Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025610.D
Acq On : 7 Jul 2015 14:34
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Jul 07 15:11:29 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 07 13:08:42 2015
QLast Update : Tue Jul 07 13:08:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.66	49	670083	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.34	114	1820170	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.76	117	3261417	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.30	95	2005648	7.44	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 74.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.64	85	1865697	12.01	ppbv		99
3) Chlorodifluoromethane	3.57	51	1163575	14.44	ppbv		98
4) Chloromethane	3.75	50	523130	12.49	ppbv		97
5) Vinyl Chloride	3.89	62	595333	12.76	ppbv		95
6) Bromomethane	4.14	94	485623	15.33	ppbv		98
7) Chloroethane	4.24	64	274945	14.22	ppbv		97
8) Dichlorotetrafluoroethane	3.81	85	1898112	15.11	ppbv		99
9) Propene	3.59	41	394469	11.72	ppbv		98
10) Heptane	9.36	43	1715407	14.32	ppbv		99
11) Trichlorofluoromethane	4.70	101	2933495	17.90	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	5.31	101	1690049	17.09	ppbv		99
13) Ethanol	4.33	45	46169	7.60	ppbv		98
14) Bromoethene	4.45	108	553178	15.67	ppbv		99
15) Acetone	4.60	43	1413498	14.32	ppbv		99
16) 1,3-Butadiene	3.97	39	613035	14.10	ppbv		98
17) tert-Butyl alcohol	5.12	59	1442847	17.09	ppbv		100
18) 1,1-Dichloroethene	5.09	96	652291	15.98	ppbv		99
19) Isopropyl Alcohol	4.74	45	566024	12.60	ppbv	#	99
20) Methylene Chloride	5.15	84	593551	13.85	ppbv		94
21) Allyl Chloride	5.23	41	989686	15.32	ppbv		97
22) trans-1,2-Dichloroethene	5.77	96	666035	14.00	ppbv		100
23) Vinyl Acetate	5.99	43	2590602	14.97	ppbv		99
24) 1,1-Dichloroethane	5.92	63	1568137	13.92	ppbv		99
25) Ethyl Acetate	6.67	43	2498577	14.07	ppbv		99
26) Hexane	6.67	57	1151546	13.76	ppbv		98
27) Carbon Disulfide	5.39	76	1878964	16.26	ppbv		99
28) Methyl tert-Butyl Ether	5.95	73	2407342	15.46	ppbv		100
29) Chloroform	6.76	83	2239609	16.12	ppbv		99
30) Cyclohexane	8.29	84	1142517	14.98	ppbv		97
31) cis-1,2-Dichloroethene	6.53	61	1231805	15.37	ppbv		100
32) 1,1,1-Trichloroethane	7.60	97	2539855	16.19	ppbv		100
34) 2-Butanone	6.20	43	1496128	13.80	ppbv		100
35) Carbon Tetrachloride	8.17	117	2752986	16.73	ppbv		99
36) Benzene	8.03	78	2471185	13.75	ppbv		99
37) 1,2-Dichloroethane	7.38	62	2091387	16.73	ppbv		99
38) Trichloroethene	9.07	130	1147616	14.78	ppbv		99
39) 1,2-Dichloropropane	8.84	63	878366	13.16	ppbv		95
40) 1,4-Dioxane	9.12	88	130339	8.80	ppbv	#	1
41) Tetrahydrofuran	7.12	42	777348	13.35	ppbv		99
42) Bromodichloromethane	9.04	83	2600441	16.60	ppbv		99
43) Methyl Methacrylate	9.27	69	1058380	15.84	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025610.D
Acq On : 7 Jul 2015 14:34
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Jul 07 15:11:29 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 07 13:08:42 2015
QLast Update : Tue Jul 07 13:08:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.09	57	4170625	13.45	ppbv	98
45) t-1,3-Dichloropropene	10.66	75	1924776	18.41	ppbv	98
46) cis-1,3-Dichloropropene	10.03	75	2045675	16.84	ppbv	99
47) 1,1,2-Trichloroethane	10.89	97	1266136	15.15	ppbv	99
48) Dibromochloromethane	11.81	129	2396388	17.82	ppbv	99
49) Bromoform	14.83	173	2065112	19.18	ppbv	99
50) 4-Methyl-2-Pentanone	10.09	43	2325495	15.83	ppbv	99
51) 2-Hexanone	11.62	43	2245854	17.08	ppbv	99
52) Tetrachloroethene	12.80	164	1301047	15.80	ppbv	99
53) Toluene	11.24	91	3696523	15.61	ppbv	100
54) 1,2-Dibromoethane	12.15	107	2072402	16.20	ppbv	99
56) 1,1,1,2-Tetrachloroethane	13.80	131	1767742	11.41	ppbv	88
57) Chlorobenzene	13.83	112	3281291	10.27	ppbv	99
58) Ethyl Benzene	14.43	91	5780660	11.13	ppbv	98
59) m/p-Xylene	14.73	91	9503758	21.90	ppbv	100
60) o-Xylene	15.51	91	5093124	11.05	ppbv	100
61) Styrene	15.32	104	2225150	12.66	ppbv	99
62) Isopropylbenzene	16.55	105	6709356	11.05	ppbv	99
63) 1,1,2,2-Tetrachloroethane	15.50	83	3160820	9.67	ppbv	100
64) n-propylbenzene	17.54	120	1827624	11.36	ppbv	93
65) tert-Butylbenzene	18.83	119	6331011	11.21	ppbv	99
66) Benzyl Chloride	19.11	91	2815202	14.57	ppbv	100
67) sec-Butylbenzene	19.43	105	8645652	10.89	ppbv	98
69) p-Isopropyltoluene	19.80	119	7397326	11.45	ppbv	98
70) n-Butylbenzene	20.77	91	7300780	11.61	ppbv	99
71) 2-Chlorotoluene	17.44	91	5135410	11.36	ppbv	100
72) 4-Ethyltoluene	17.83	105	5878379	11.65	ppbv	99
73) 1,3,5-Trimethylbenzene	18.00	105	5634729	11.60	ppbv	97
74) 1,2,4-Trimethylbenzene	18.85	105	5859778	11.19	ppbv	97
75) 1,3-Dichlorobenzene	19.13	146	3719167	11.15	ppbv	99
76) 1,4-Dichlorobenzene	19.28	146	3859092	11.55	ppbv	100
77) 1,2-Dichlorobenzene	20.04	146	3804162	11.48	ppbv	99
78) Hexachloro-1,3-Butadiene	24.67	225	2207047	12.98	ppbv	99
79) Naphthalene	23.94	128	5776431	13.47	ppbv	99
80) Naphthalene,2-methyl-	26.04	142	1674829	15.22	ppbv	99
81) 1,2,4-Trichlorobenzene	23.74	180	2742218	13.73	ppbv	100

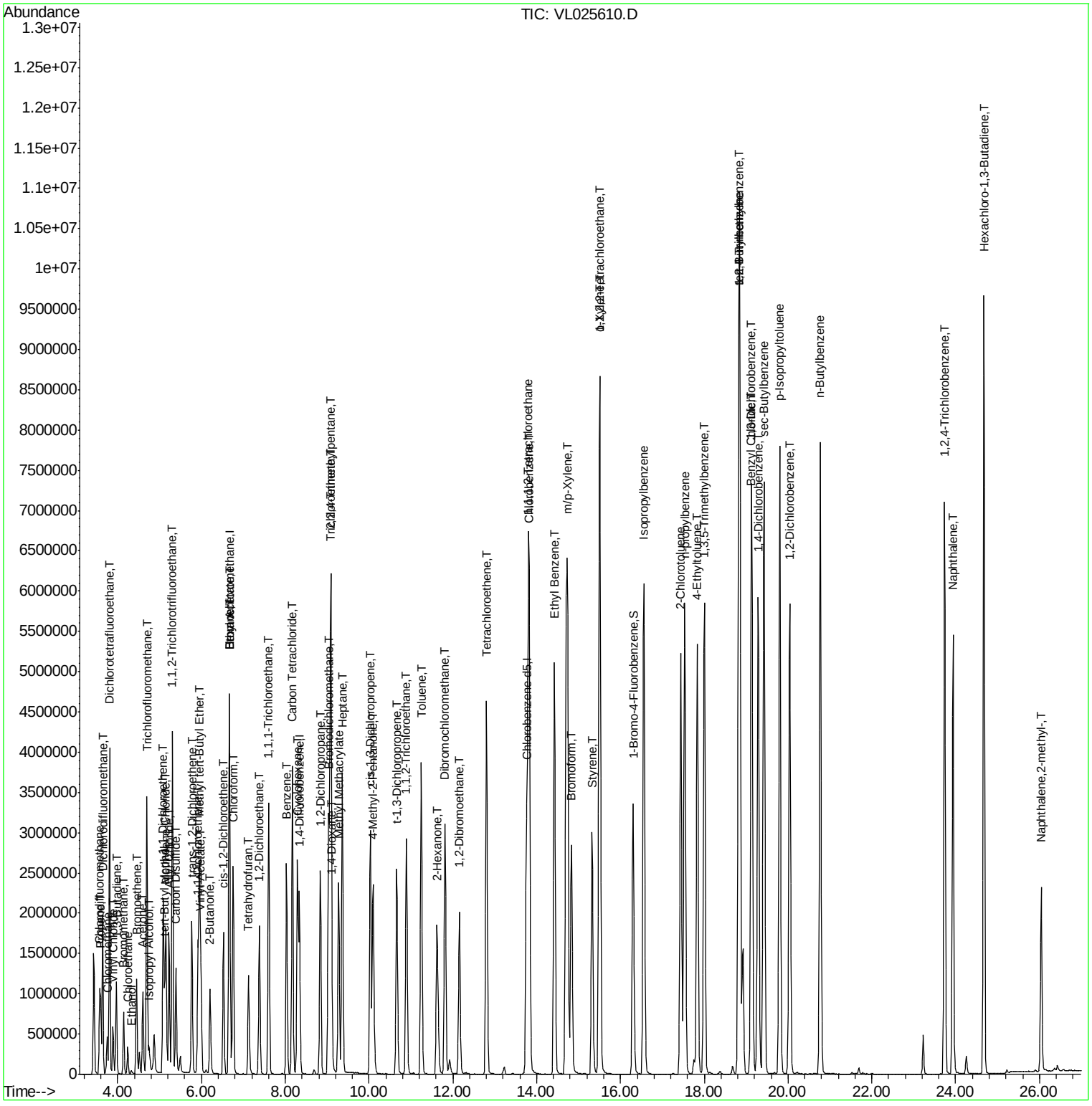
(#) = qualifier out of range (m) = manual integration (+) = signals summed

