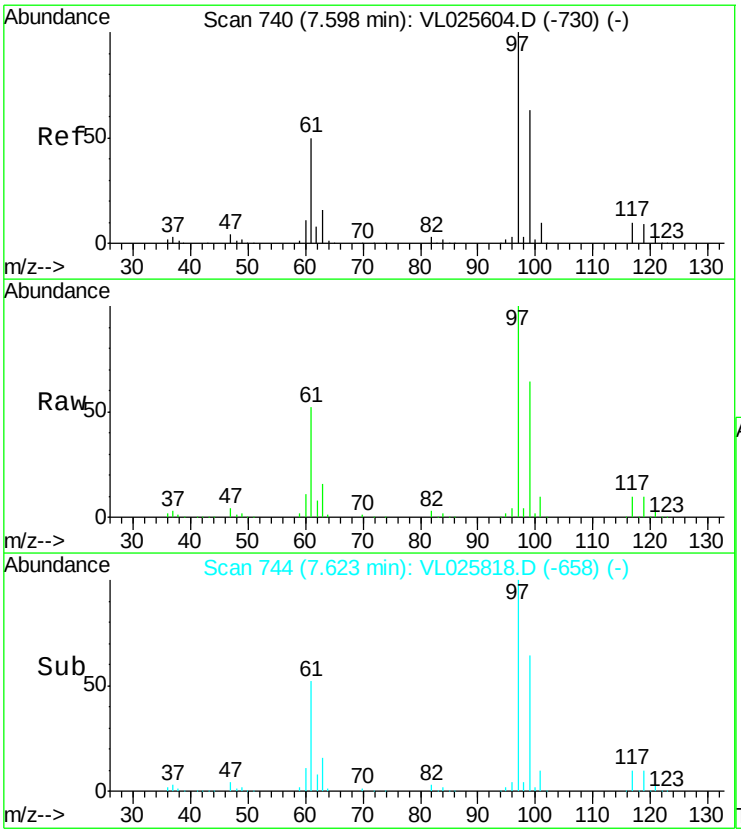
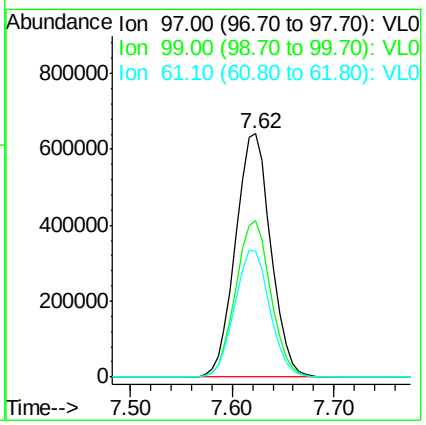
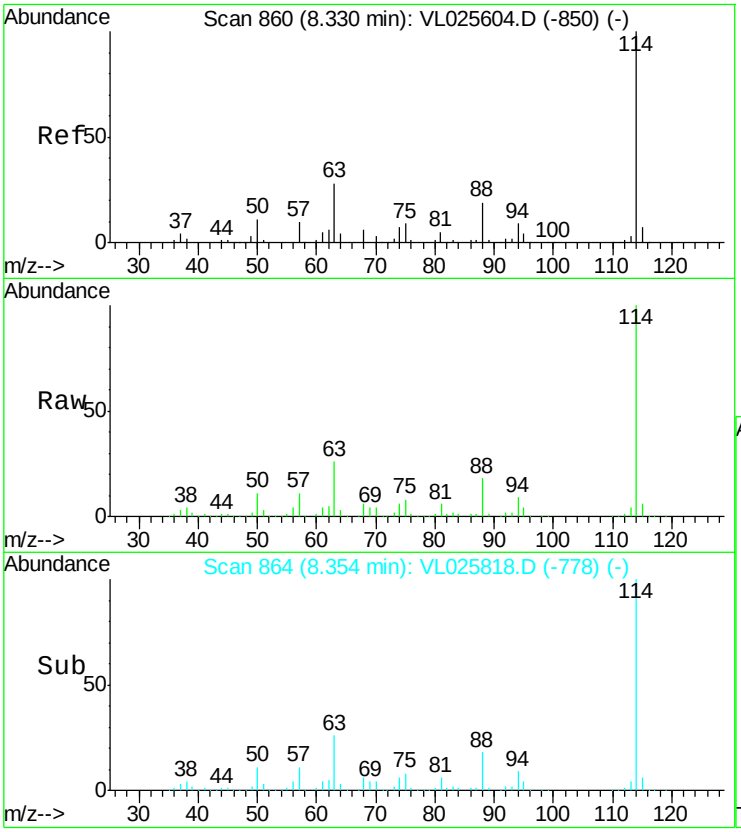


#32
1,1,1-Trichloroethane
Concen: 8.66 ppbv
RT: 7.62 min Scan# 744
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 97 Resp: 1544353

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	52.2	40.4	60.6

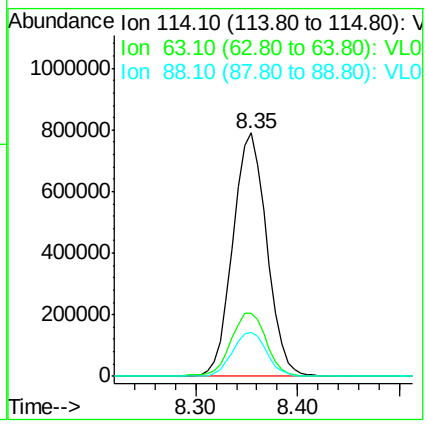




#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.35 min Scan# 864
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:114 Resp: 1819452

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.4	33.6
88	18.3	15.0	22.4



Instrument :
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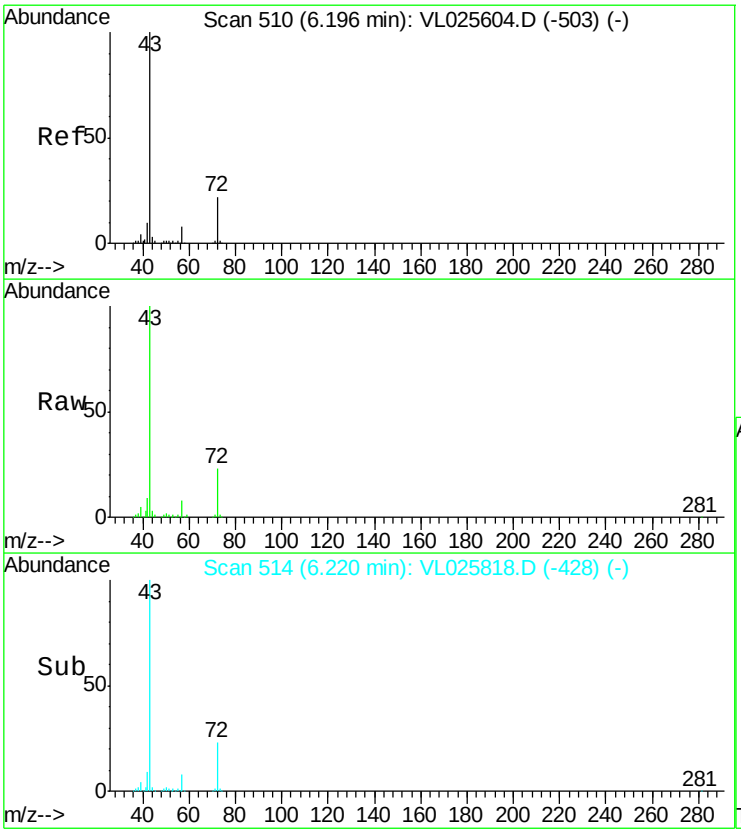
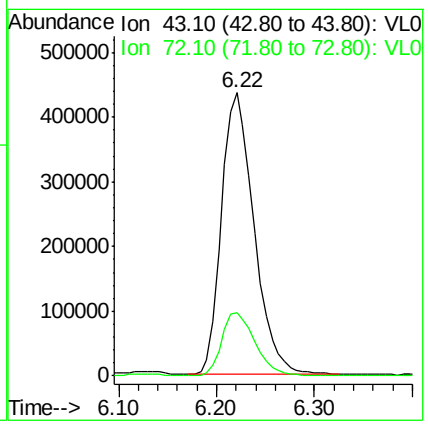
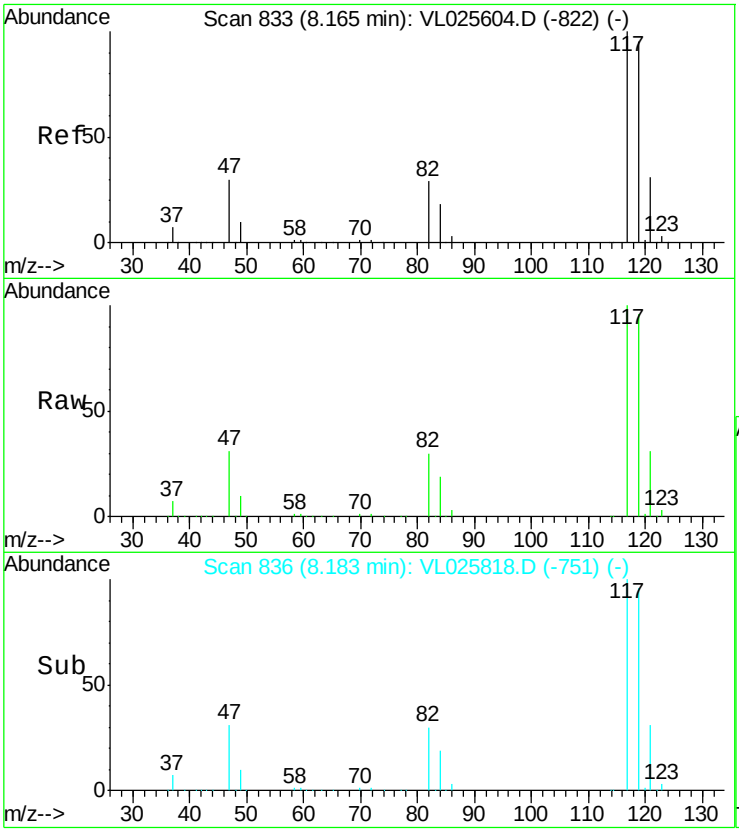


#34
2-Butanone
Concen: 9.76 ppbv
RT: 6.22 min Scan# 514
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 43 Resp: 1008044

Ion	Ratio	Lower	Upper
43	100		
72	23.1	18.6	28.0

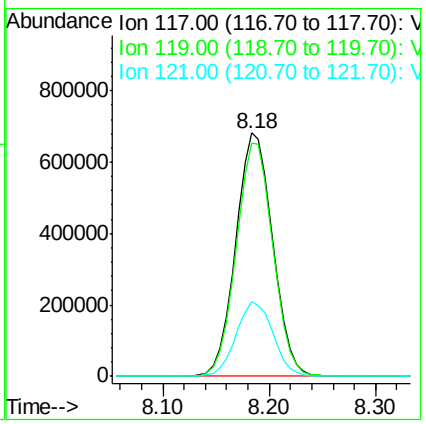




#35
Carbon Tetrachloride
Concen: 8.56 ppbv
RT: 8.18 min Scan# 836
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:117 Resp: 1658650

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.9	113.9
121	30.6	24.4	36.6



Instrument :
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ClientSampleId :
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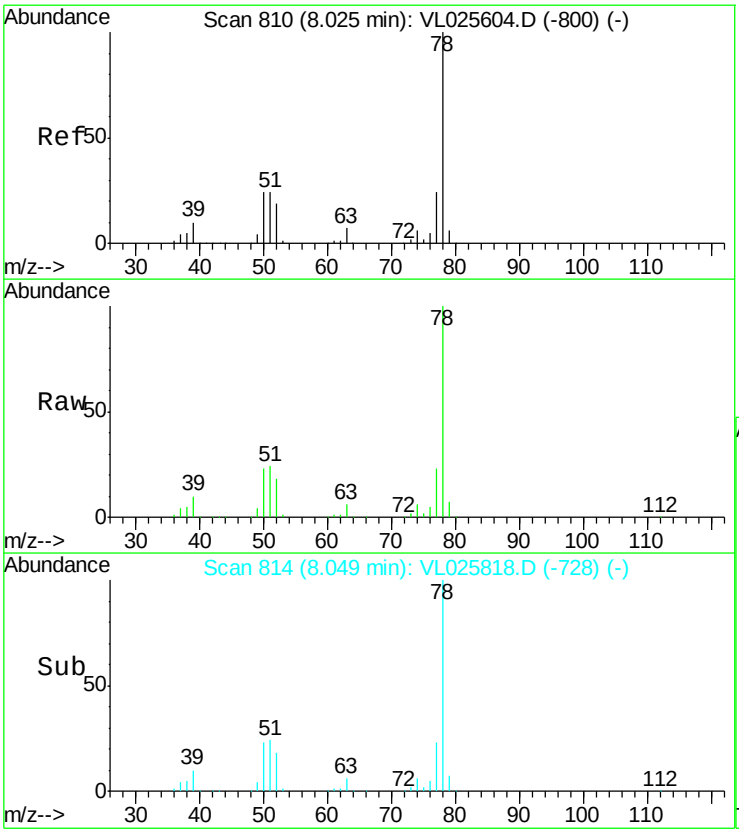
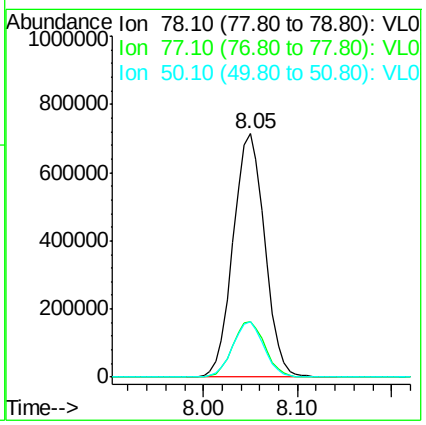
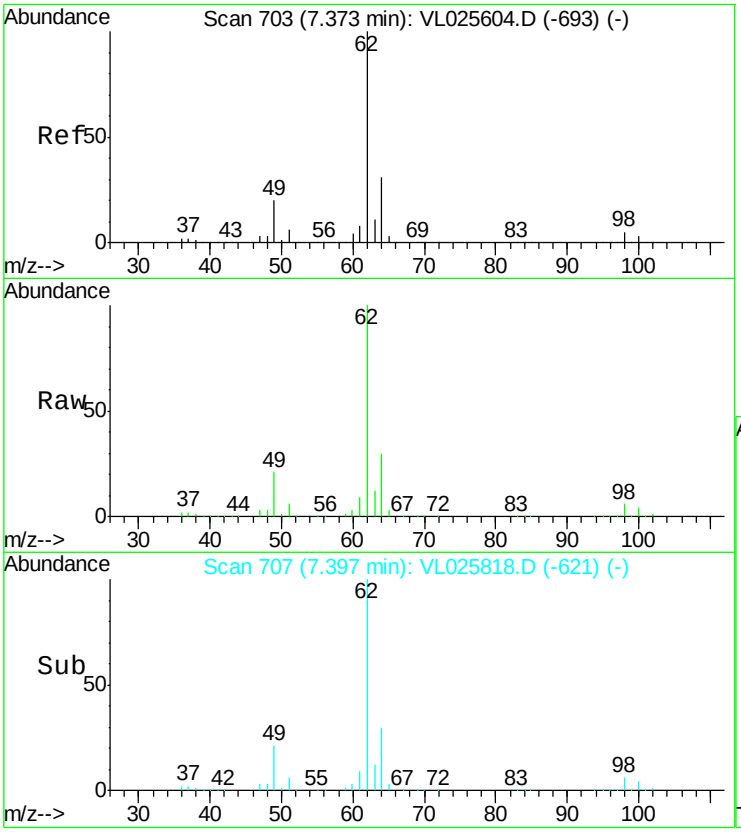


#36
Benzene
Concen: 9.61 ppbv
RT: 8.05 min Scan# 814
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 78 Resp: 1674502

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4
50	22.8	19.2	28.8

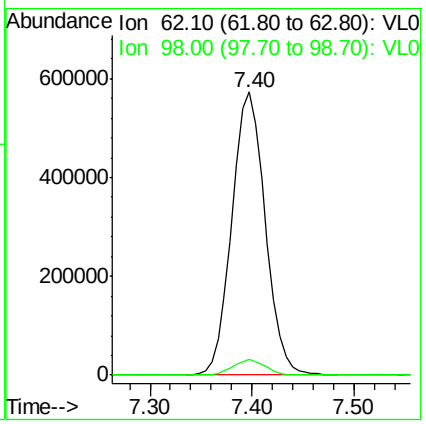




#37
1,2-Dichloroethane
Concen: 8.74 ppbv
RT: 7.40 min Scan# 707
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 62 Resp: 1300816