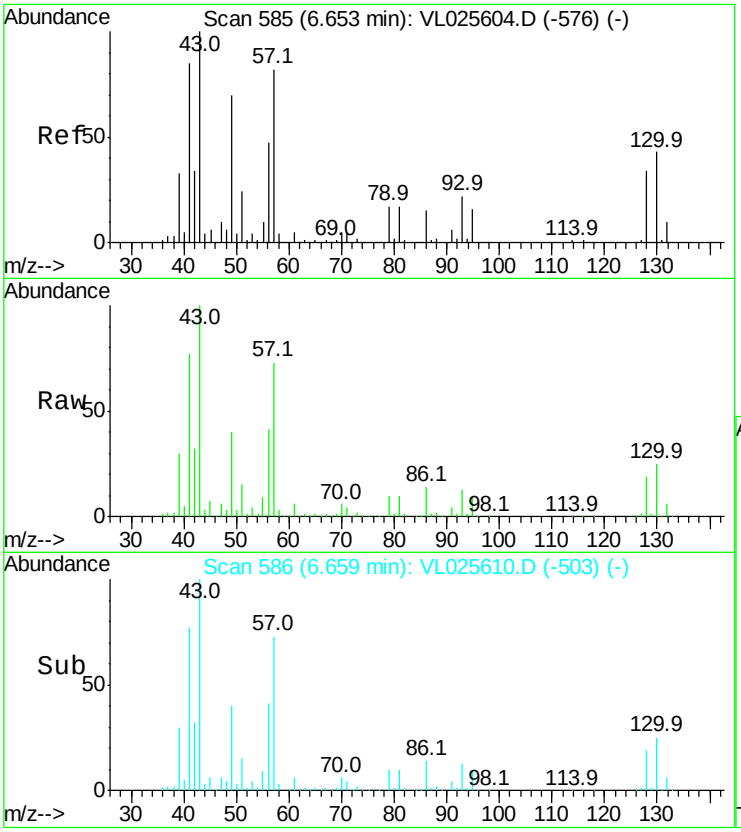
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025610.D
Acq On : 7 Jul 2015 14:34
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Jul 07 15:11:29 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 07 13:08:42 2015
QLast Update : Tue Jul 07 13:08:42 2015
Response via : Initial Calibration



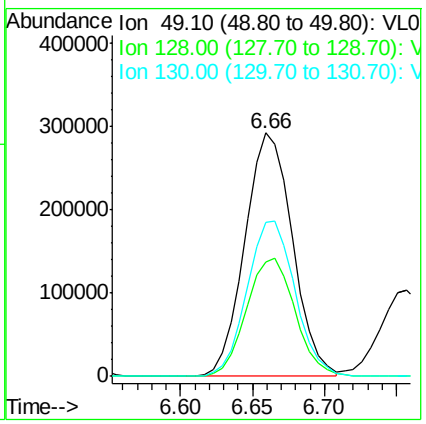


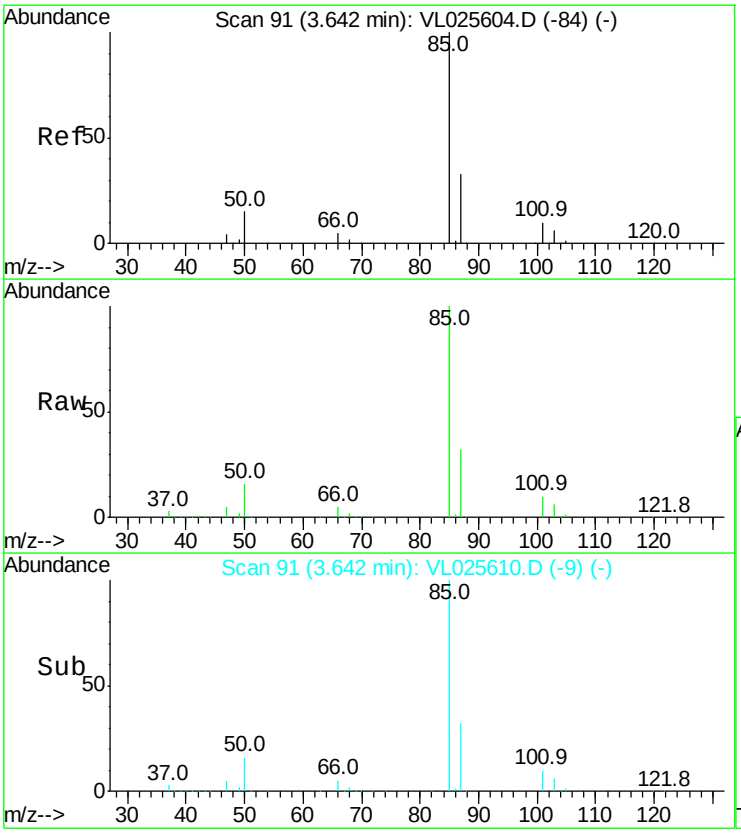
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.66 min Scan# 586
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 670083

Ion	Ratio	Lower	Upper
49	100		
128	49.8	25.4	76.0
130	64.6	31.9	95.9

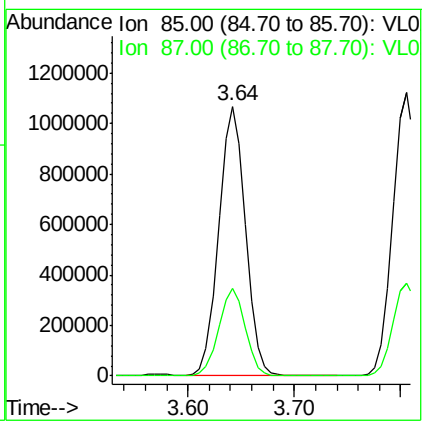


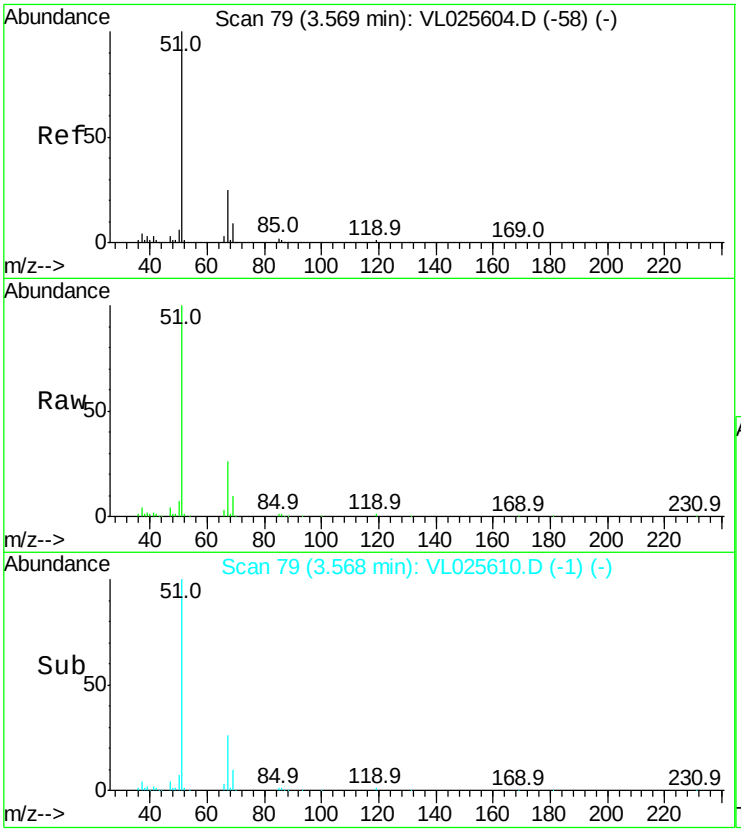


#2
Dichlorodifluoromethane
Concen: 12.01 ppbv
RT: 3.64 min Scan# 91
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 85 Resp: 1865697

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.5	39.7



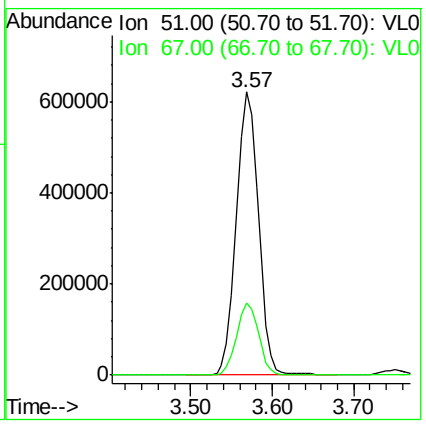


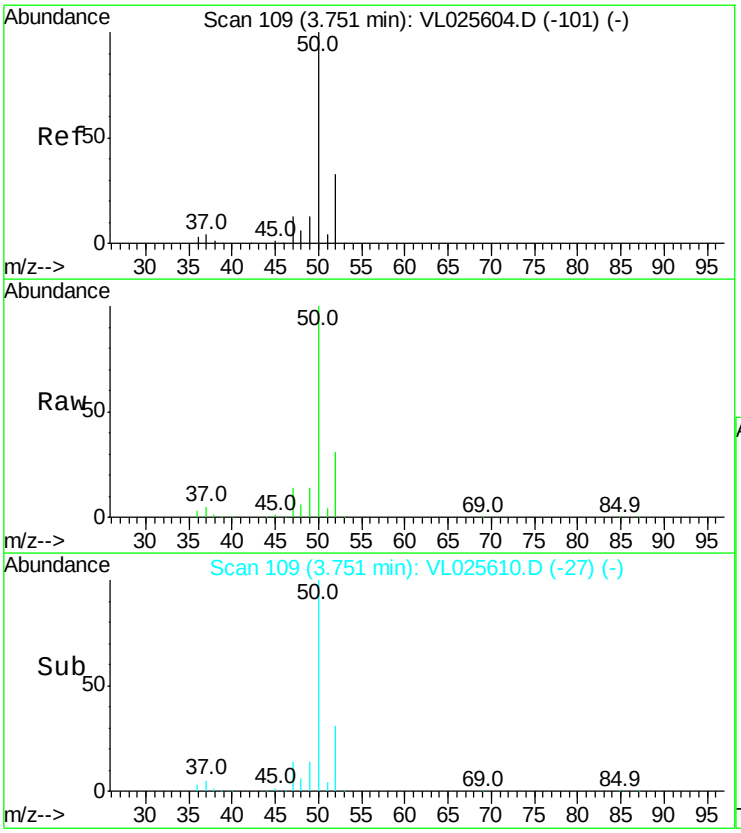
#3
Chlorodifluoromethane
Concen: 14.44 ppbv
RT: 3.57 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 1163575

Ion	Ratio	Lower	Upper
51	100		
67	25.2	19.5	29.3

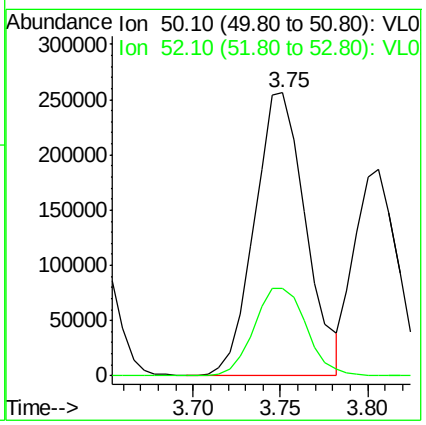


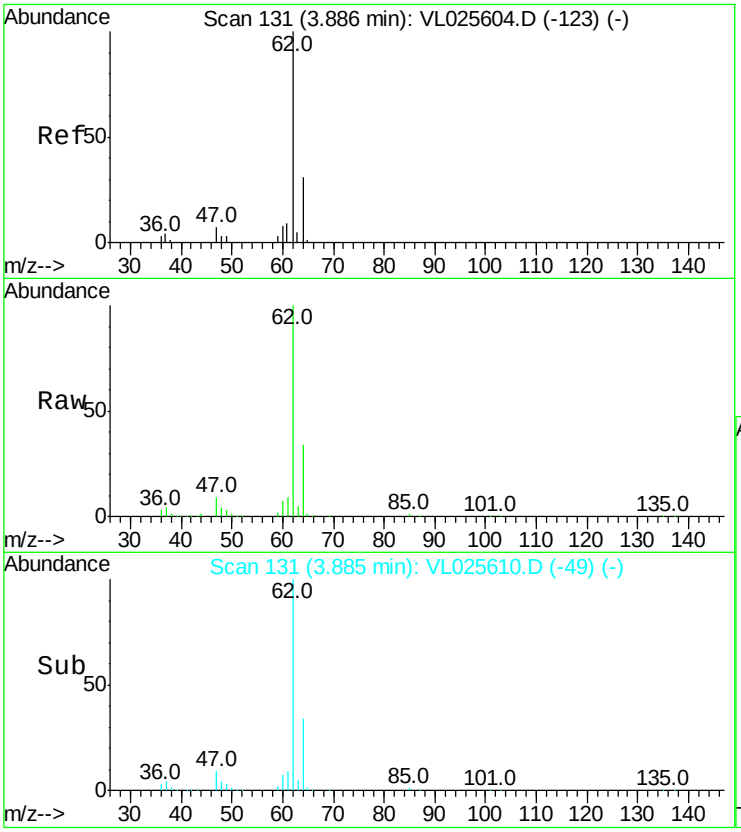


#4
Chloromethane
Concen: 12.49 ppbv
RT: 3.75 min Scan# 109
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 50 Resp: 523130