Ion	Ratio	Lower	Upper
62	100		
98	5.3	4.1	6.1



Instrument :
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ClientSampleId :
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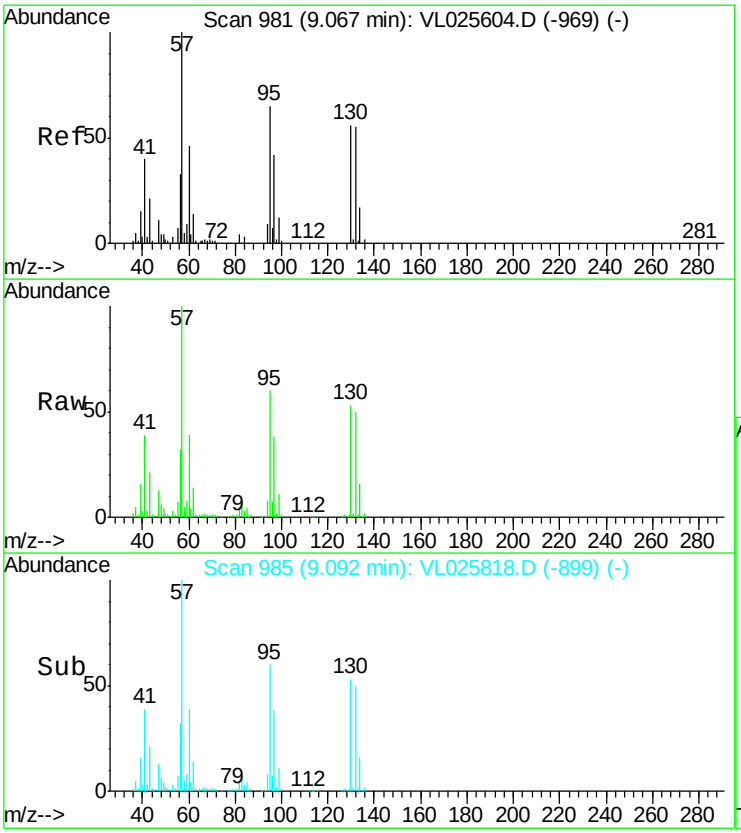
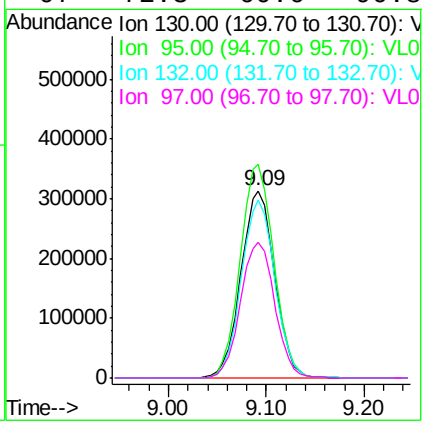
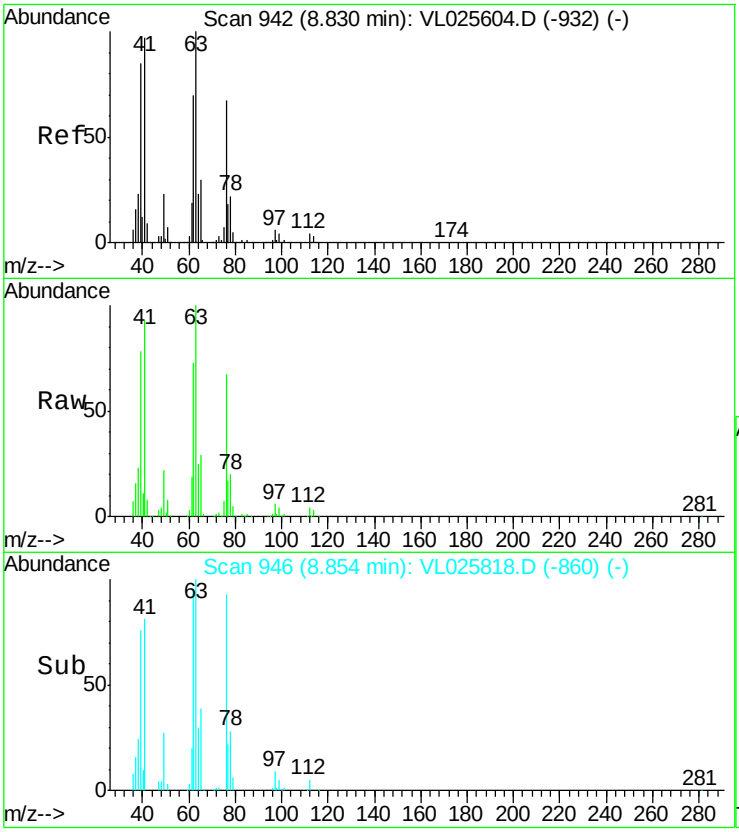


#38
Trichloroethene
Concen: 9.24 ppbv
RT: 9.09 min Scan# 985
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:130 Resp: 748966

Ion	Ratio	Lower	Upper
130	100		
95	113.9	94.2	141.4
132	95.0	78.6	118.0
97	72.3	60.6	90.8

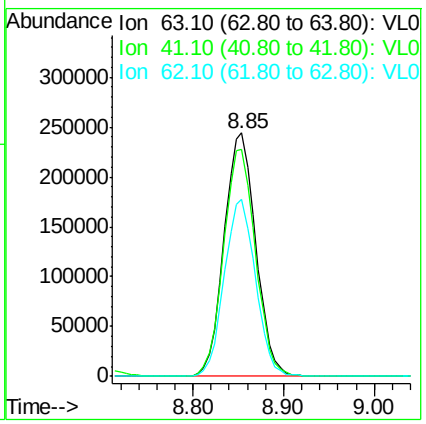




#39
1,2-Dichloropropane
Concen: 9.20 ppbv
RT: 8.85 min Scan# 946
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 63 Resp: 592087

Ion	Ratio	Lower	Upper
63	100		
41	93.0	78.0	117.0
62	72.9	55.7	83.5



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ClientSampleId :
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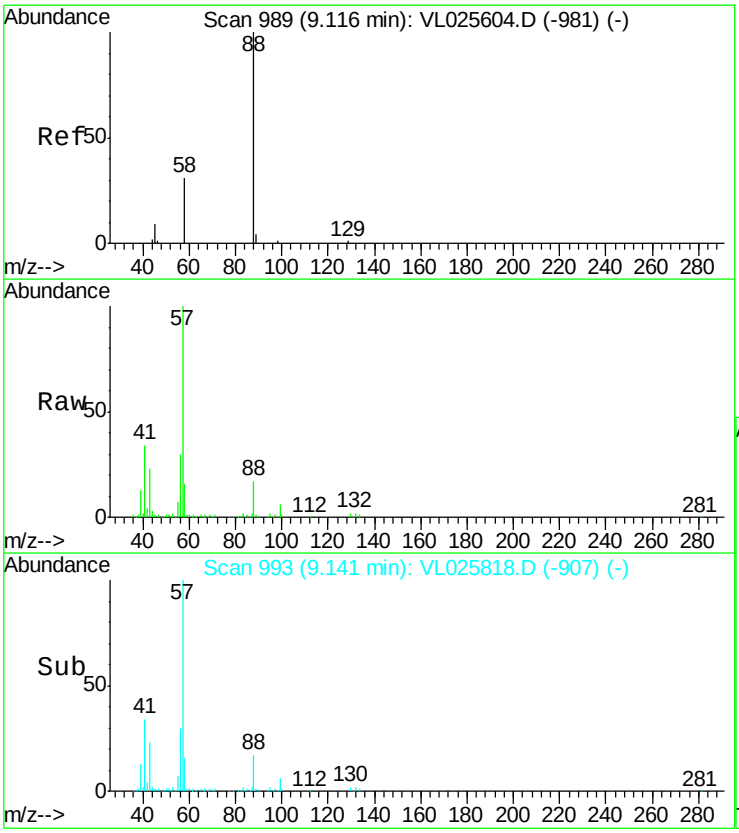
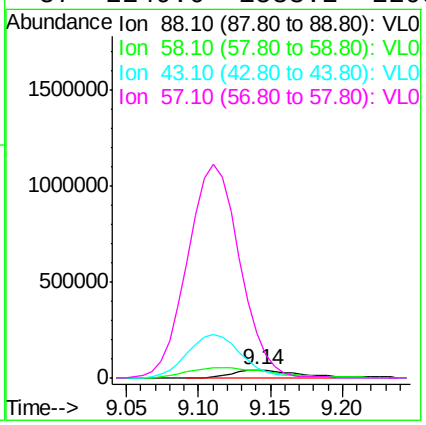
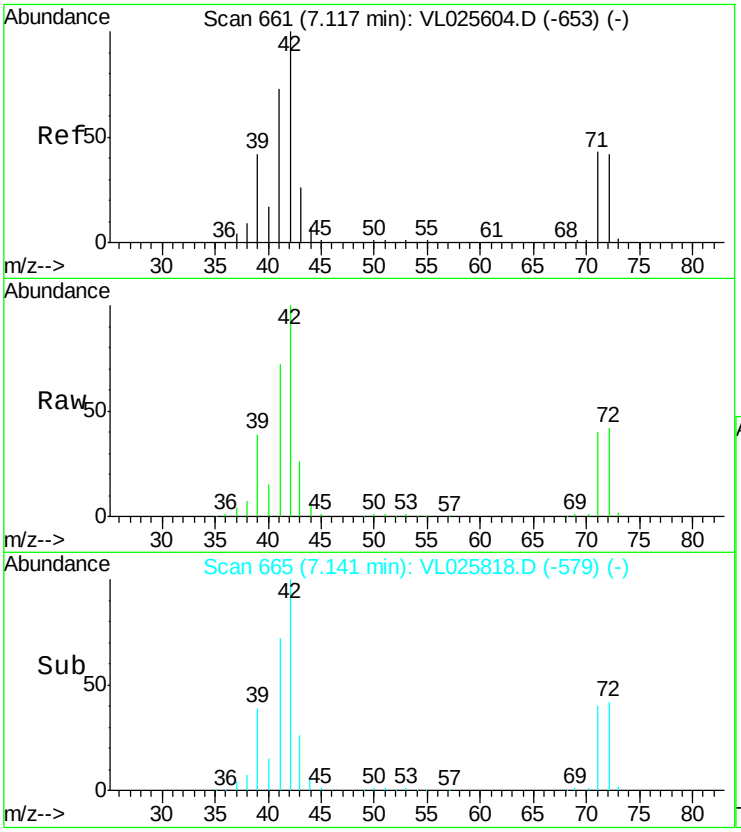


#40
1,4-Dioxane
Concen: 12.48 ppbv
RT: 9.14 min Scan# 993
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 88 Resp: 126001

Ion	Ratio	Lower	Upper
88	100		
58	178.4	127.1	190.7
43	485.8	337.7	506.5
57	2249.0	1533.2	2299.8

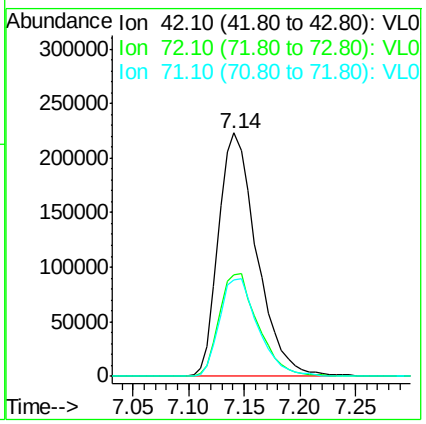




#41
Tetrahydrofuran
Concen: 10.36 ppbv
RT: 7.14 min Scan# 665
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 42 Resp: 533764

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.0	51.0
71	40.6	33.0	49.6



Instrument :
MSVOA_L
ClientSampleId :
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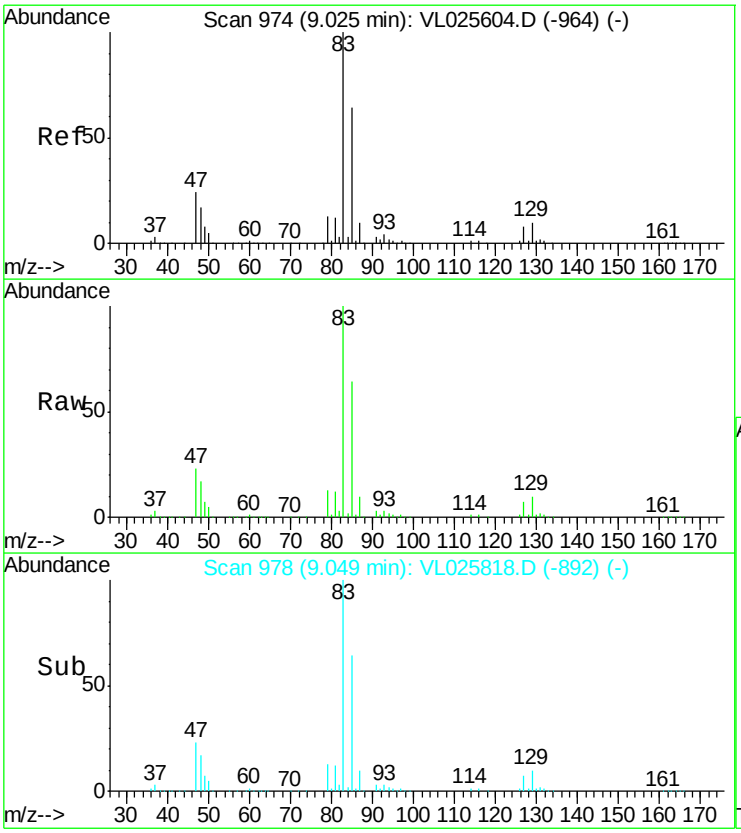
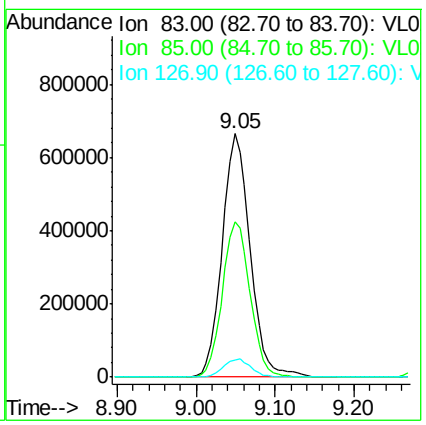
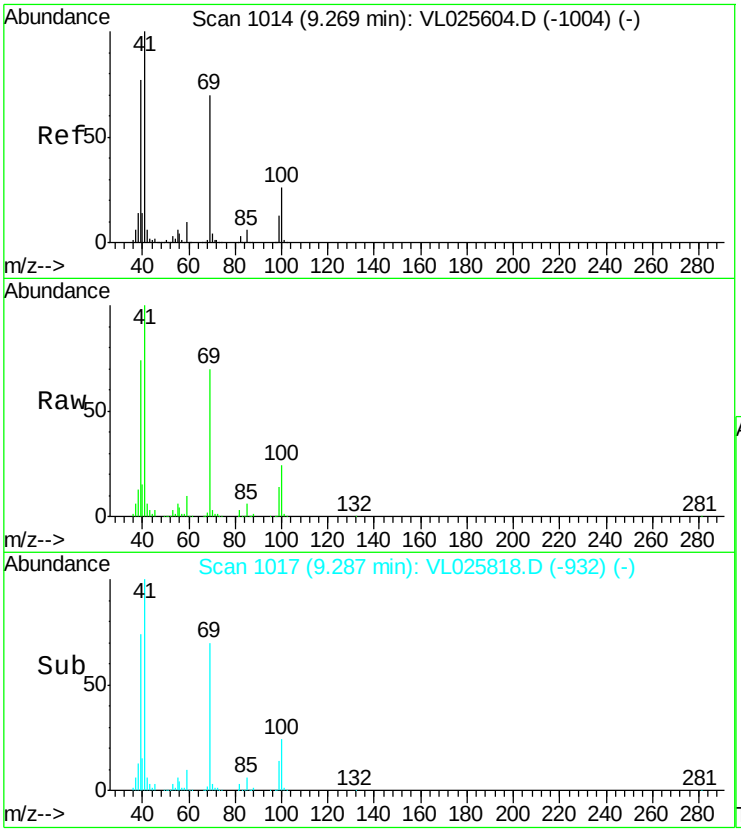


#42
Bromodichloromethane
Concen: 9.15 ppbv
RT: 9.05 min Scan# 978
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 83 Resp: 1642930

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.3	76.9
127	7.2	6.0	9.0

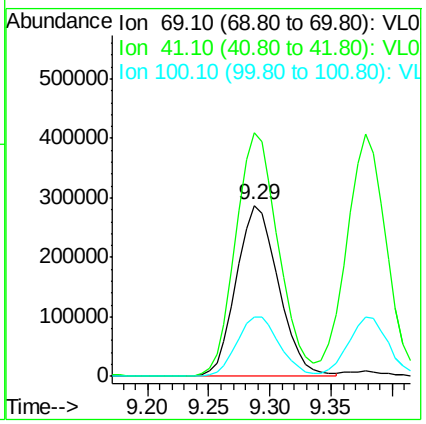




#43
Methyl Methacrylate
Concen: 10.34 ppbv
RT: 9.29 min Scan# 1017
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 69 Resp: 691430

Ion	Ratio	Lower	Upper
69	100		
41	145.0	117.3	175.9
100	35.5	29.0	43.6



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ClientSampleId :
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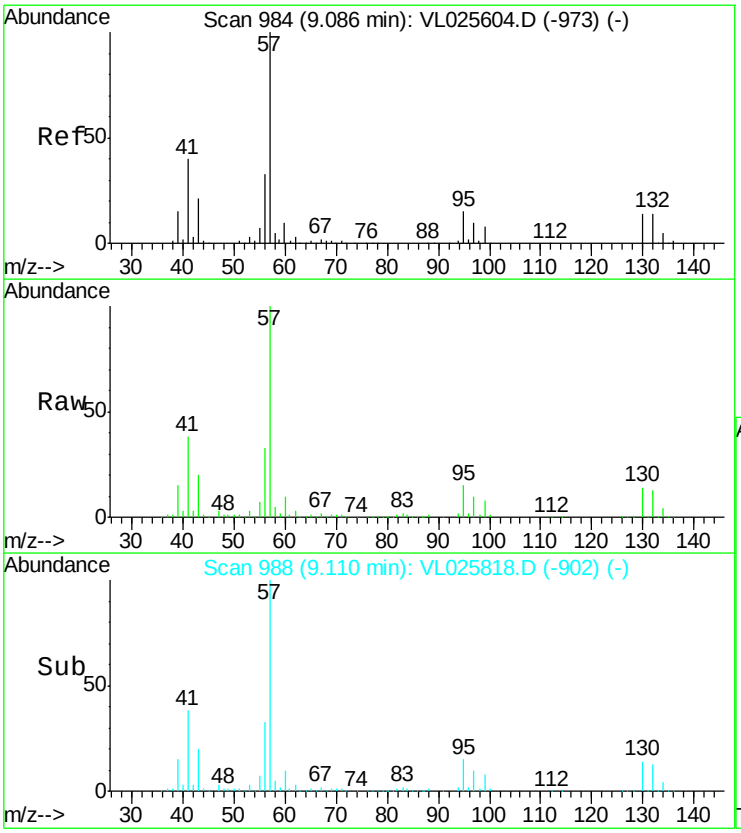
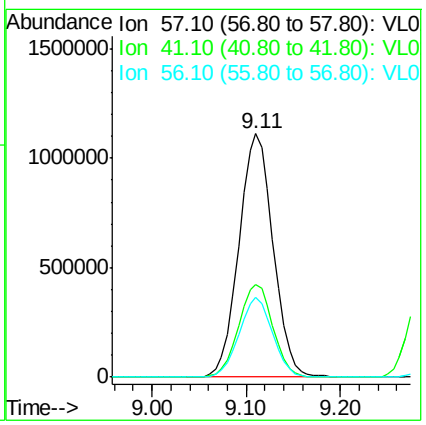
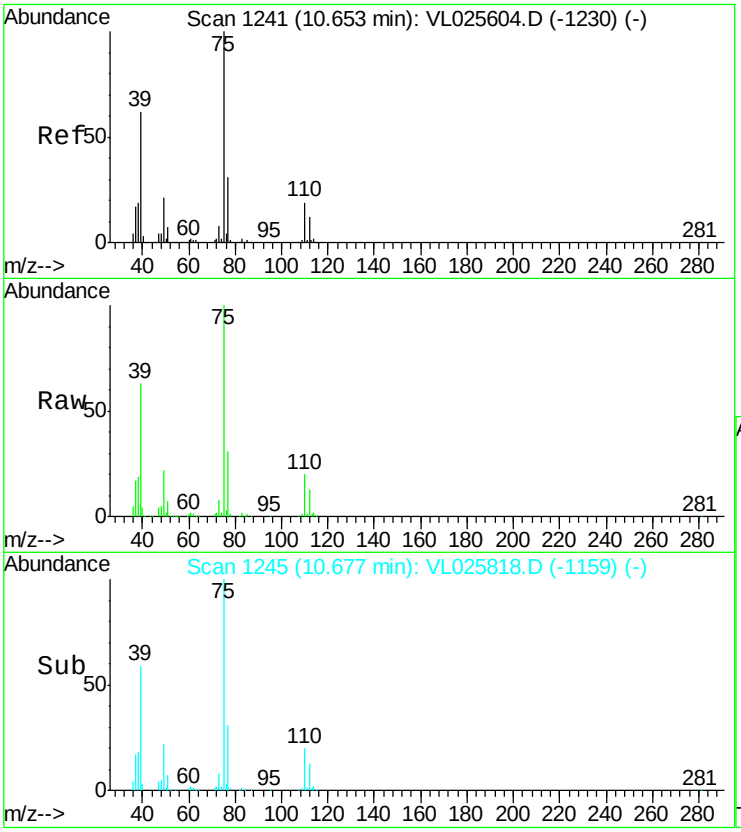


#44
2,2,4-Trimethylpentane
Concen: 9.45 ppbv
RT: 9.11 min Scan# 988
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 57 Resp: 2825976

Ion	Ratio	Lower	Upper
57	100		
41	38.2	31.2	46.8
56	32.0	25.4	38.2

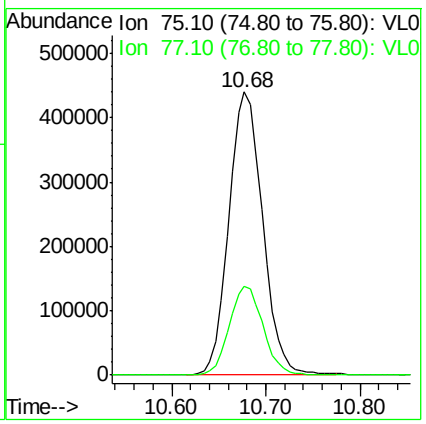




#45
t-1,3-Dichloropropene
Concen: 9.78 ppbv
RT: 10.68 min Scan# 1245
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 75 Resp: 1099943

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	37.0



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ClientSampleId :
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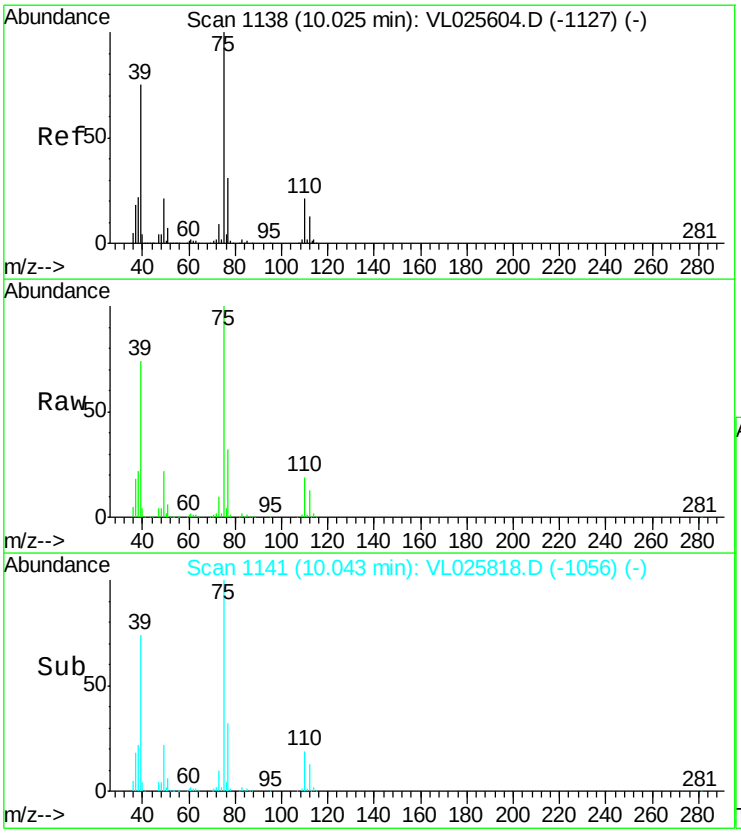
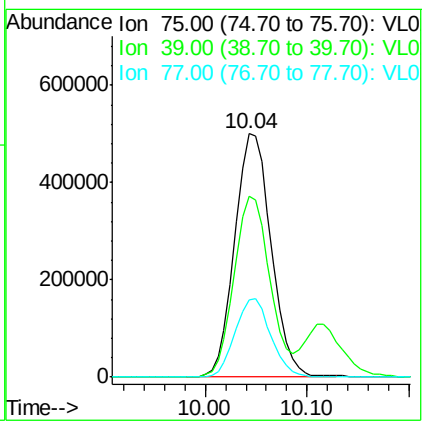
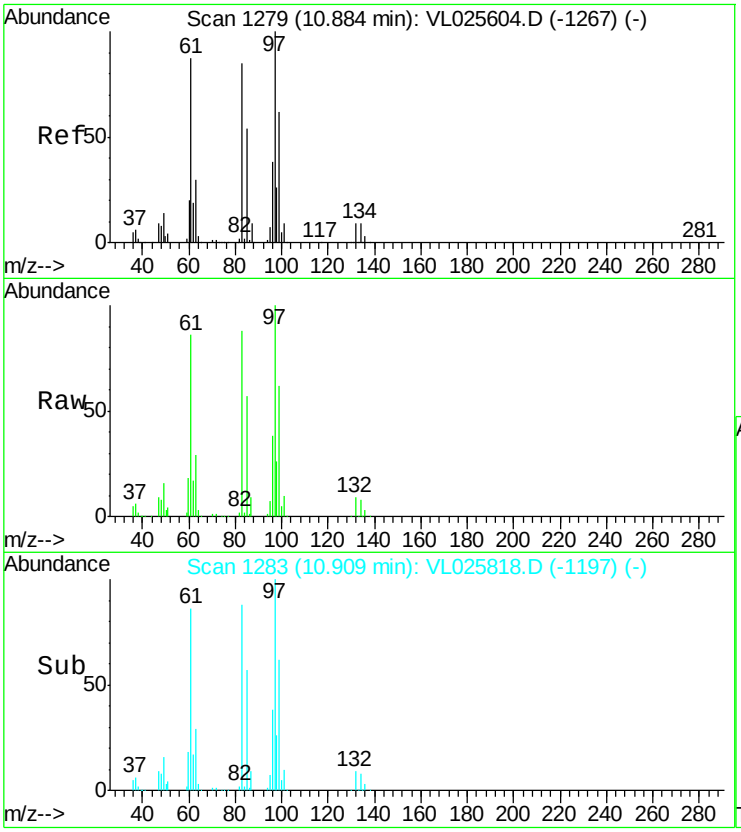


#46
cis-1,3-Dichloropropene
Concen: 10.01 ppbv
RT: 10.04 min Scan# 1141
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 75 Resp: 1244825

Ion	Ratio	Lower	Upper
75	100		
39	74.3	60.4	90.6
77	31.8	24.6	37.0

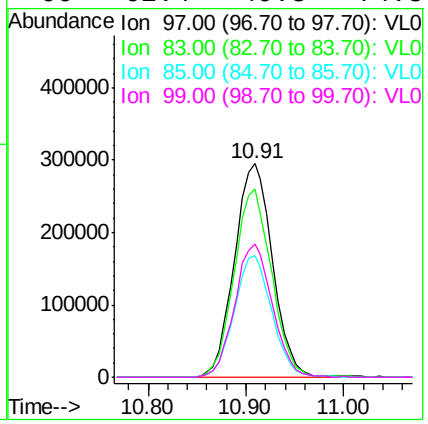




#47
1,1,2-Trichloroethane
Concen: 8.89 ppbv
RT: 10.91 min Scan# 1283
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 97 Resp: 796500

Ion	Ratio	Lower	Upper
97	100		
83	87.9	67.8	101.8
85	56.8	43.5	65.3
99	62.4	49.8	74.8



Instrument :
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ClientSampleId :
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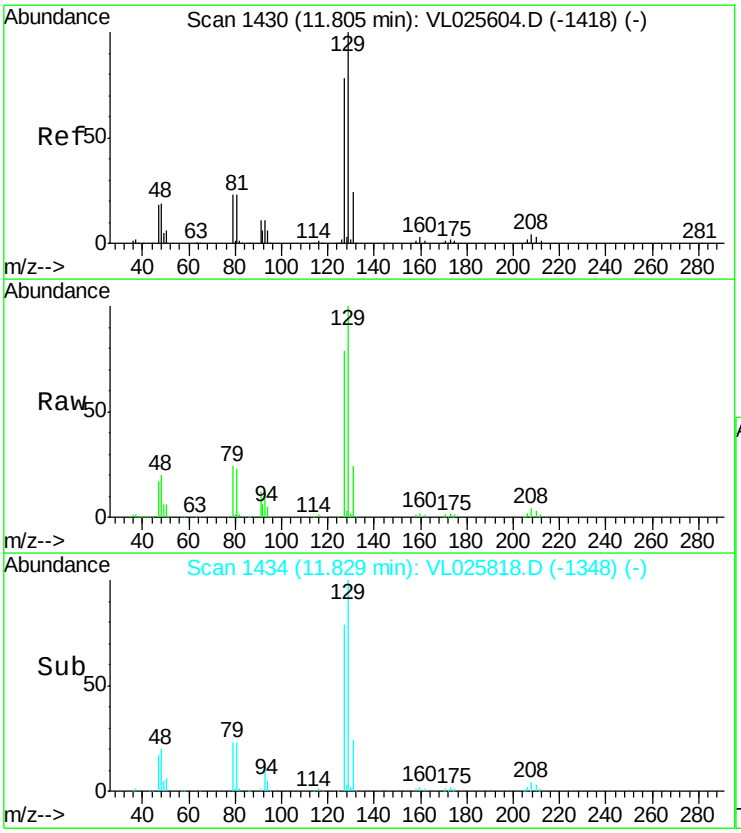
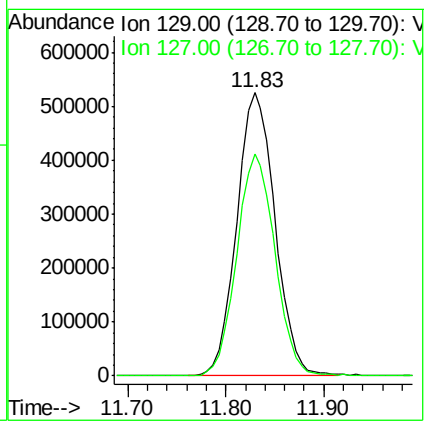
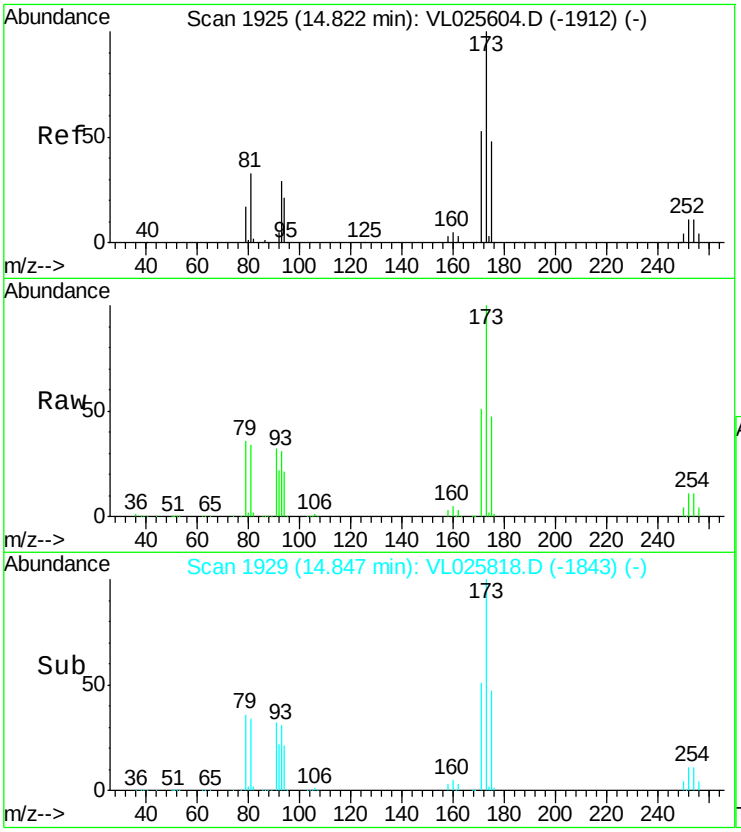


#48
Dibromochloromethane
Concen: 8.89 ppbv
RT: 11.83 min Scan# 1434
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:129 Resp: 1424287

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.0	116.9

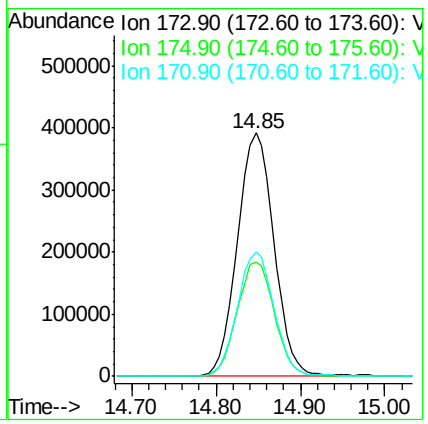




#49
Bromoform
Concen: 8.73 ppbv
RT: 14.85 min Scan# 1929
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:173 Resp: 1153891

Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.5	59.3
171	51.6	42.2	63.2



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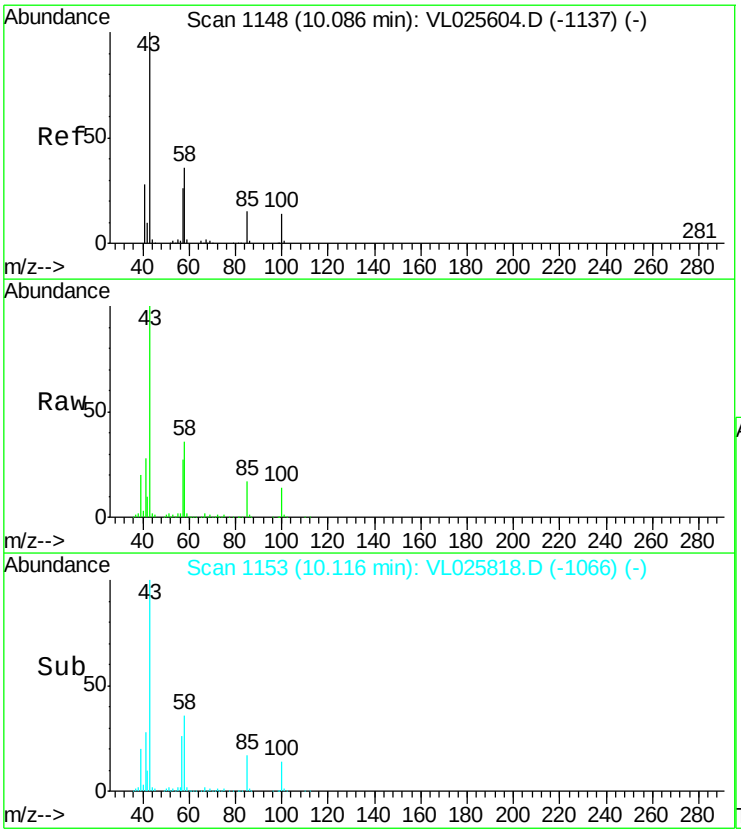
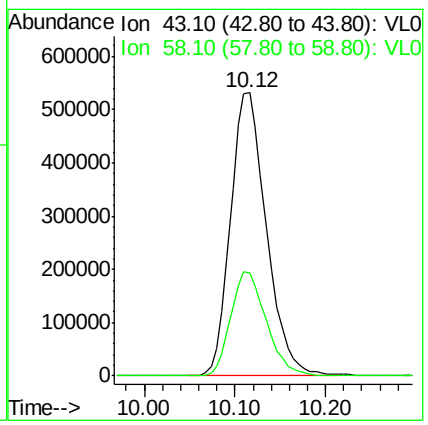
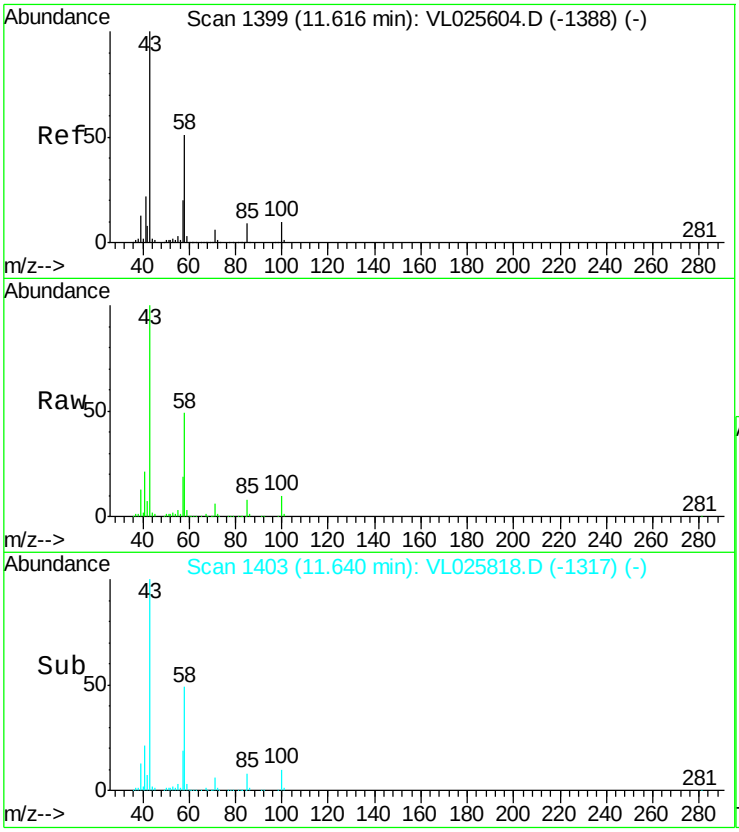