Ion	Ratio	Lower	Upper
50	100		
52	30.8	26.2	39.2



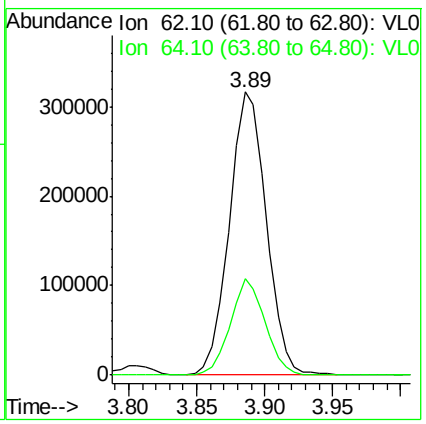


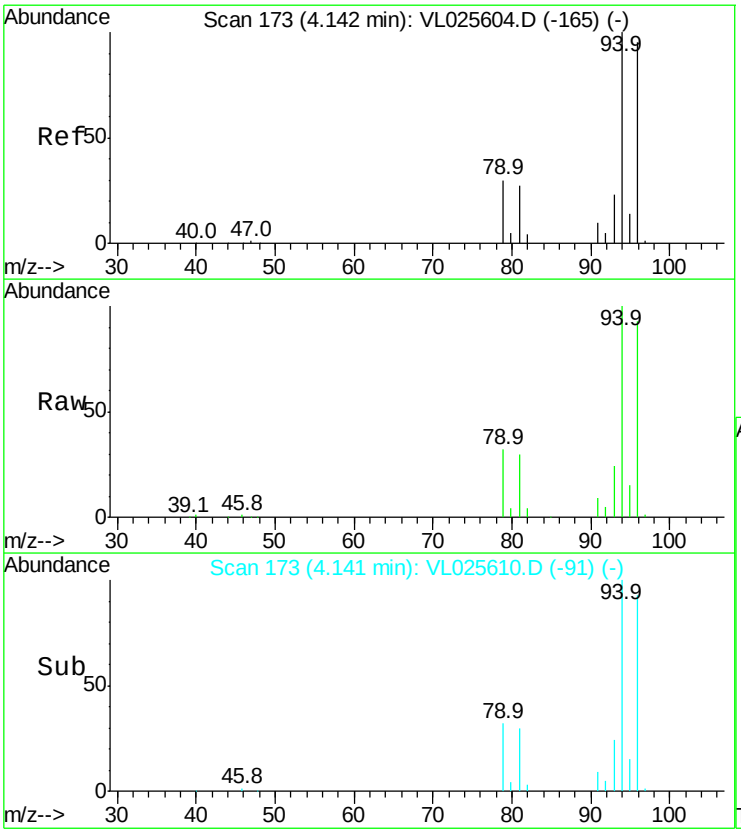
#5
Vinyl Chloride
Concen: 12.76 ppbv
RT: 3.89 min Scan# 131
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 595333

Ion	Ratio	Lower	Upper
62	100		
64	34.0	25.0	37.6

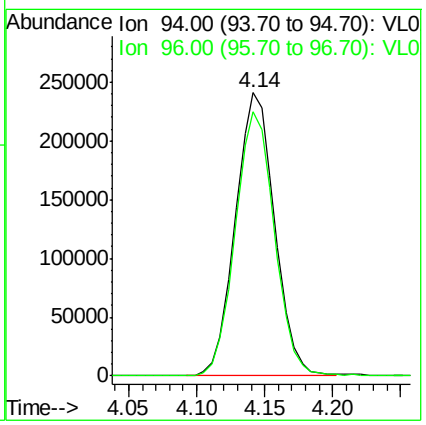


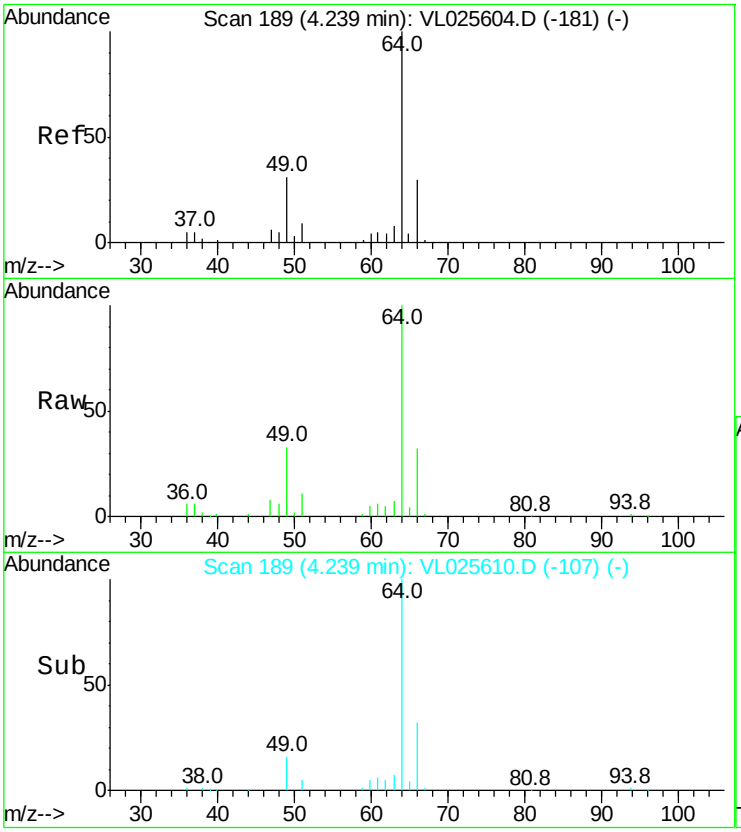


#6
Bromomethane
Concen: 15.33 ppbv
RT: 4.14 min Scan# 173
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 94 Resp: 485623

Ion	Ratio	Lower	Upper
94	100		
96	93.2	75.9	113.9



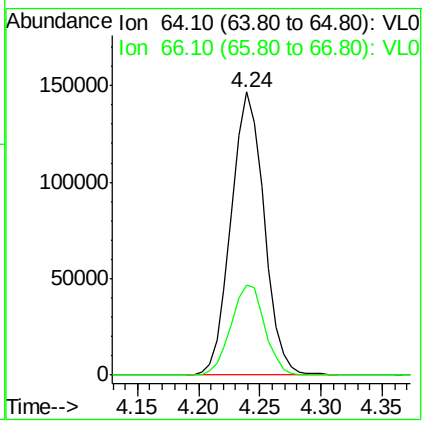


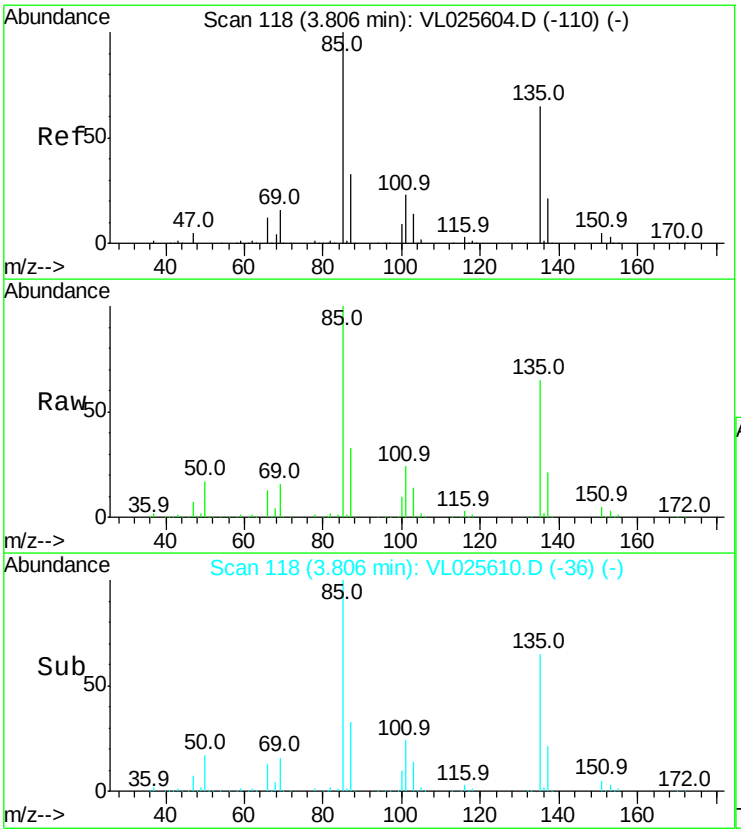
#7
Chloroethane
Concen: 14.22 ppbv
RT: 4.24 min Scan# 189
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 274945