#50
4-Methyl-2-Pentanone
Concen: 9.78 ppbv
RT: 10.12 min Scan# 1153
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 43 Resp: 1454112

Ion	Ratio	Lower	Upper
43	100		
58	36.8	28.5	42.7





#51
2-Hexanone
Concen: 10.41 ppbv
RT: 11.64 min Scan# 1403
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 43 Resp: 1389199

Ion	Ratio	Lower	Upper
43	100		
58	49.2	39.0	58.6
98	0.4	0.2	0.4#

Instrument :
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ClientSampleId :
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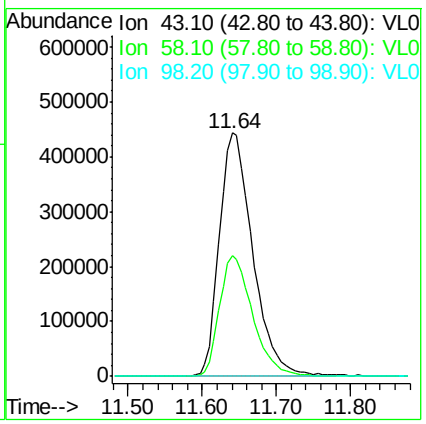
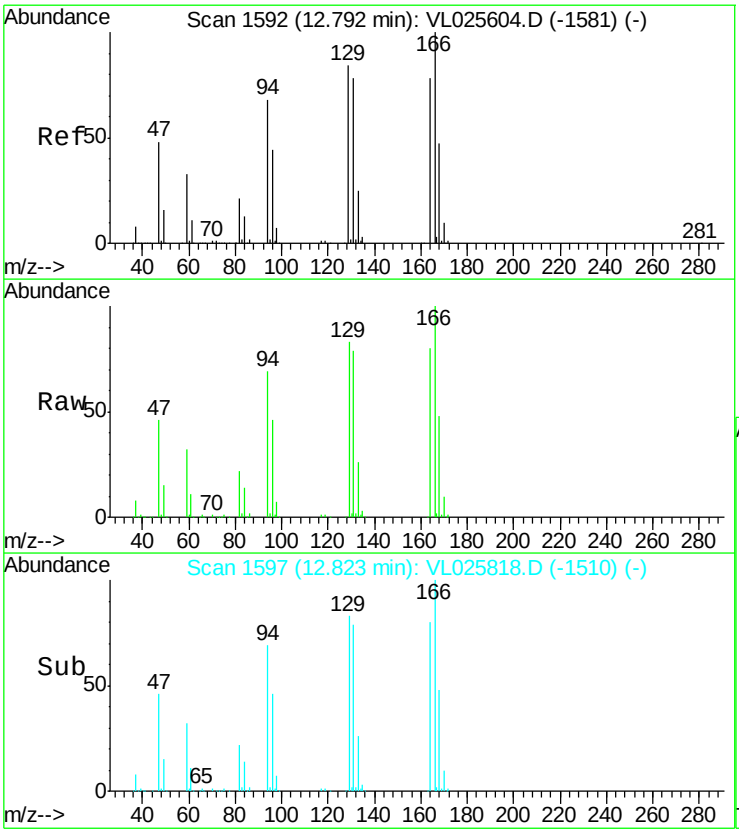
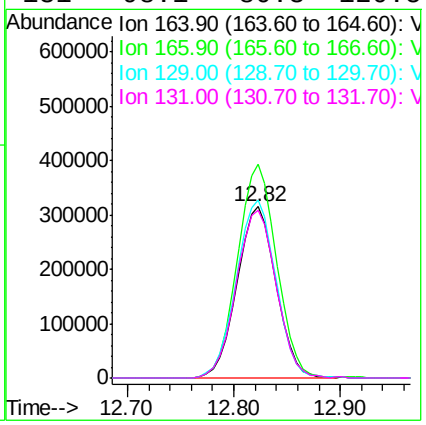


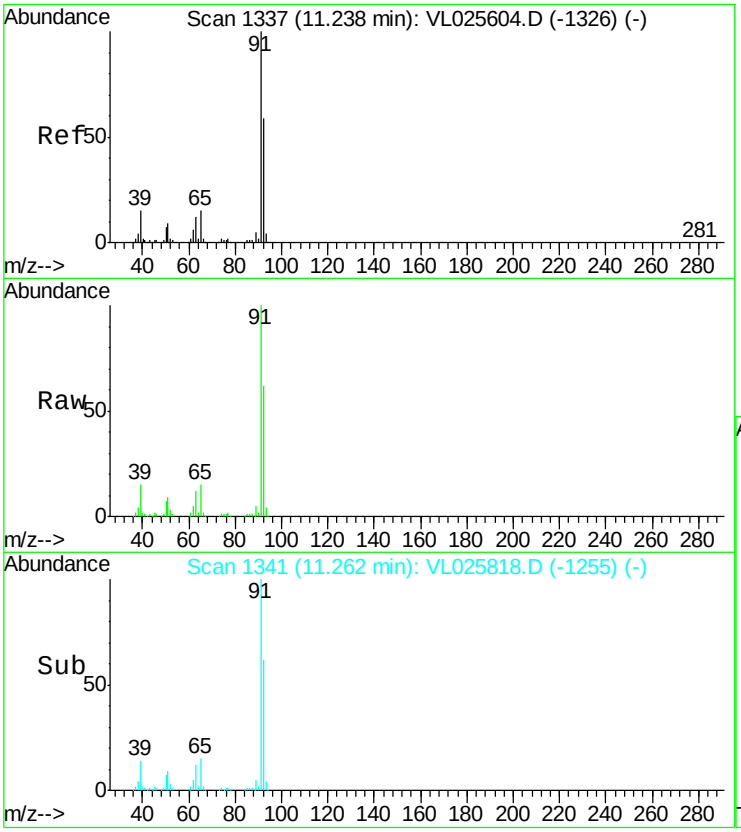


#52
Tetrachloroethene
Concen: 9.28 ppbv
RT: 12.82 min Scan# 1597
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:164 Resp: 811301

Ion	Ratio	Lower	Upper
164	100		
166	124.6	102.3	153.5
129	103.6	86.2	129.4
131	98.1	80.3	120.5

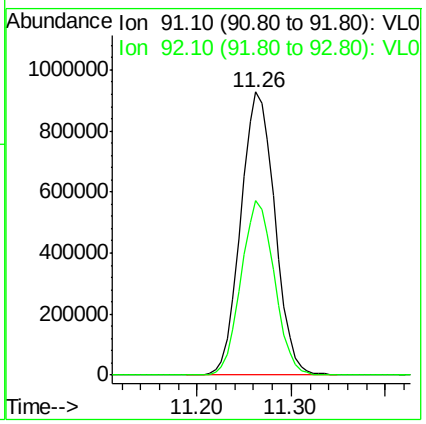




#53
Toluene
Concen: 9.56 ppbv
RT: 11.26 min Scan# 1341
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 91 Resp: 2340731

Ion	Ratio	Lower	Upper
91	100		
92	60.6	48.2	72.2



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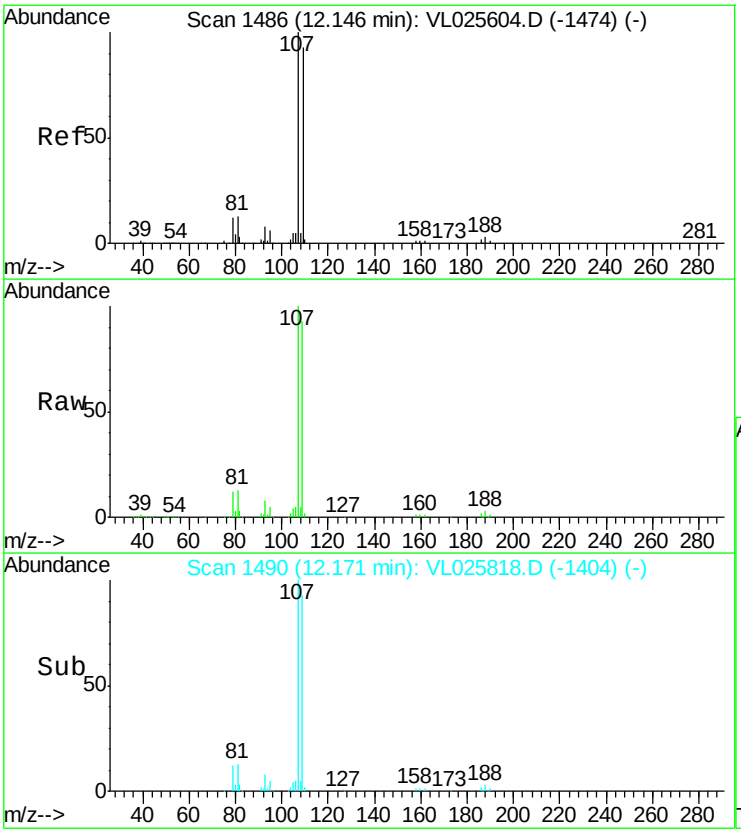
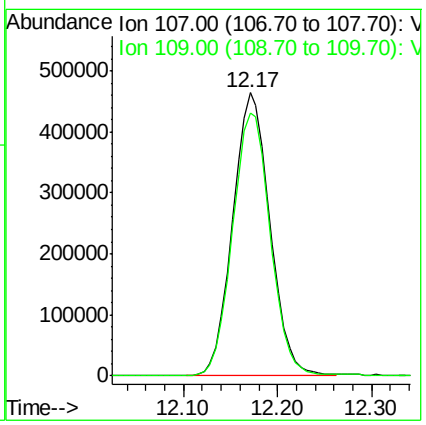
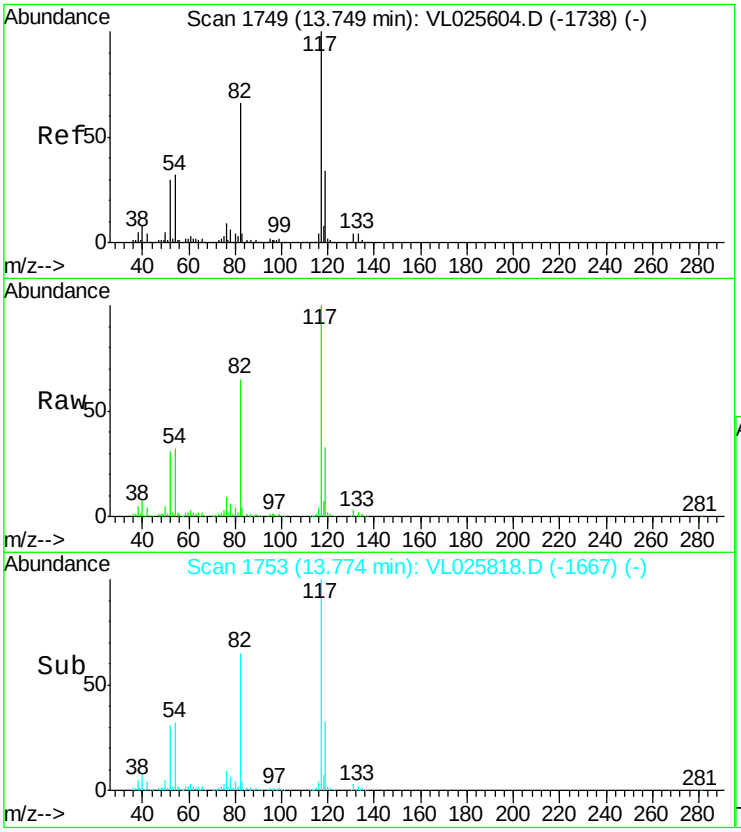


#54
1,2-Dibromoethane
Concen: 8.83 ppbv
RT: 12.17 min Scan# 1490
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:107 Resp: 1279803

Ion	Ratio	Lower	Upper
107	100		
109	92.9	74.1	111.1

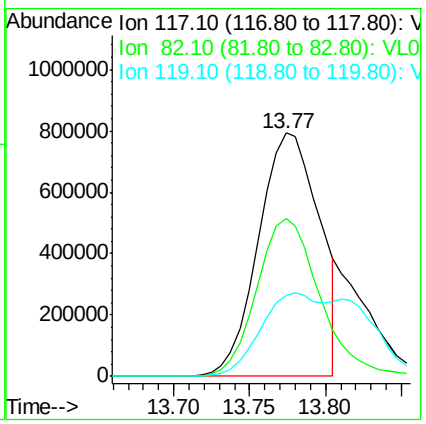




#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 13.77 min Scan# 1753
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:117 Resp: 2215338

Ion	Ratio	Lower	Upper
117	100		
82	67.7	50.5	75.7
119	59.5	45.1	67.7



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ClientSampleId :
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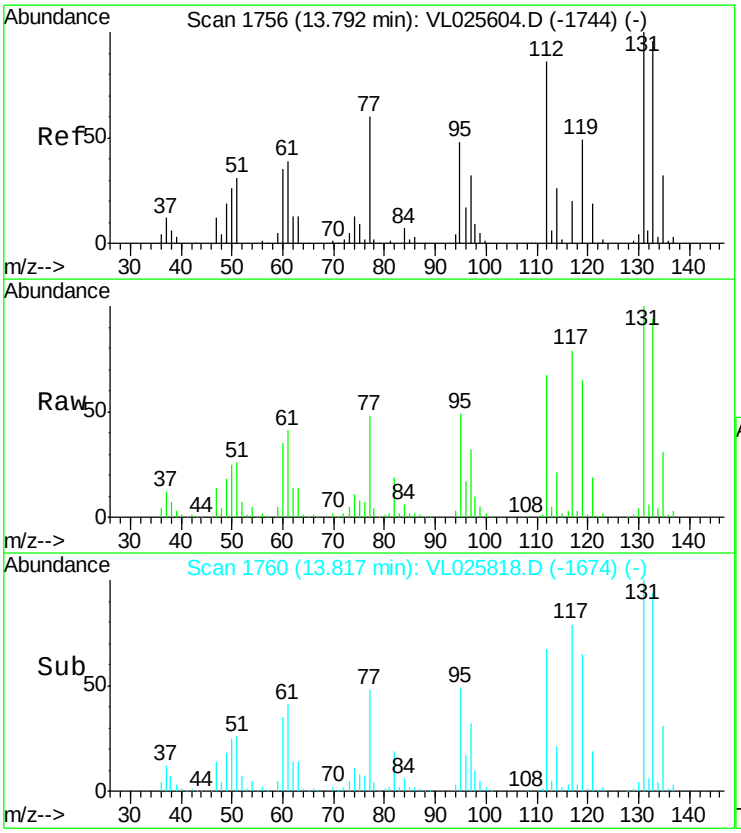
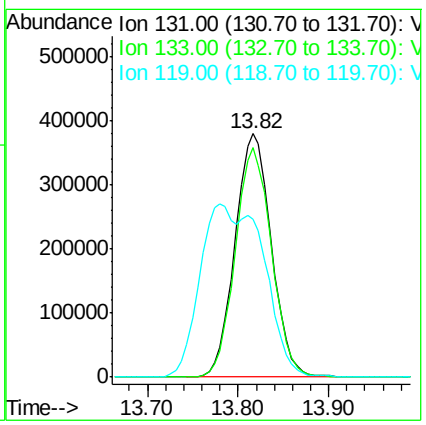
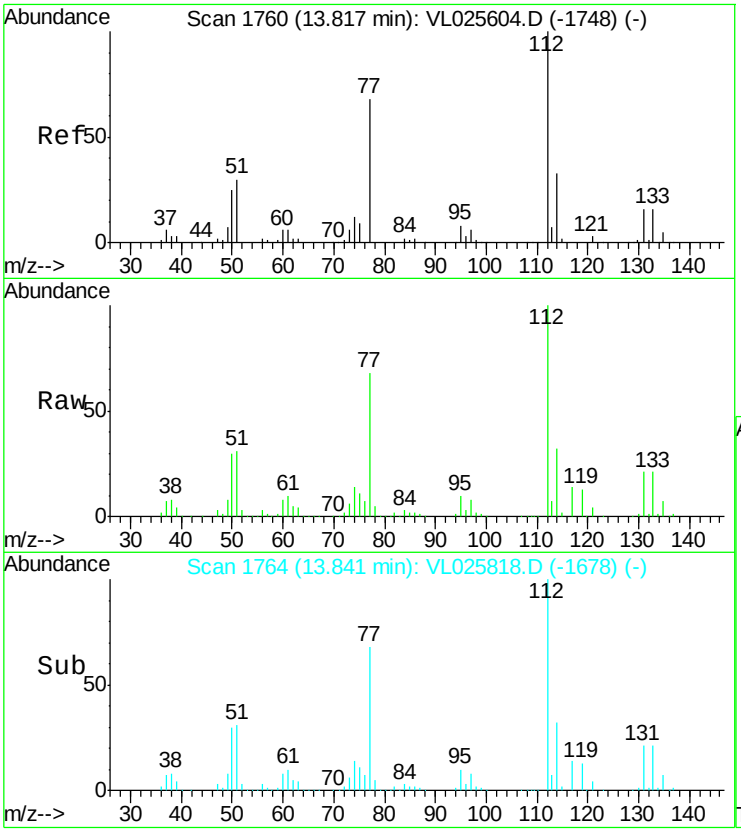