Ion	Ratio	Lower	Upper
64	100		
66	31.7	23.8	35.8

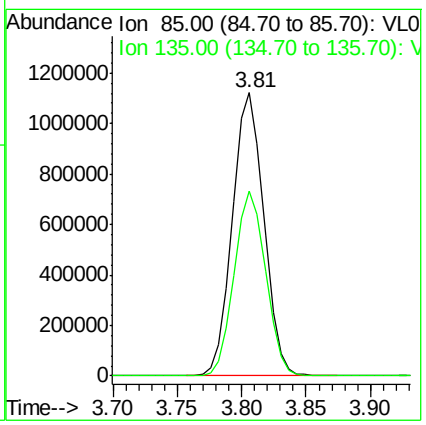


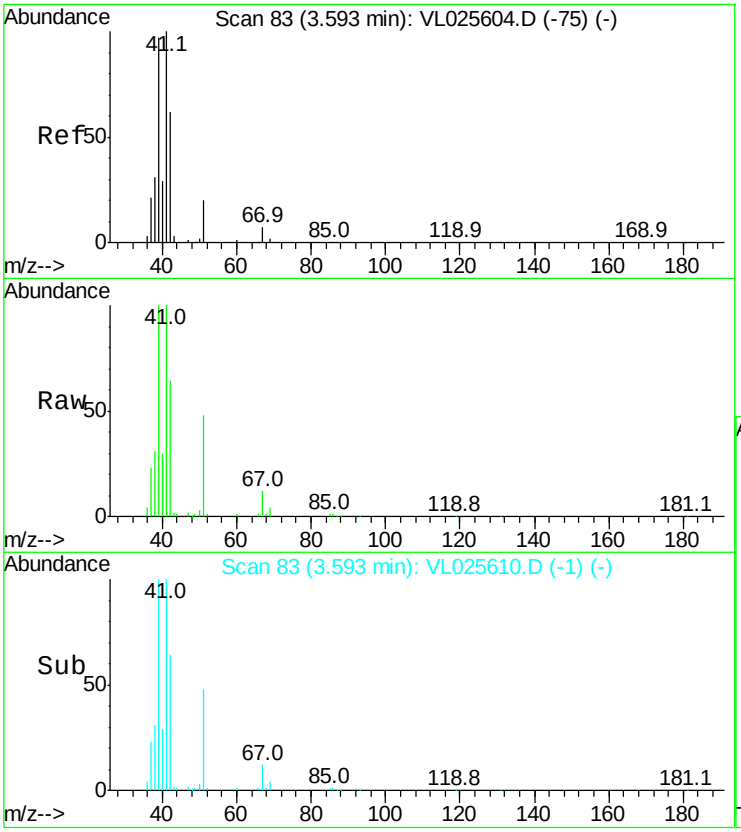


#8
Dichlorotetrafluoroethane
Concen: 15.11 ppbv
RT: 3.81 min Scan# 118
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 85 Resp: 1898112

Ion	Ratio	Lower	Upper
85	100		
135	65.8	52.2	78.4



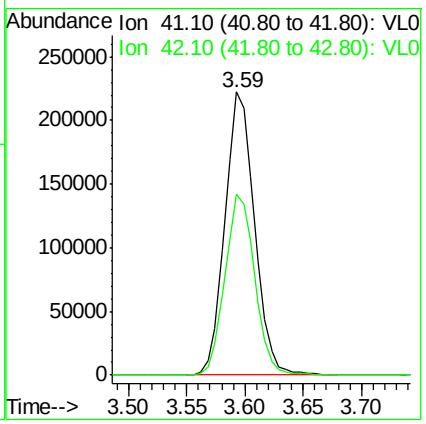


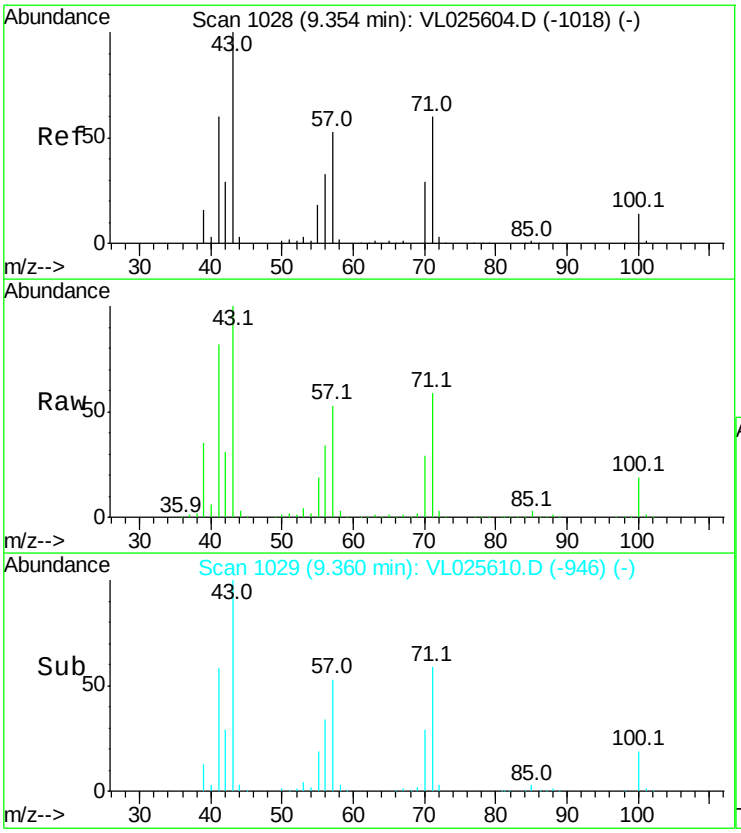
#9
Propene
Concen: 11.72 ppbv
RT: 3.59 min Scan# 83
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 394469

Ion	Ratio	Lower	Upper
41	100		
42	64.1	52.4	78.6

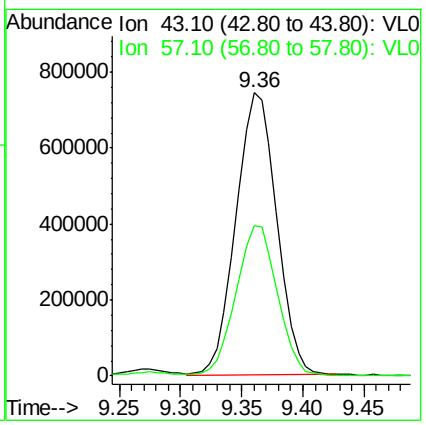


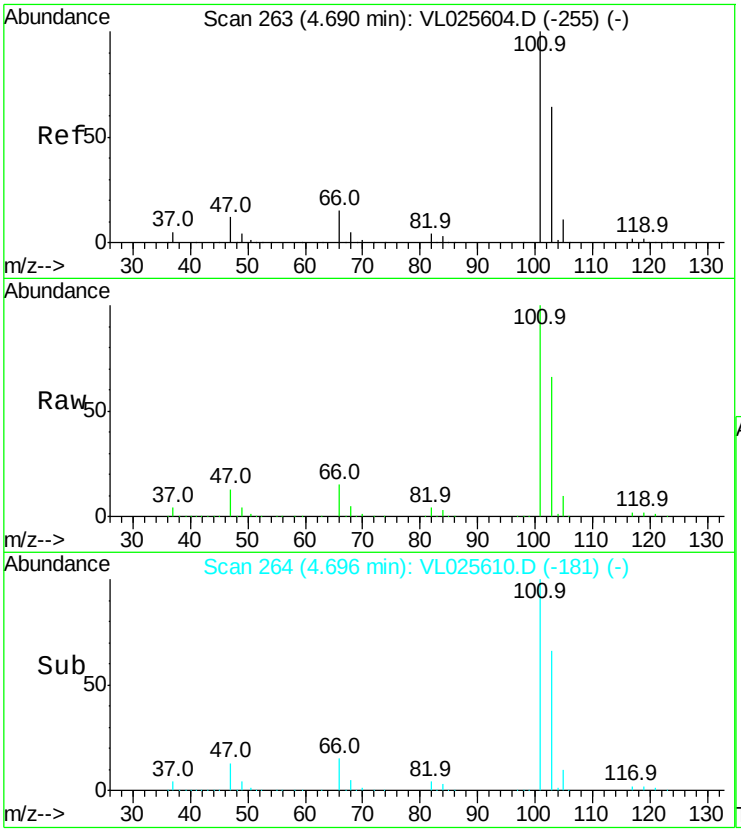


#10
Heptane
Concen: 14.32 ppbv
RT: 9.36 min Scan# 1029
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 43 Resp: 1715407

Ion	Ratio	Lower	Upper
43	100		
57	54.0	42.6	64.0



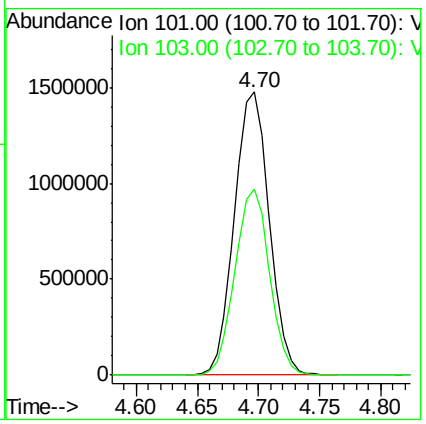


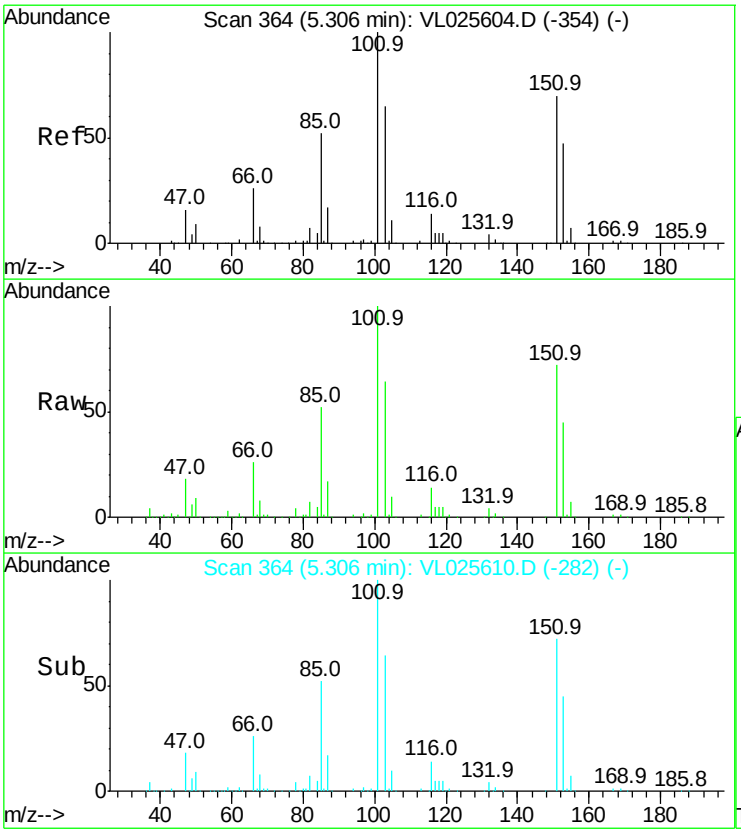
#11
Trichlorofluoromethane
Concen: 17.90 ppbv
RT: 4.70 min Scan# 264
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 2933495

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.4	77.2

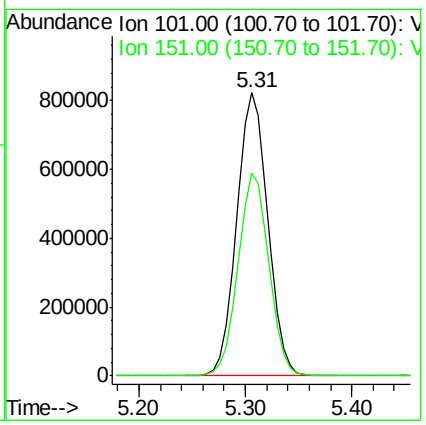


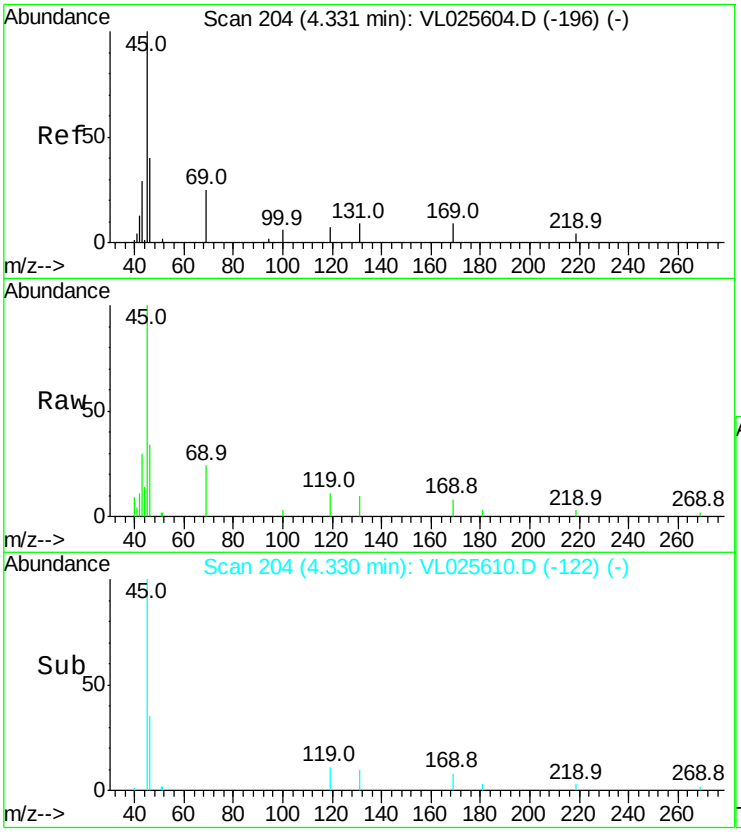


#12
1,1,2-Trichlorotrifluoroethane
Concen: 17.09 ppbv
RT: 5.31 min Scan# 364
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:101 Resp: 1690049

Ion	Ratio	Lower	Upper
101	100		
151	71.5	56.3	84.5



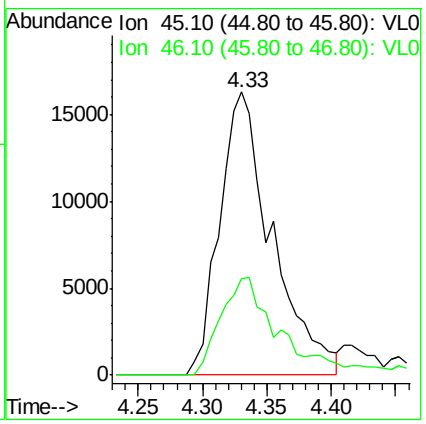


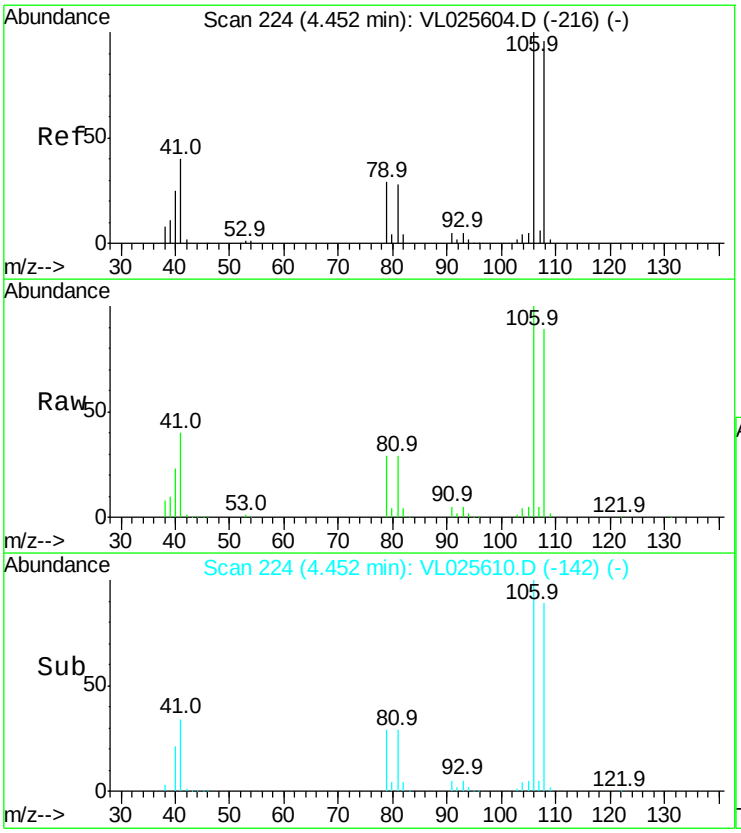
#13
Ethanol
Concen: 7.60 ppbv
RT: 4.33 min Scan# 204
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 46169

Ion	Ratio	Lower	Upper
45	100		
46	39.1	16.0	64.0

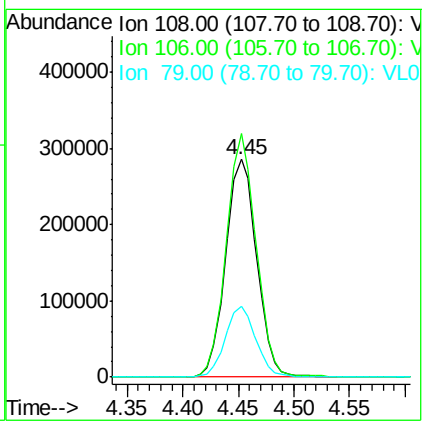


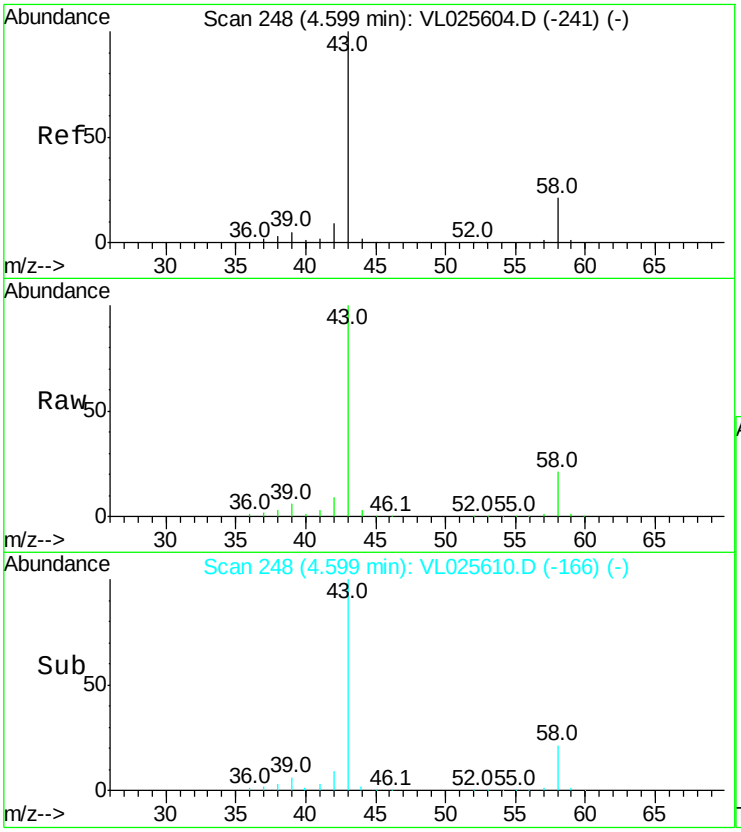


#14
Bromoethene
Concen: 15.67 ppbv
RT: 4.45 min Scan# 224
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:108 Resp: 553178

Ion	Ratio	Lower	Upper
108	100		
106	107.2	85.7	128.5
79	32.0	24.6	36.8



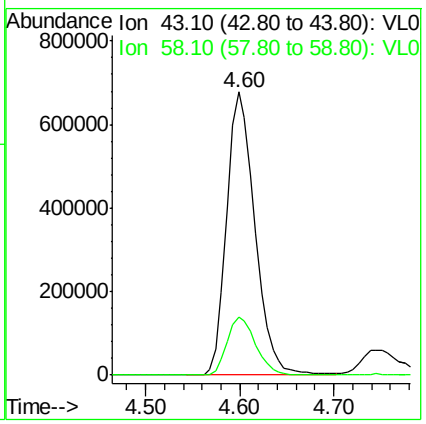


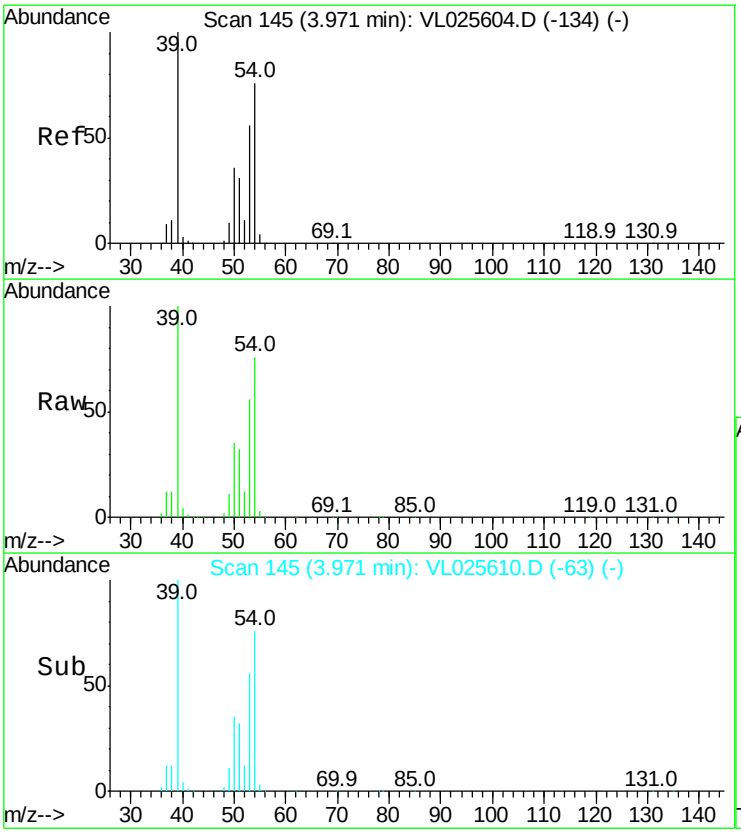
#15
Acetone
Concen: 14.32 ppbv
RT: 4.60 min Scan# 248
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1413498