#56
1,1,1,2-Tetrachloroethane
Concen: 8.78 ppbv
RT: 13.82 min Scan# 1760
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:131 Resp: 1051044

Ion	Ratio	Lower	Upper
131	100		
133	94.7	76.9	115.3
119	125.4	97.8	146.8

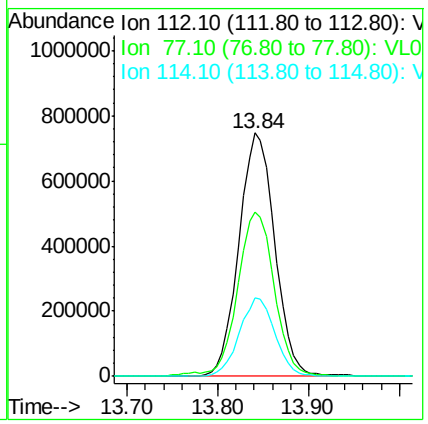




#57
Chlorobenzene
Concen: 8.70 ppbv
RT: 13.84 min Scan# 1764
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:112 Resp: 2051233

Ion	Ratio	Lower	Upper
112	100		
77	67.3	55.2	82.8
114	32.3	29.4	36.0



Instrument :
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ClientSampleId :
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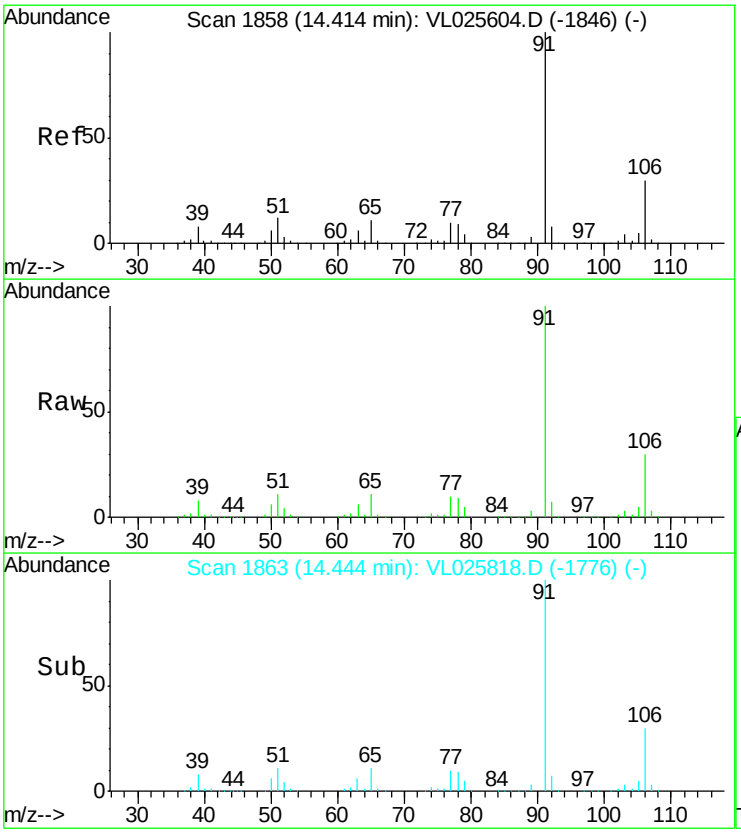
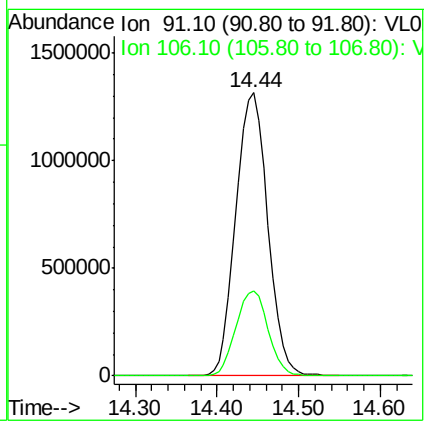
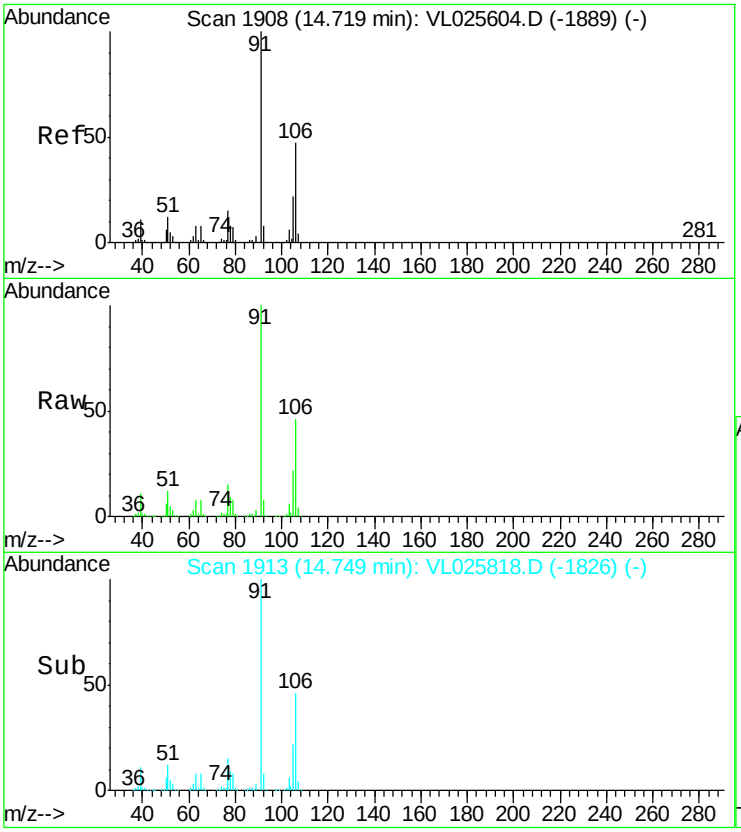


#58
Ethyl Benzene
Concen: 9.79 ppbv
RT: 14.44 min Scan# 1863
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 91 Resp: 3583381

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.2	36.2

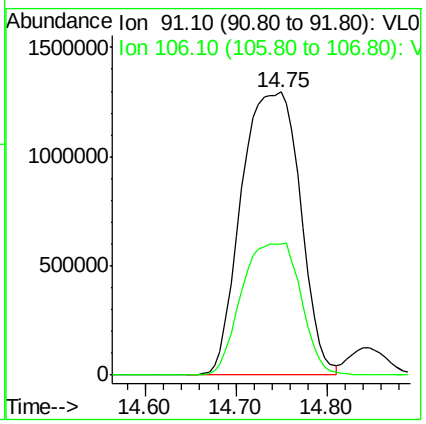




#59
m/p-Xylene
Concen: 18.09 ppbv
RT: 14.75 min Scan# 1913
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 91 Resp: 5818057

Ion	Ratio	Lower	Upper
91	100		
106	47.0	37.9	56.9



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ClientSampleId :
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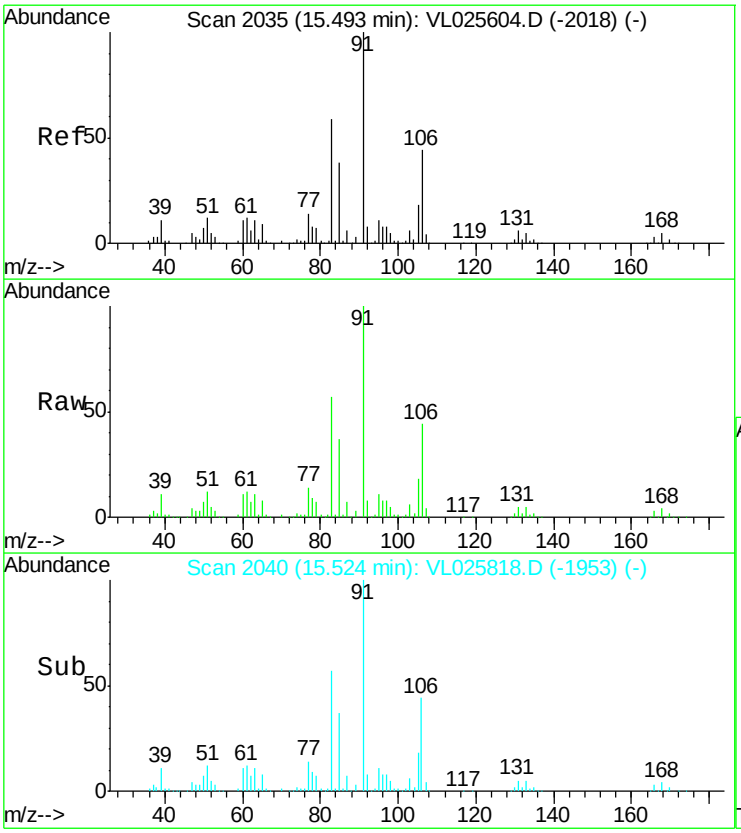
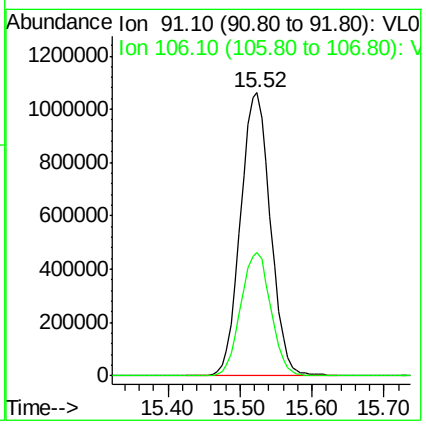
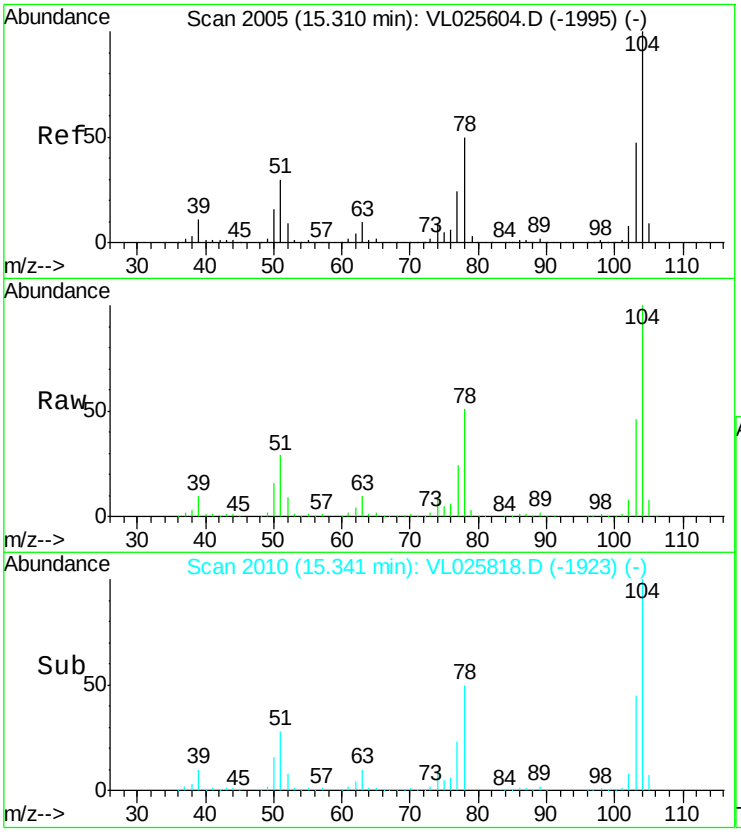


#60
o-Xylene
Concen: 8.83 ppbv
RT: 15.52 min Scan# 2040
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 91 Resp: 3056780

Ion	Ratio	Lower	Upper
91	100		
106	43.9	22.1	66.1

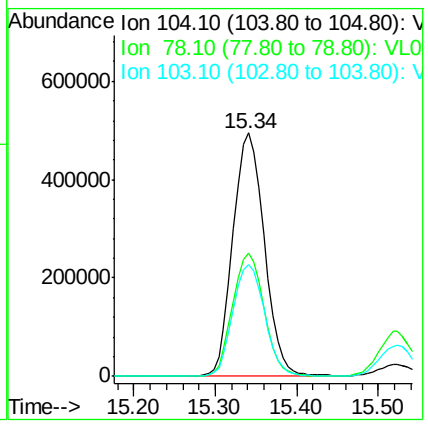




#61
Styrene
Concen: 10.94 ppbv
RT: 15.34 min Scan# 2010
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:104 Resp: 1326969

Ion	Ratio	Lower	Upper
104	100		
78	50.7	40.2	60.4
103	46.6	37.4	56.2



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ClientSampleId :
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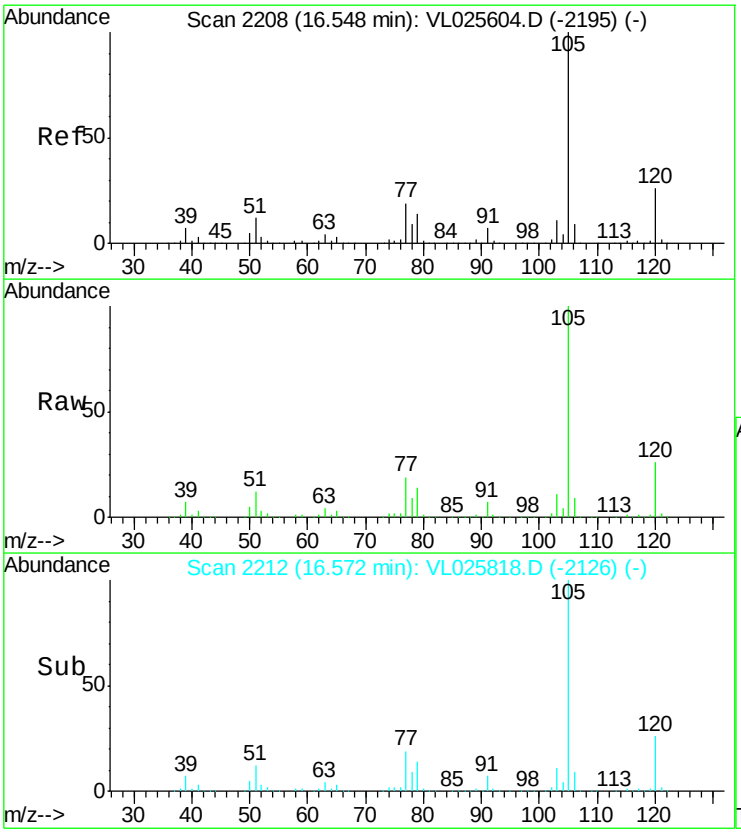
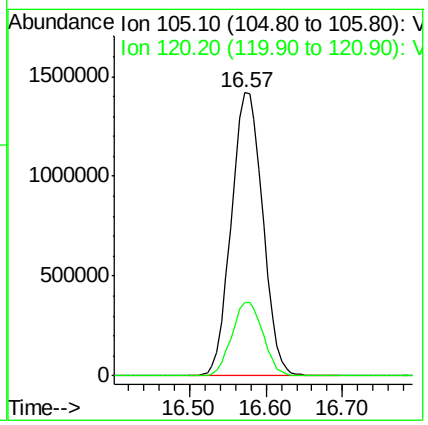
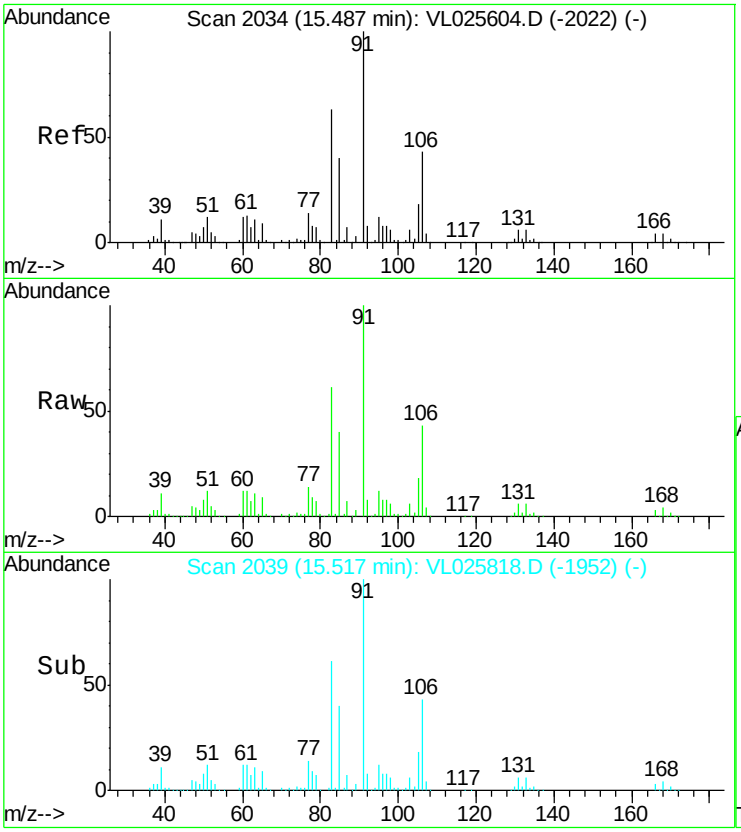