Ion	Ratio	Lower	Upper
43	100		
58	21.0	17.2	25.8

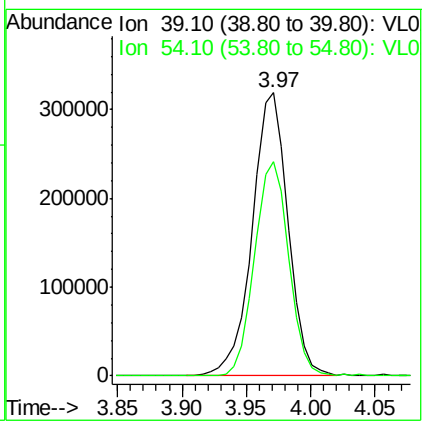


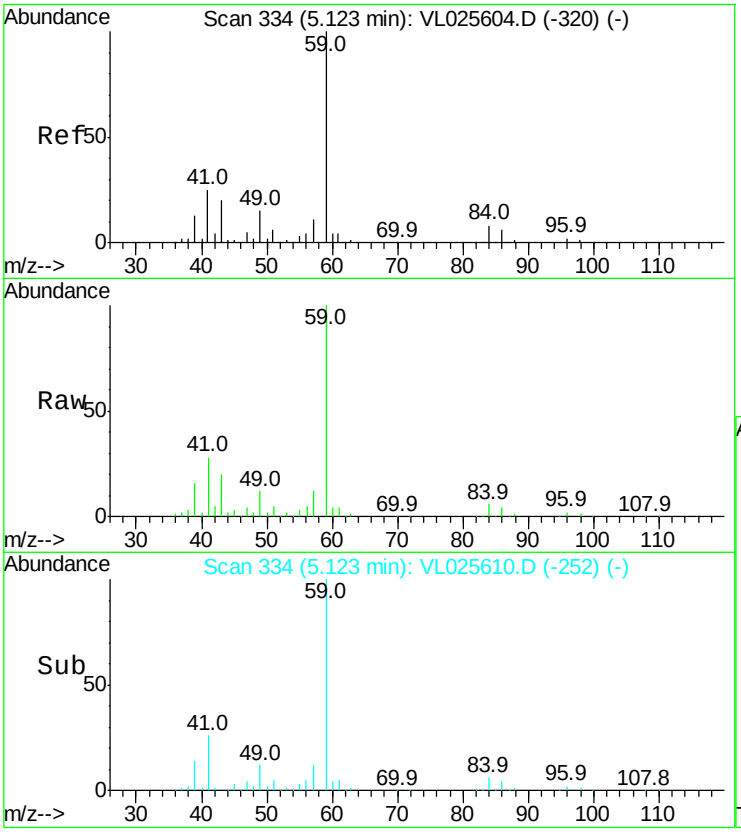


#16
1,3-Butadiene
Concen: 14.10 ppbv
RT: 3.97 min Scan# 145
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 39 Resp: 613035

Ion	Ratio	Lower	Upper
39	100		
54	72.4	59.3	88.9



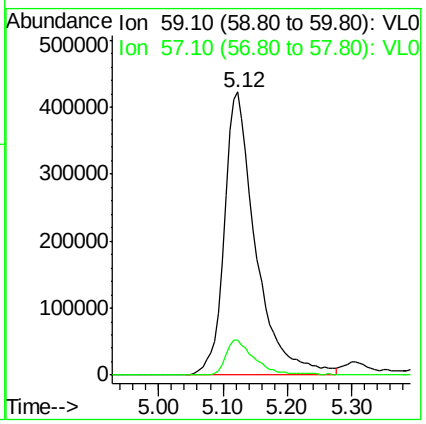


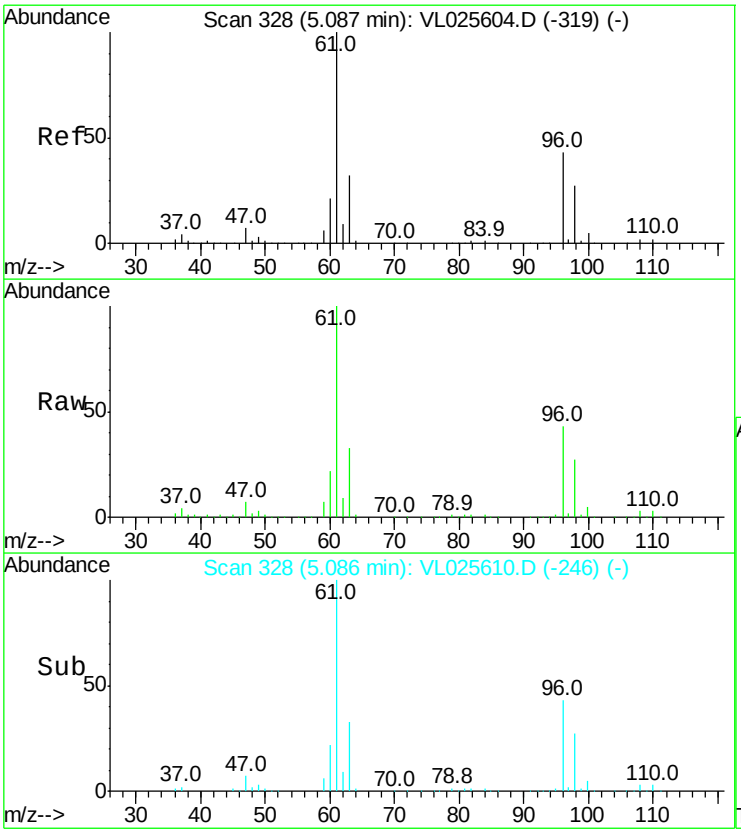
#17
tert-Butyl alcohol
Concen: 17.09 ppbv
RT: 5.12 min Scan# 334
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 1442847

Ion	Ratio	Lower	Upper
59	100		
57	11.9	9.4	14.2

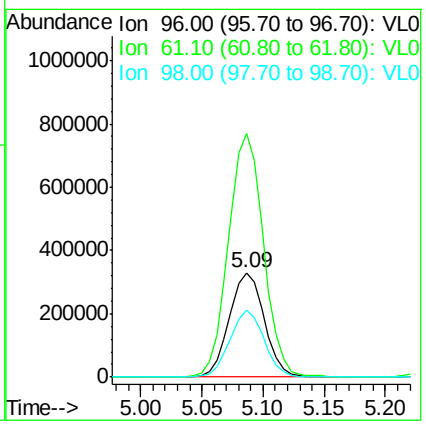


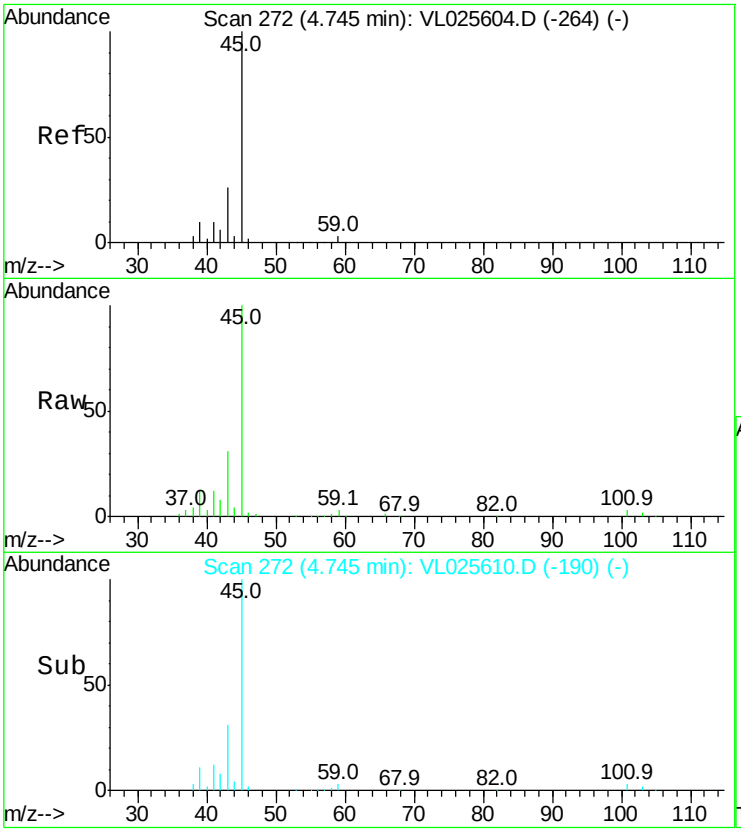


#18
1,1-Dichloroethene
Concen: 15.98 ppbv
RT: 5.09 min Scan# 328
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 96 Resp: 652291

Ion	Ratio	Lower	Upper
96	100		
61	232.5	184.1	276.1
98	63.5	50.0	75.0



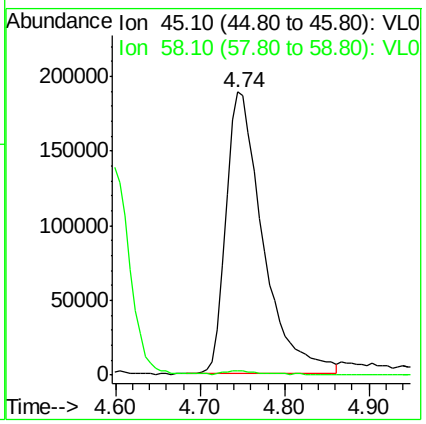


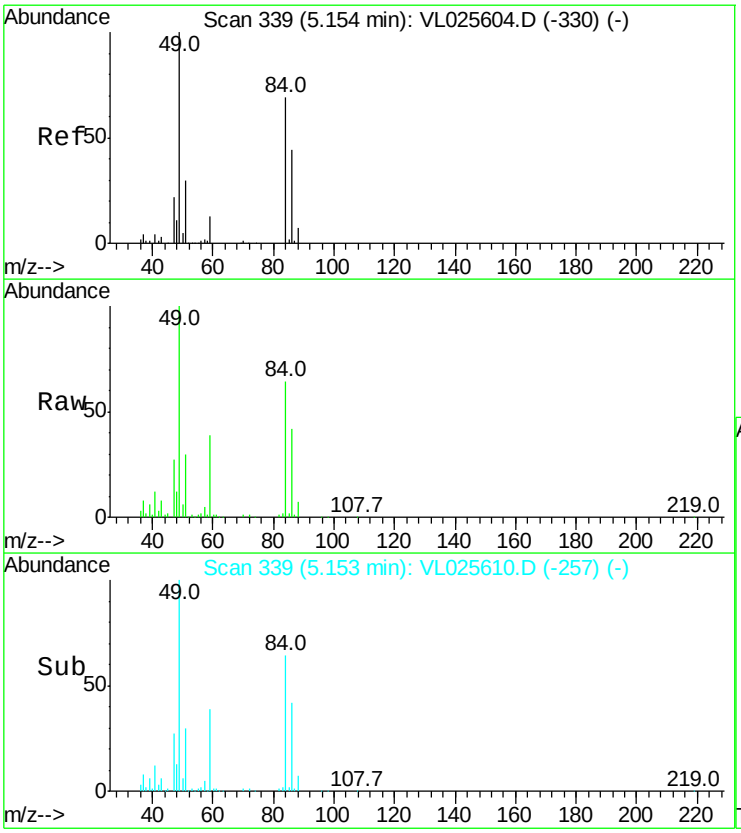
#19
Isopropyl Alcohol
Concen: 12.60 ppbv
RT: 4.74 min Scan# 272
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 566024

Ion	Ratio	Lower	Upper
45	100		
58	2.0	1.1	1.7#

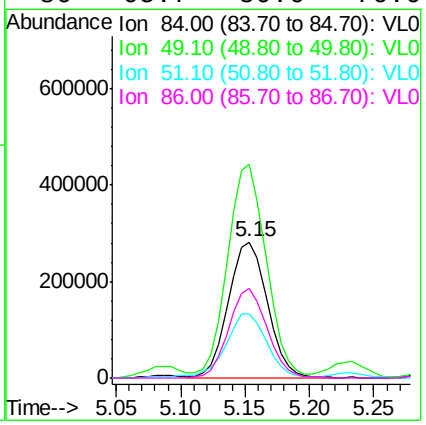


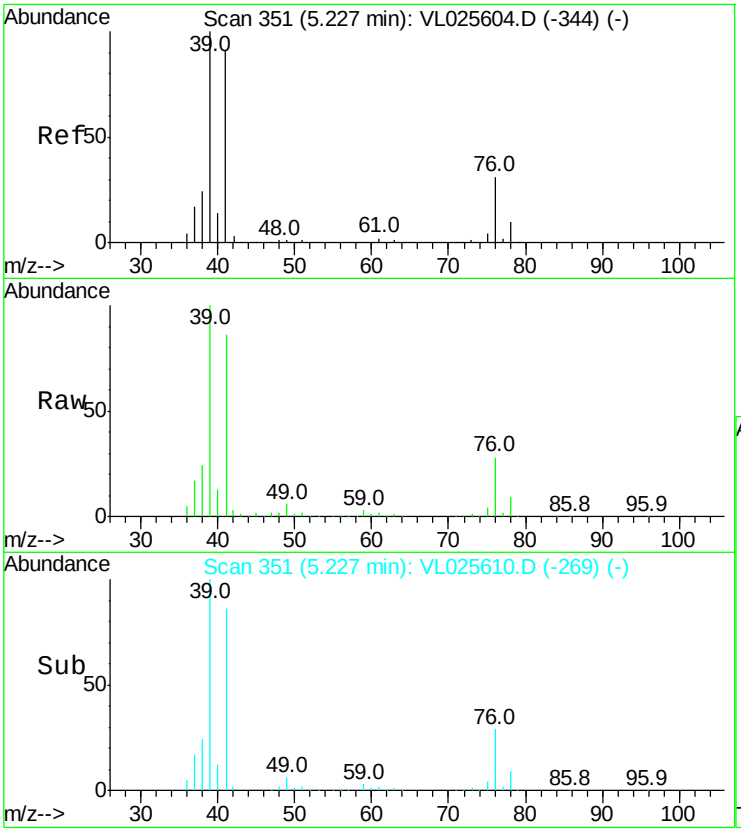


#20
Methylene Chloride
Concen: 13.85 ppbv
RT: 5.15 min Scan# 339
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 84 Resp: 593551

Ion	Ratio	Lower	Upper
84	100		
49	153.4	115.2	172.8
51	45.3	35.0	52.6
86	65.7	50.6	76.0



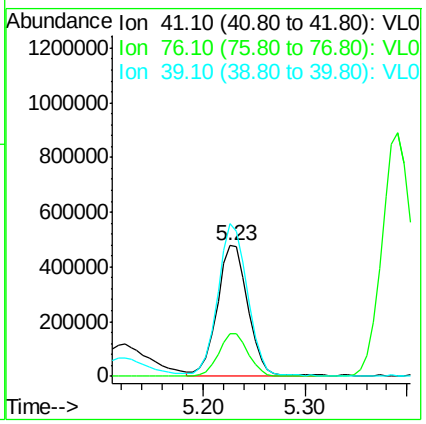


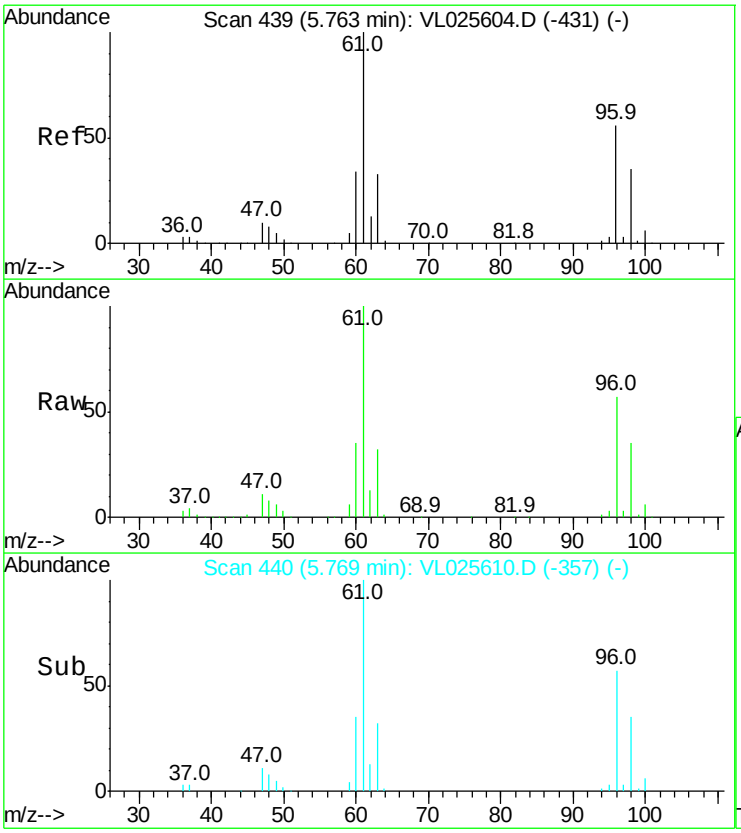
#21
Allyl Chloride
Concen: 15.32 ppbv
RT: 5.23 min Scan# 351
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 41 Resp: 989686

Ion	Ratio	Lower	Upper
41	100		
76	32.0	26.6	40.0
39	113.7	88.2	132.4

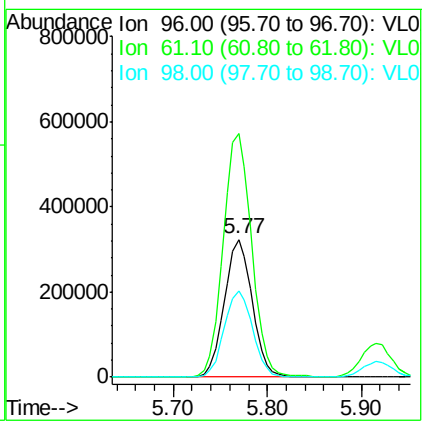


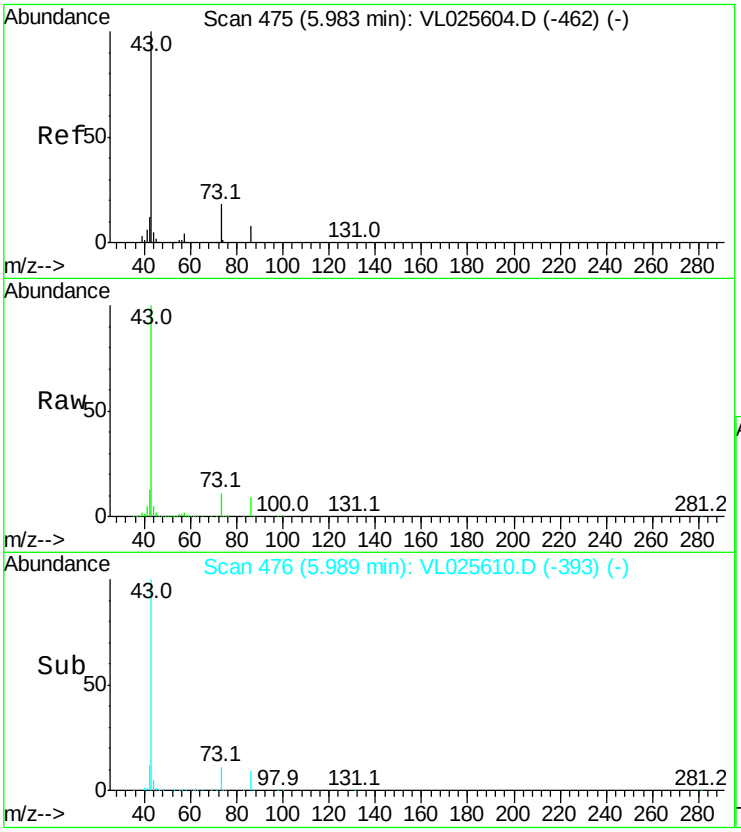


#22
trans-1,2-Dichloroethene
Concen: 14.00 ppbv
RT: 5.77 min Scan# 440
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 96 Resp: 666035

Ion	Ratio	Lower	Upper
96	100		
61	176.9	141.8	212.6
98	62.2	49.0	73.6



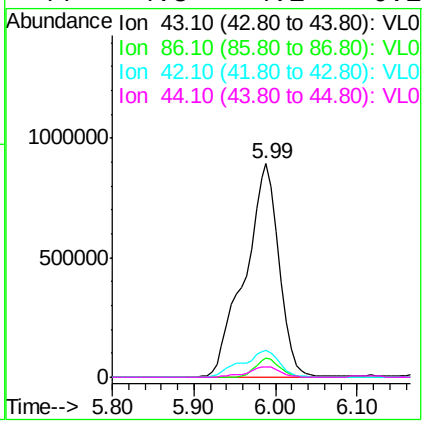


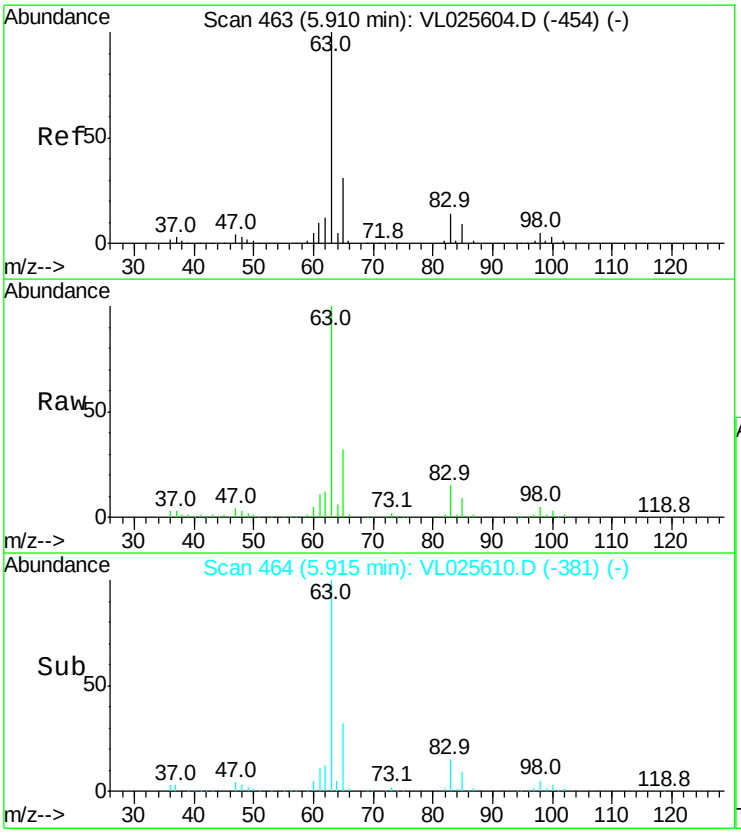
#23
Vinyl Acetate
Concen: 14.97 ppbv
RT: 5.99 min Scan# 476
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 2590602