#62
Isopropylbenzene
Concen: 8.93 ppbv
RT: 16.57 min Scan# 2212
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:105 Resp: 4043367

Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.6	31.0

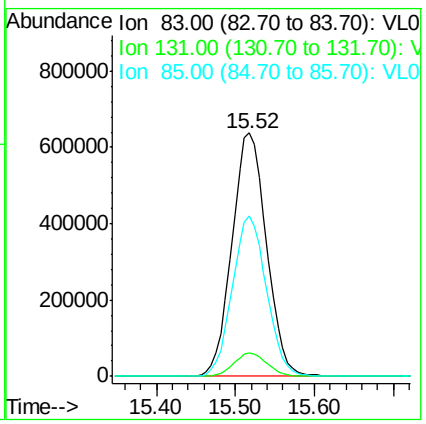




#63
1,1,2,2-Tetrachloroethane
Concen: 8.29 ppbv
RT: 15.52 min Scan# 2039
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 83 Resp: 1941555

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.4
85	65.3	32.4	97.2



Instrument :
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ClientSampleId :
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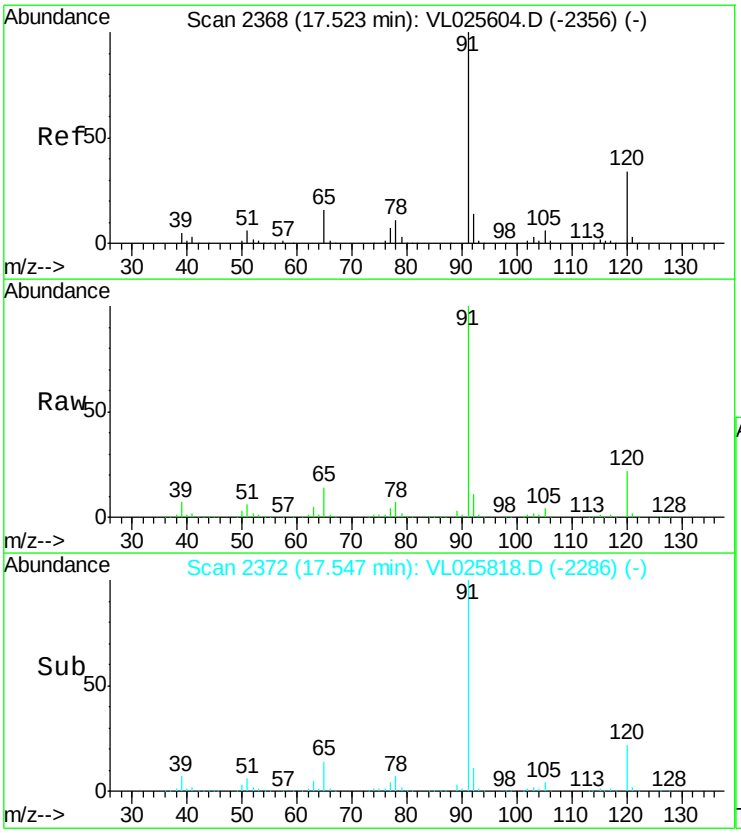
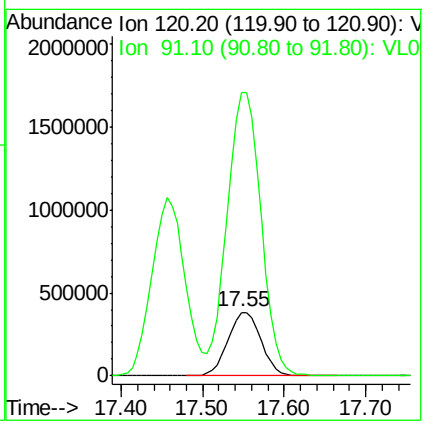
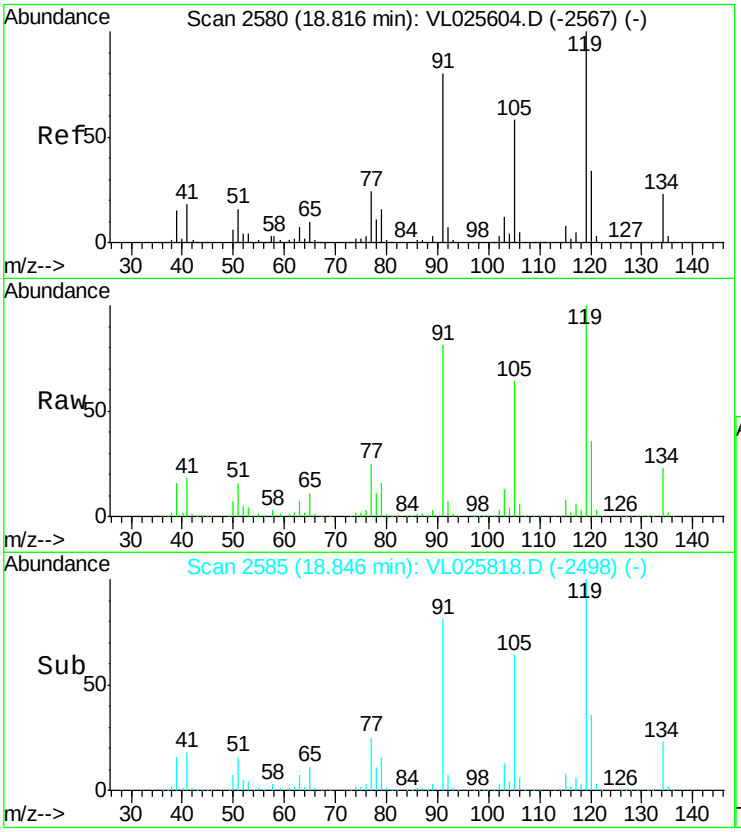


#64
n-propylbenzene
Concen: 8.77 ppbv
RT: 17.55 min Scan# 2372
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:120 Resp: 1072600

Ion	Ratio	Lower	Upper
120	100		
91	449.6	370.5	555.7

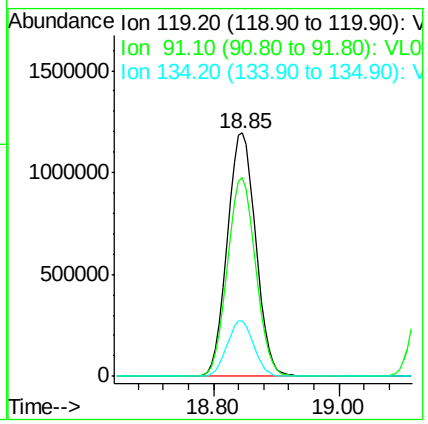




#65
tert-Butylbenzene
Concen: 8.44 ppbv
RT: 18.85 min Scan# 2585
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:119 Resp: 3750912

Ion	Ratio	Lower	Upper
119	100		
91	81.3	64.5	96.7
134	21.5	17.4	26.0



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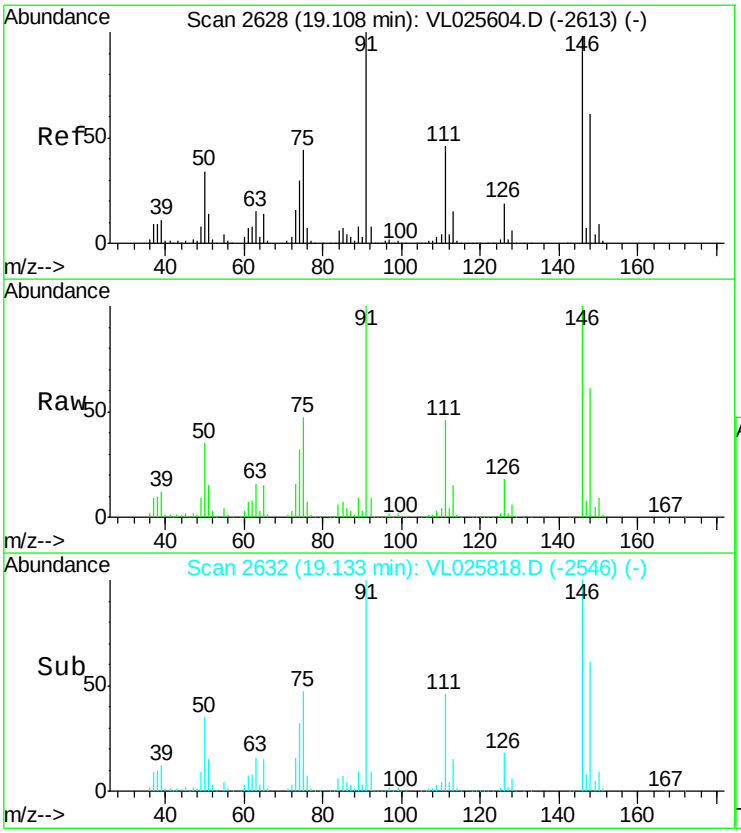
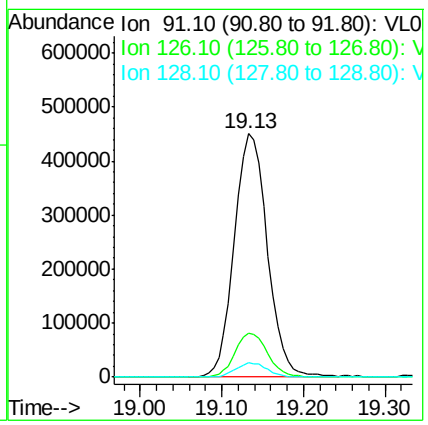
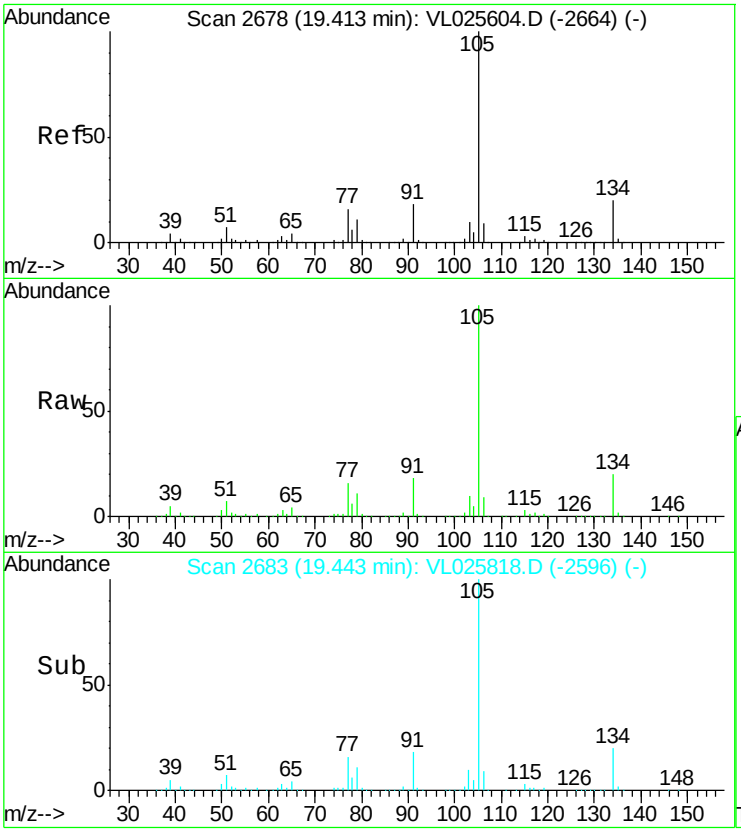


#66
Benzyl Chloride
Concen: 7.76 ppbv
RT: 19.13 min Scan# 2632
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 91 Resp: 1265166

Ion	Ratio	Lower	Upper
91	100		
126	17.9	14.5	21.7
128	5.8	4.6	7.0





#67
sec-Butylbenzene
Concen: 8.43 ppbv
RT: 19.44 min Scan# 2683
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:105 Resp: 5247391

Ion	Ratio	Lower	Upper
105	100		
134	19.4	15.4	23.2

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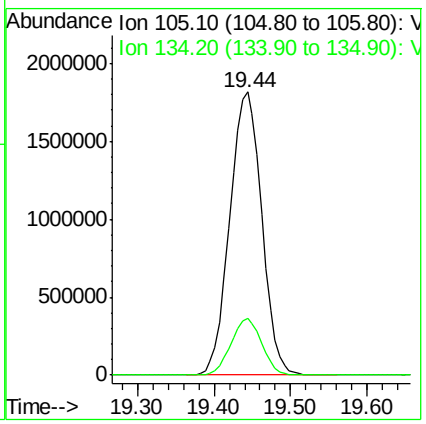
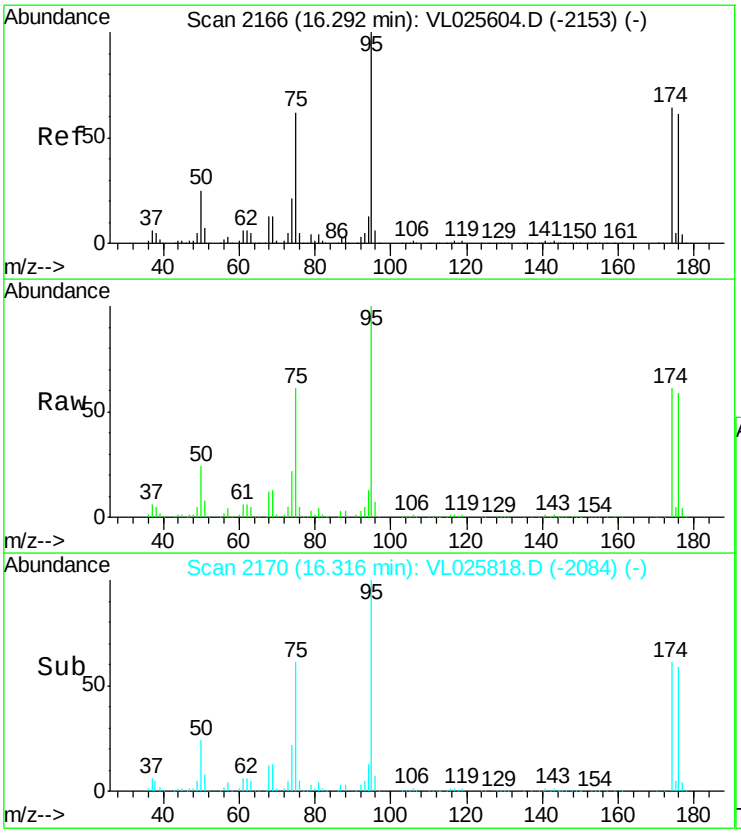
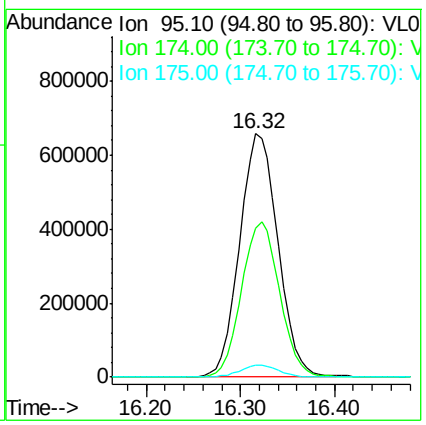


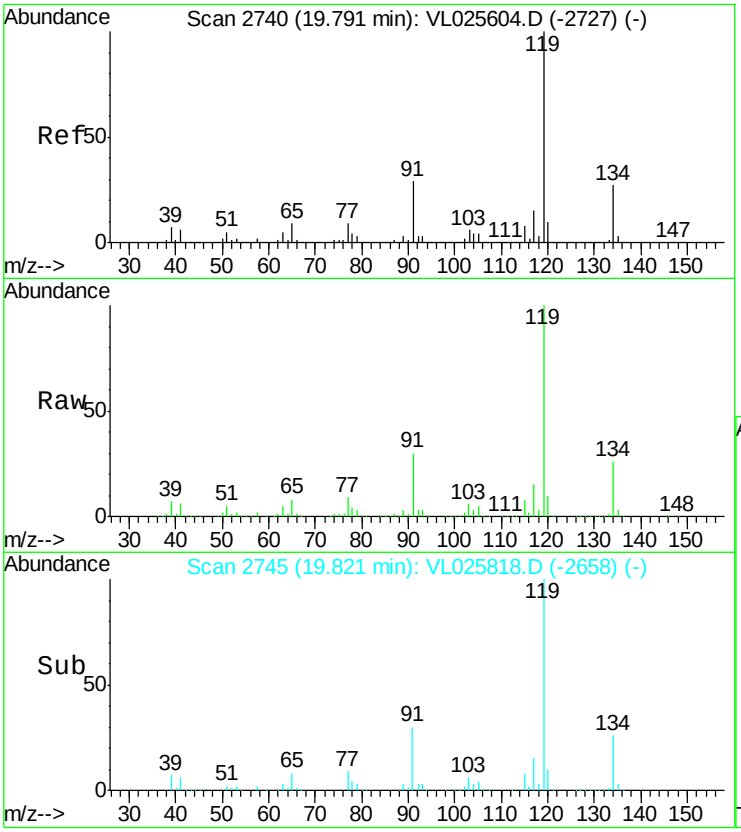


#68
1-Bromo-4-Fluorobenzene
Concen: 10.04 ppbv
RT: 16.32 min Scan# 2170
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 95 Resp: 1875539

Ion	Ratio	Lower	Upper
95	100		
174	63.9	52.0	78.0
175	4.9	3.9	5.9

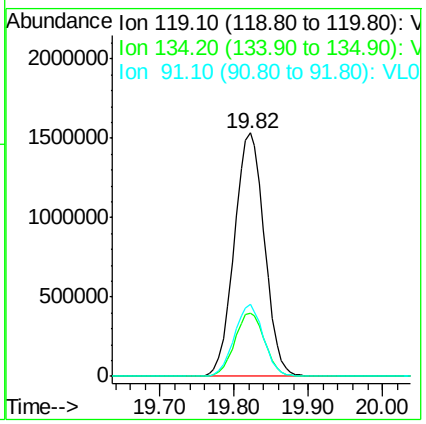




#69
p-Isopropyltoluene
Concen: 8.48 ppbv
RT: 19.82 min Scan# 2745
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:119 Resp: 4351958

Ion	Ratio	Lower	Upper
119	100		
134	25.8	20.7	31.1
91	28.6	22.6	34.0



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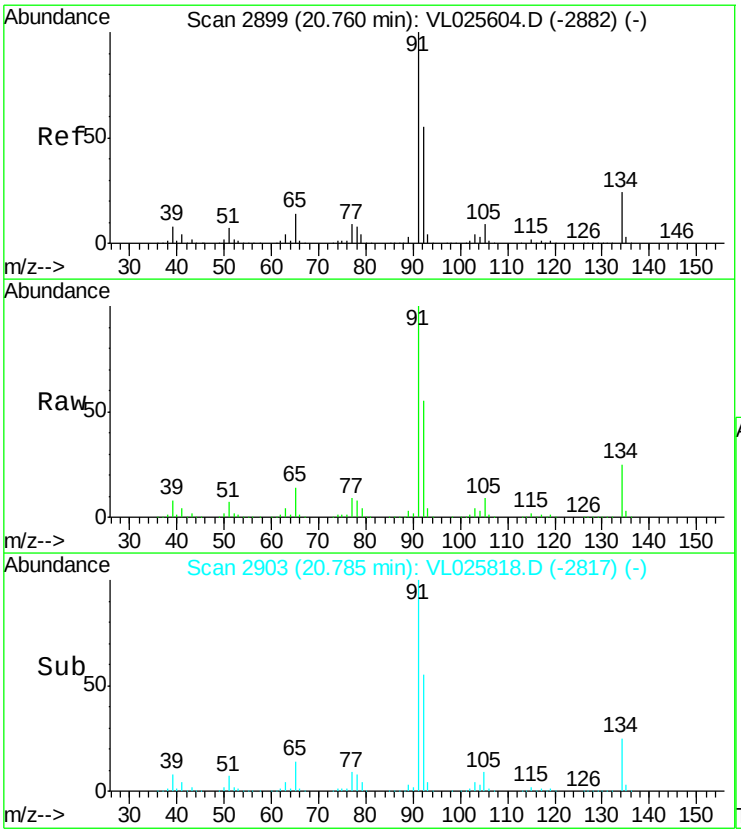
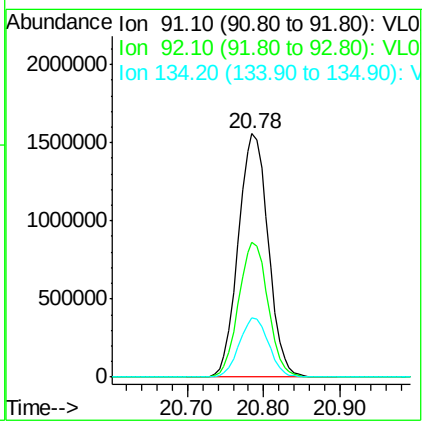
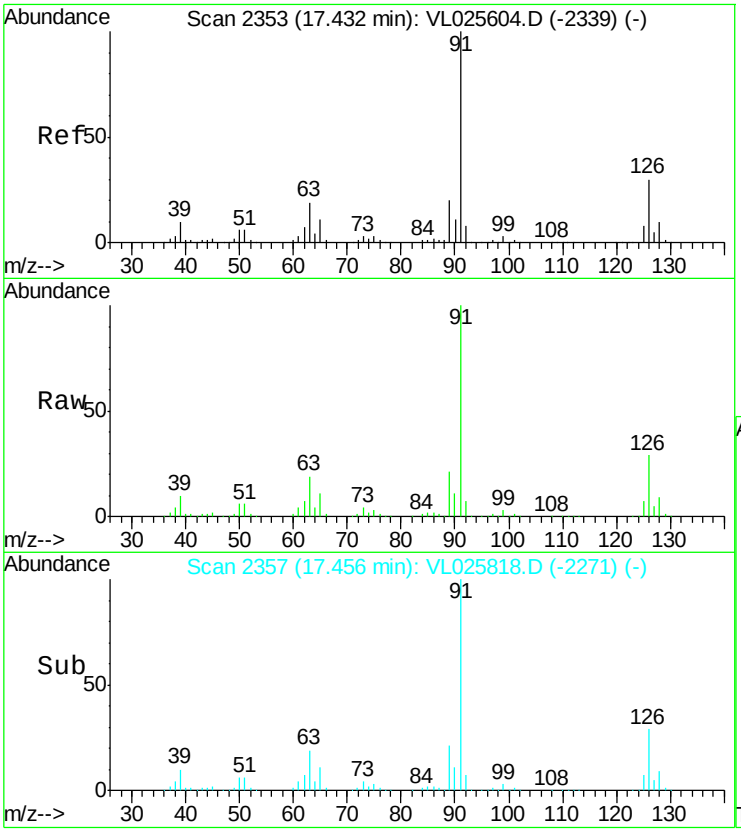


#70
n-Butylbenzene
Concen: 8.14 ppbv
RT: 20.78 min Scan# 2903
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 91 Resp: 4236226

Ion	Ratio	Lower	Upper
91	100		
92	54.4	44.3	66.5
134	23.8	19.4	29.2

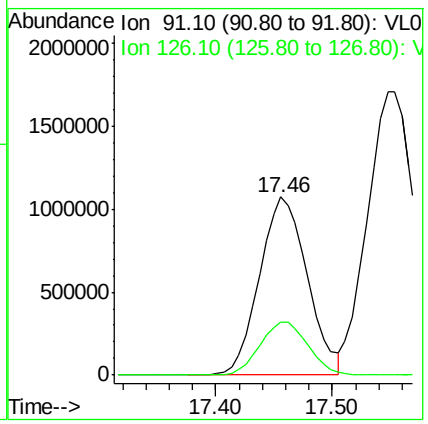




#71
2-Chlorotoluene
Concen: 9.20 ppbv
RT: 17.46 min Scan# 2357
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion: 91 Resp: 3054360

Ion	Ratio	Lower	Upper
91	100		
126	30.0	12.2	49.0



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ClientSampleId :
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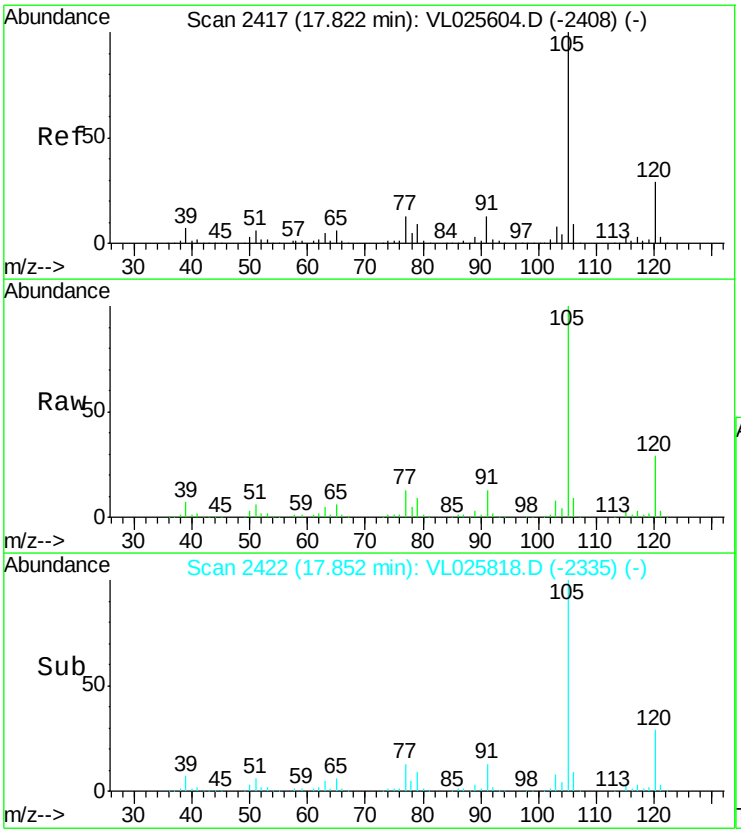
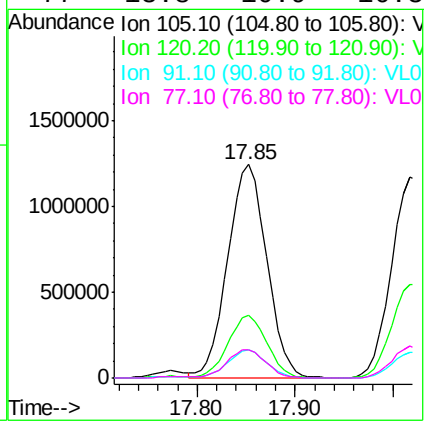
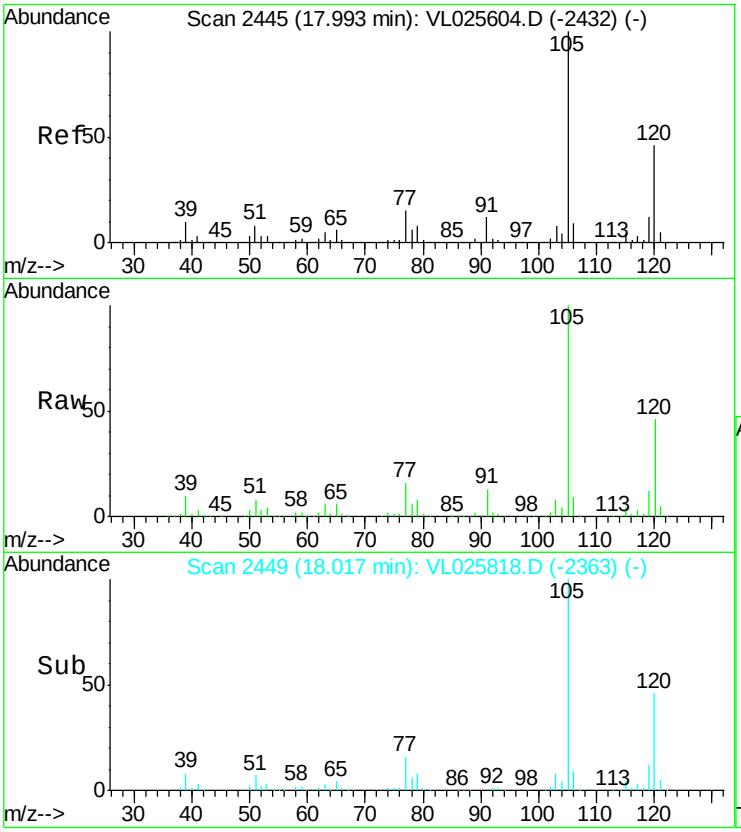


#72
4-Ethyltoluene
Concen: 9.02 ppbv
RT: 17.85 min Scan# 2422
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:105 Resp: 3454449

Ion	Ratio	Lower	Upper
105	100		
120	29.9	23.9	35.9
91	13.3	10.3	15.5
77	13.8	10.9	16.3

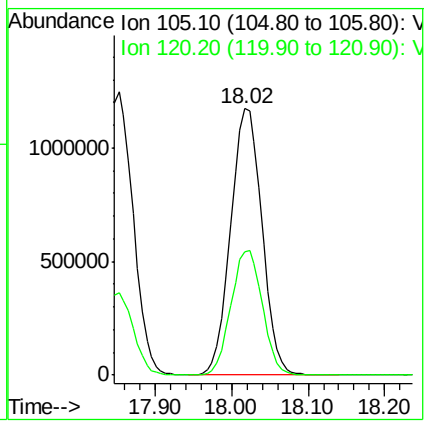




#73
1,3,5-Trimethylbenzene
Concen: 8.83 ppbv
RT: 18.02 min Scan# 2449
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:105 Resp: 3321461

Ion	Ratio	Lower	Upper
105	100		
120	46.4	37.0	55.4



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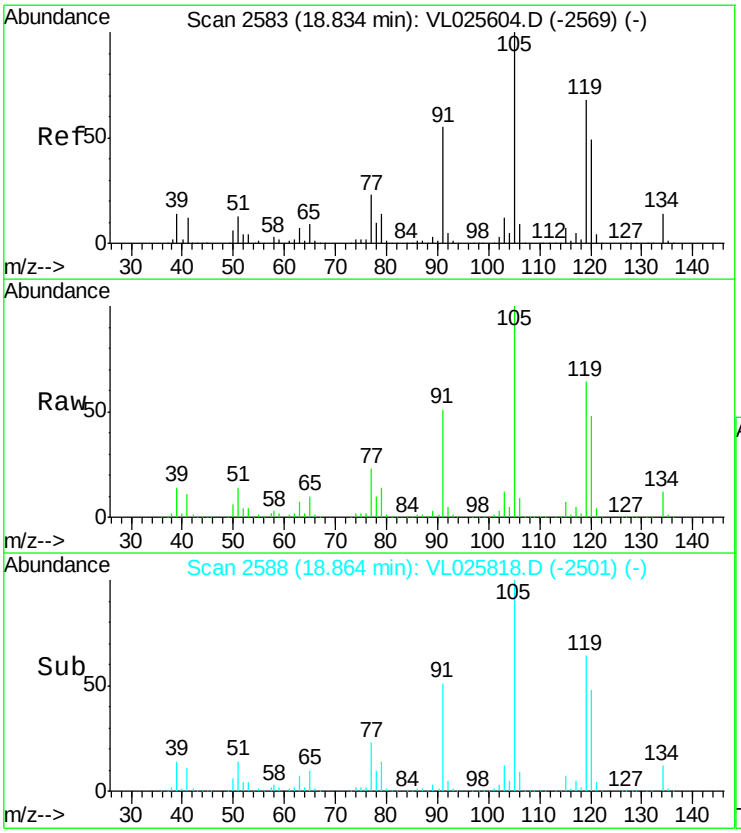
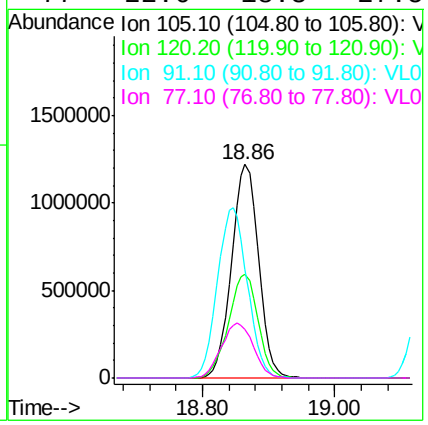
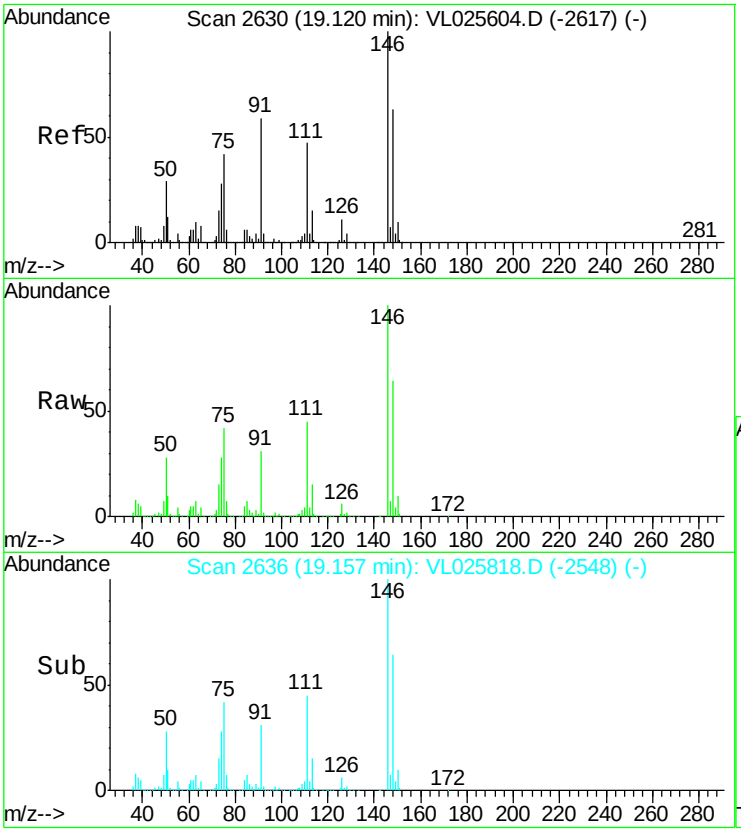


#74
1,2,4-Trimethylbenzene
Concen: 8.21 ppbv
RT: 18.86 min Scan# 2588
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:105 Resp: 3459944

Ion	Ratio	Lower	Upper
105	100		
120	48.5	39.3	58.9
91	51.2	43.8	65.6
77	22.6	18.3	27.5

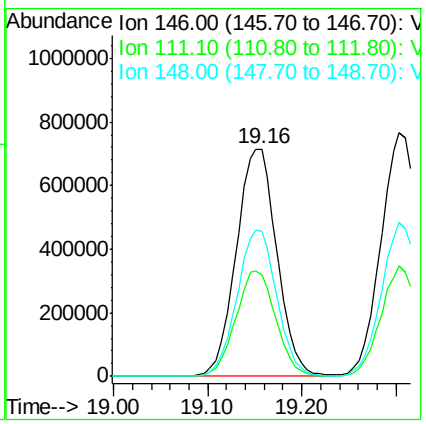




#75
1,3-Dichlorobenzene
Concen: 7.86 ppbv
RT: 19.16 min Scan# 2636
Delta R.T. 0.04 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:146 Resp: 2155296

Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.7	68.1
148	63.2	31.8	95.3



Instrument :
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ClientSampleId :
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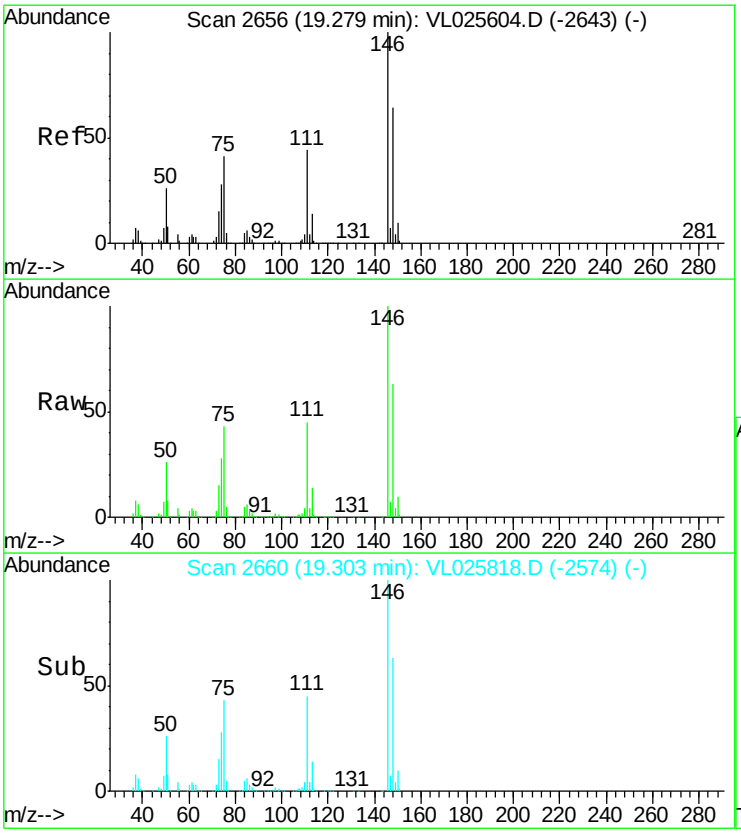
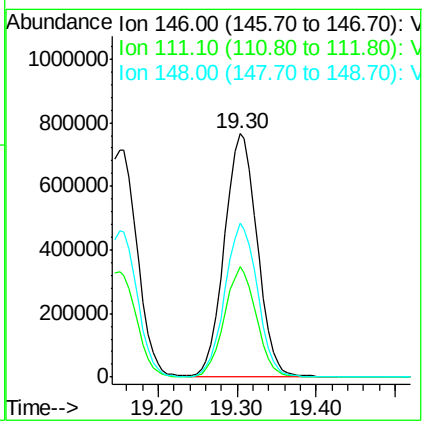
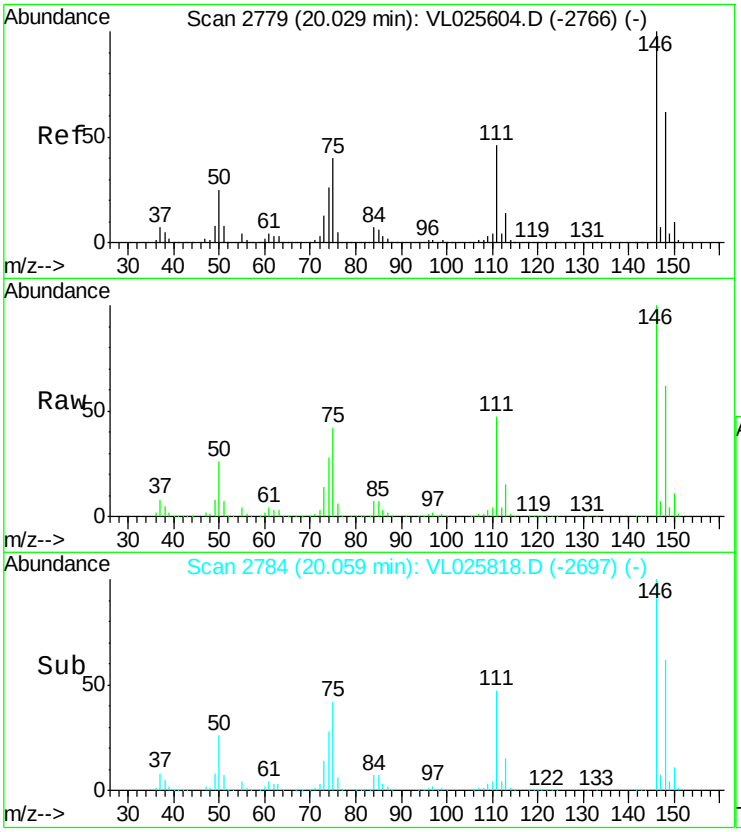


#76
1,4-Dichlorobenzene
Concen: 8.05 ppbv
RT: 19.30 min Scan# 2660
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:146 Resp: 2212535

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.1	66.1
148	63.2	31.9	95.9

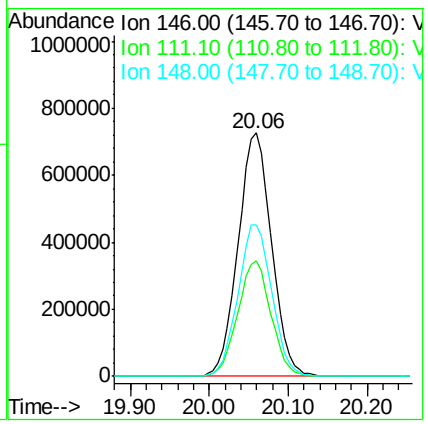




#77
1,2-Dichlorobenzene
Concen: 7.87 ppbv
RT: 20.06 min Scan# 2784
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:146 Resp: 2142614

Ion	Ratio	Lower	Upper
146	100		
111	47.2	23.4	70.3
148	63.1	31.6	94.8



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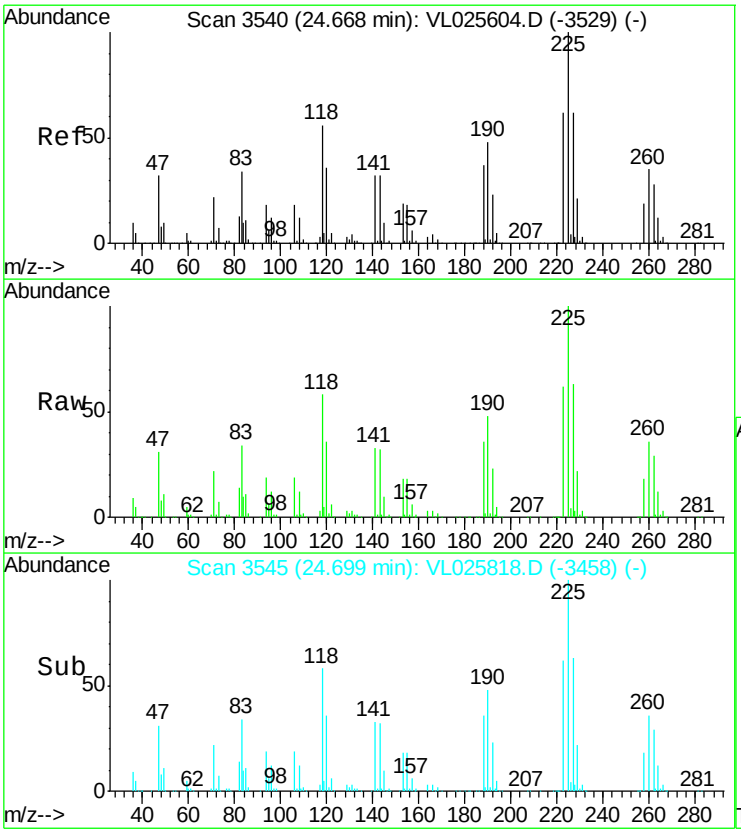
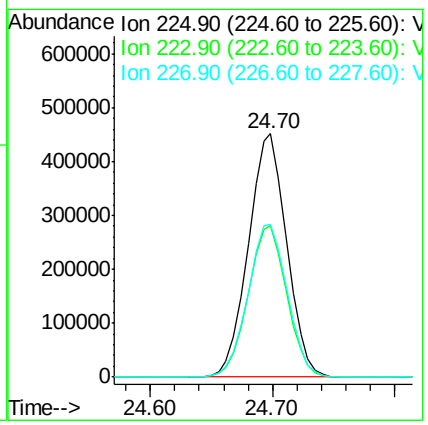
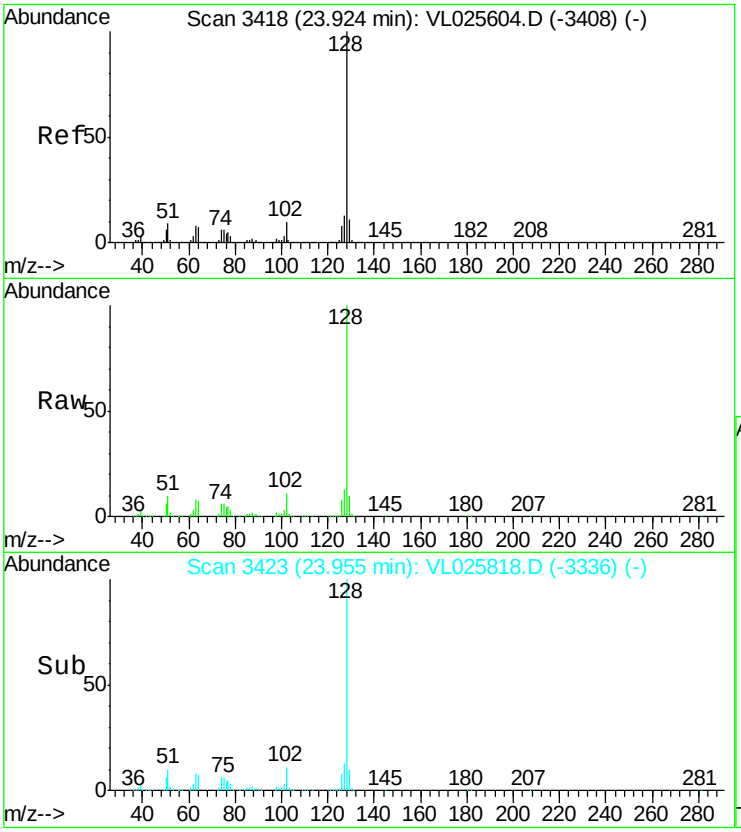


#78
Hexachloro-1,3-Butadiene
Concen: 5.86 ppbv
RT: 24.70 min Scan# 3545
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:225 Resp: 981854

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.3	50.5	75.7

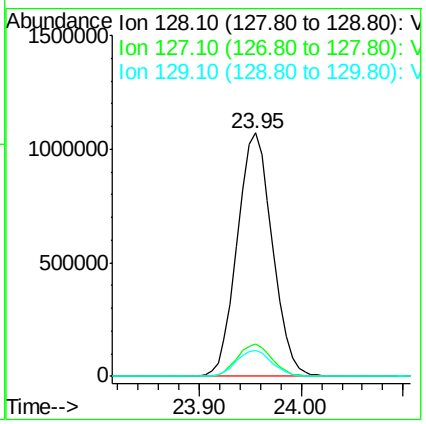




#79
Naphthalene
Concen: 6.30 ppbv
RT: 23.95 min Scan# 3423
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:128 Resp: 2565707

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	10.5	9.0	13.4



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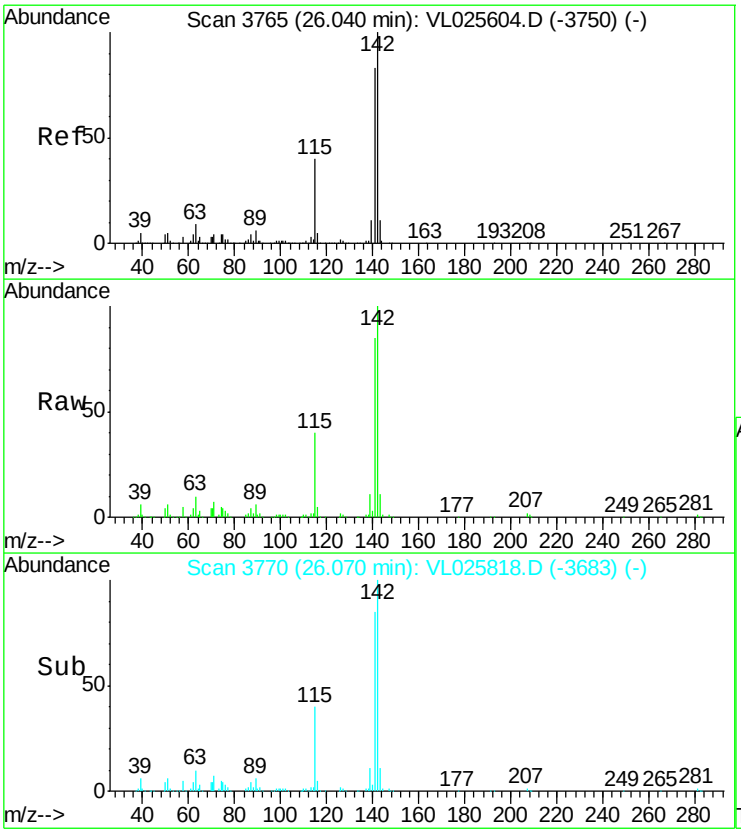
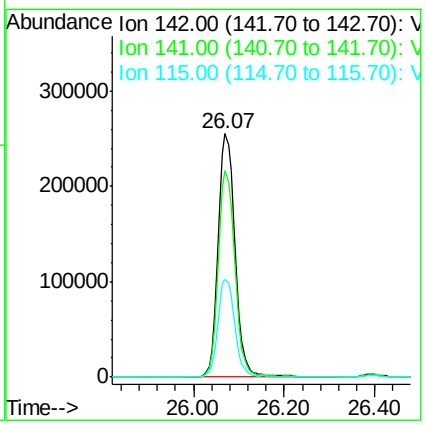
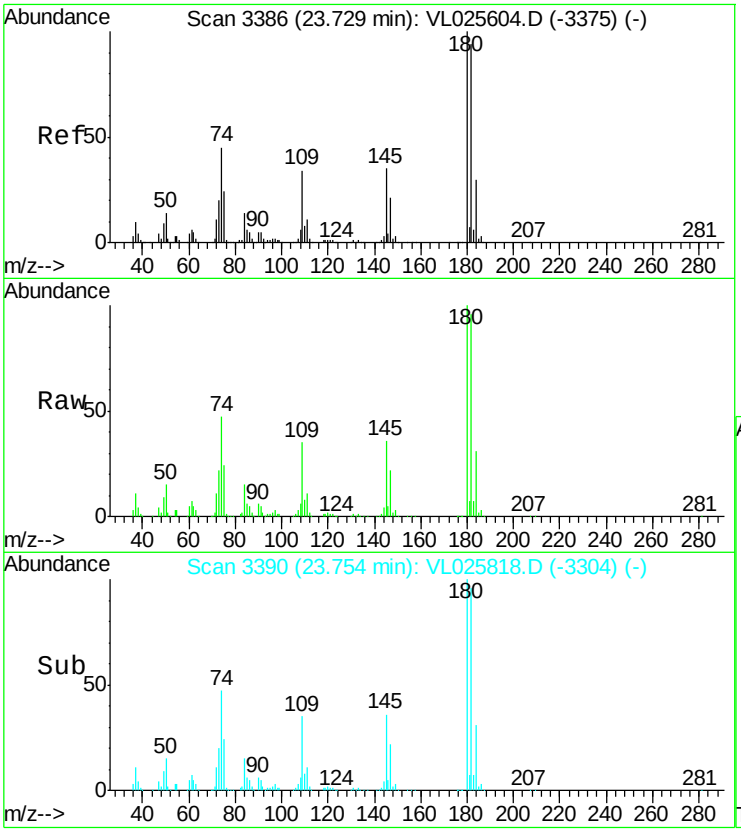


#80
Naphthalene,2-methyl-
Concen: 5.64 ppbv
RT: 26.07 min Scan# 3770
Delta R.T. 0.03 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:142 Resp: 666798

Ion	Ratio	Lower	Upper
142	100		
141	83.9	67.1	100.7
115	40.2	33.9	50.9

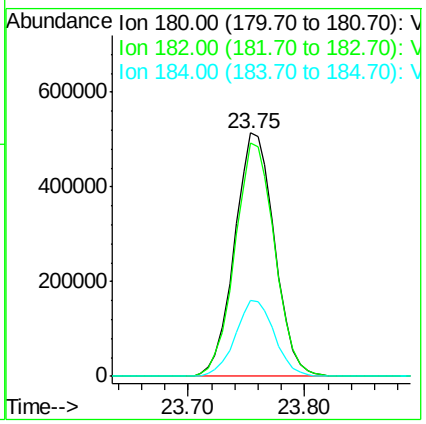




#81
1,2,4-Trichlorobenzene
Concen: 6.28 ppbv
RT: 23.75 min Scan# 3390
Delta R.T. 0.02 min
Lab File: VL025818.D
Acq: 31 Jul 2015 18:27

Tgt Ion:180 Resp: 1226431

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.1	114.1
184	30.5	24.4	36.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

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