Ion	Ratio	Lower	Upper
43	100		
86	8.9	6.7	10.1
42	12.8	9.8	14.6
44	4.8	4.1	6.1

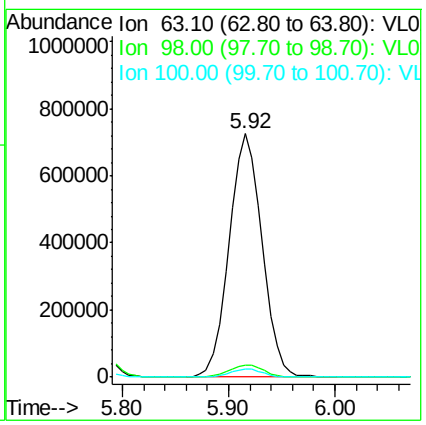


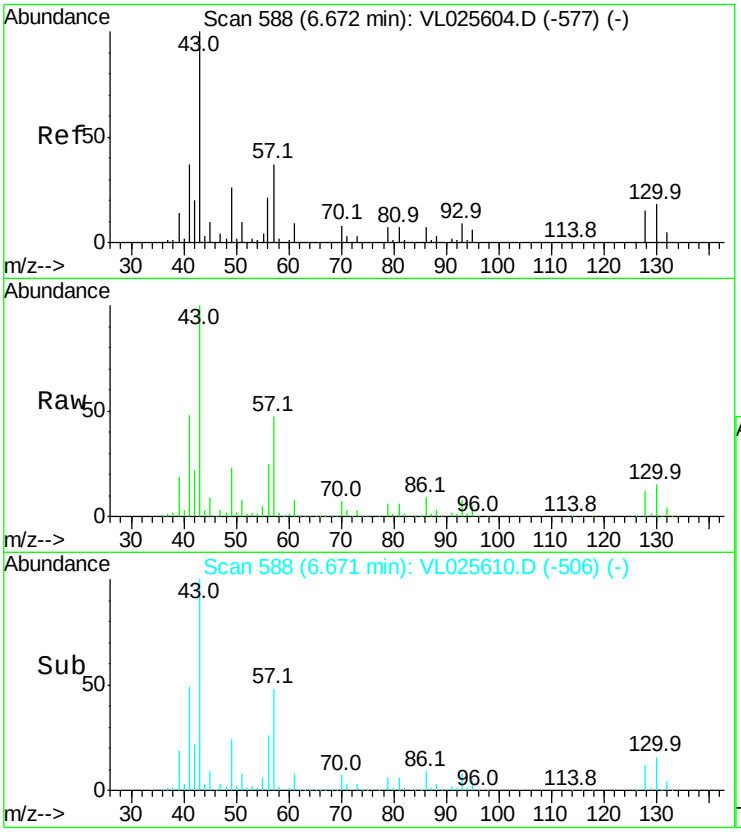


#24
1,1-Dichloroethane
Concen: 13.92 ppbv
RT: 5.92 min Scan# 464
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 63 Resp: 1568137

Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.6	8.0
100	3.3	1.6	4.7



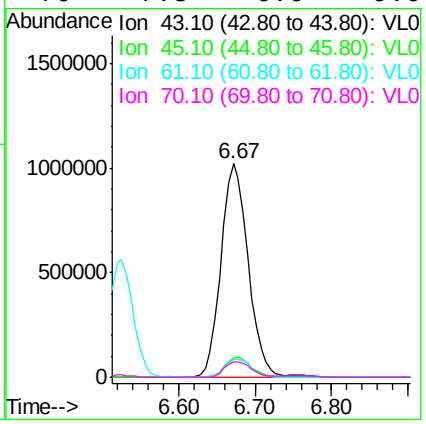


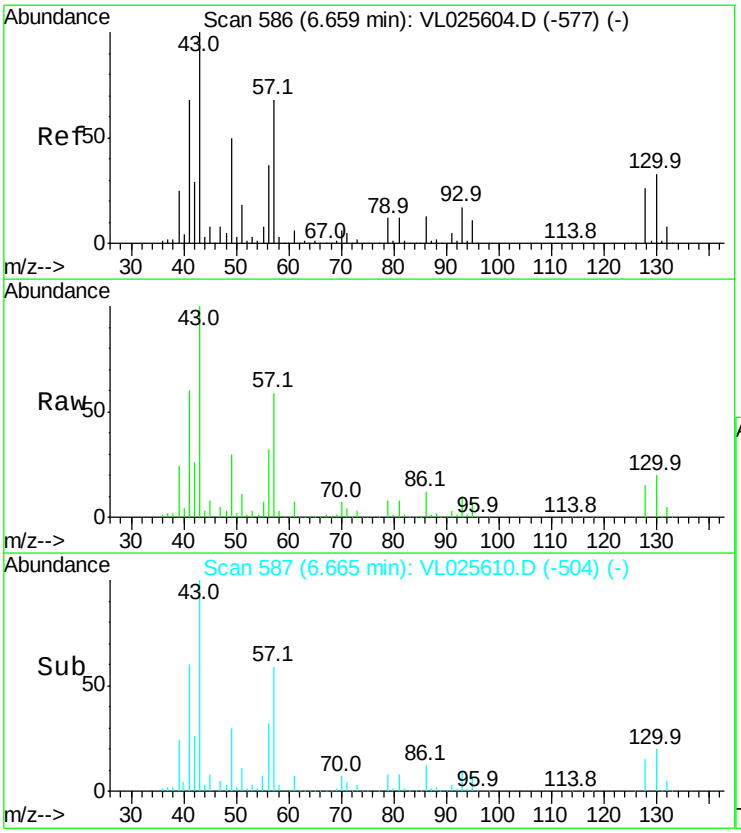
#25
Ethyl Acetate
Concen: 14.07 ppbv
RT: 6.67 min Scan# 588
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 2498577

Ion	Ratio	Lower	Upper
43	100		
45	9.2	7.5	11.3
61	8.4	6.6	10.0
70	7.3	6.0	9.0

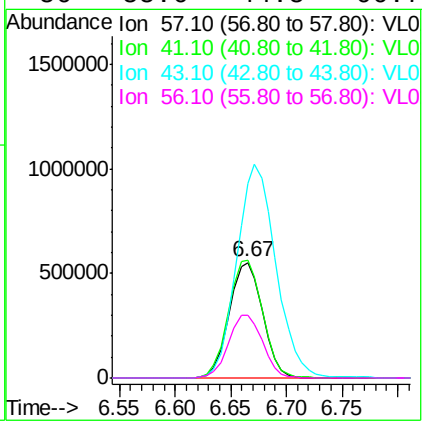


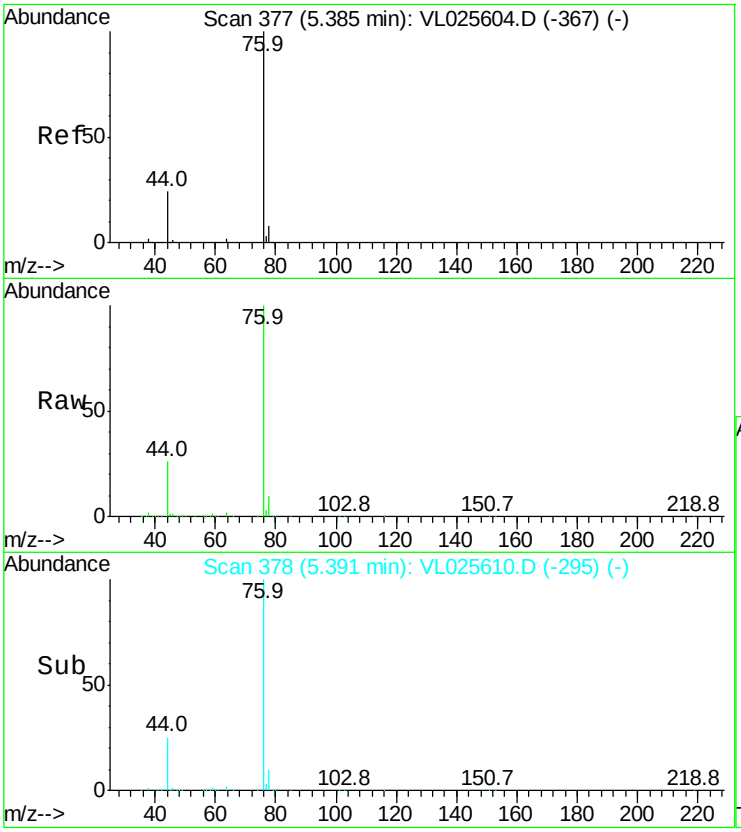


#26
Hexane
Concen: 13.76 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 57 Resp: 1151546

Ion	Ratio	Lower	Upper
57	100		
41	105.1	81.4	122.2
43	218.2	171.4	257.2
56	55.6	44.5	66.7



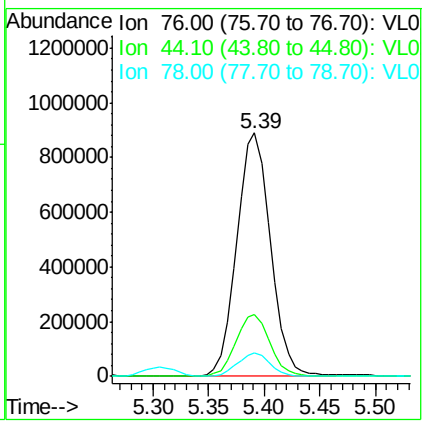


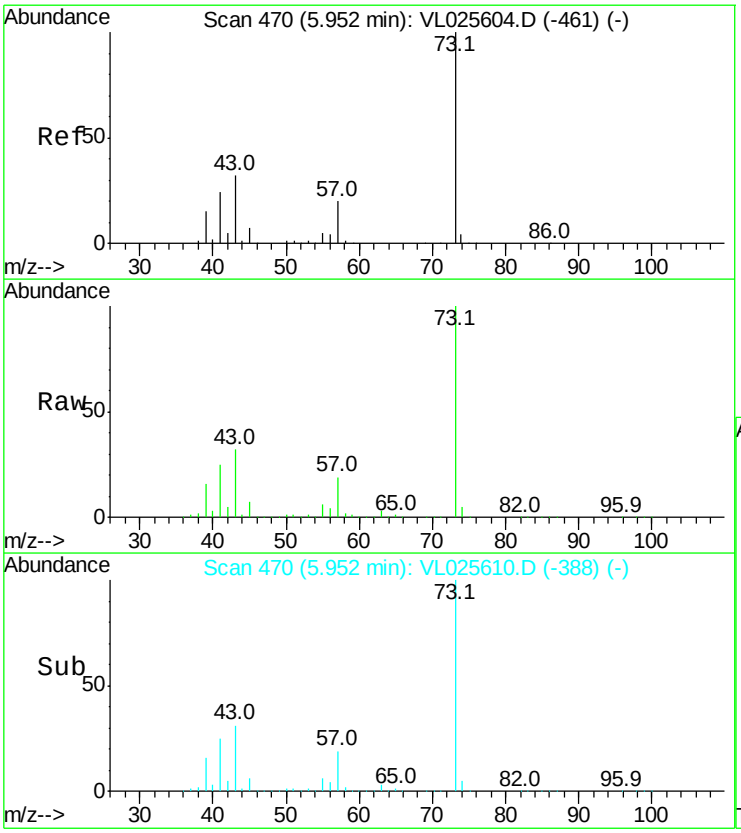
#27
Carbon Disulfide
Concen: 16.26 ppbv
RT: 5.39 min Scan# 378
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 1878964

Ion	Ratio	Lower	Upper
76	100		
44	25.9	20.2	30.4
78	9.5	7.4	11.2

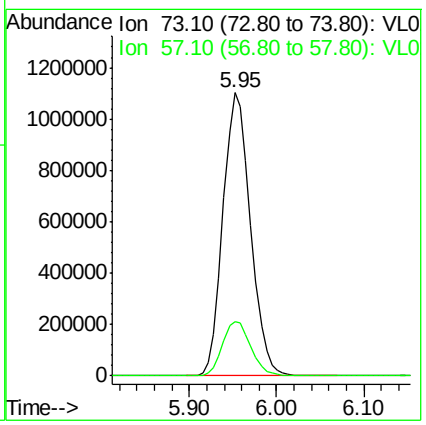


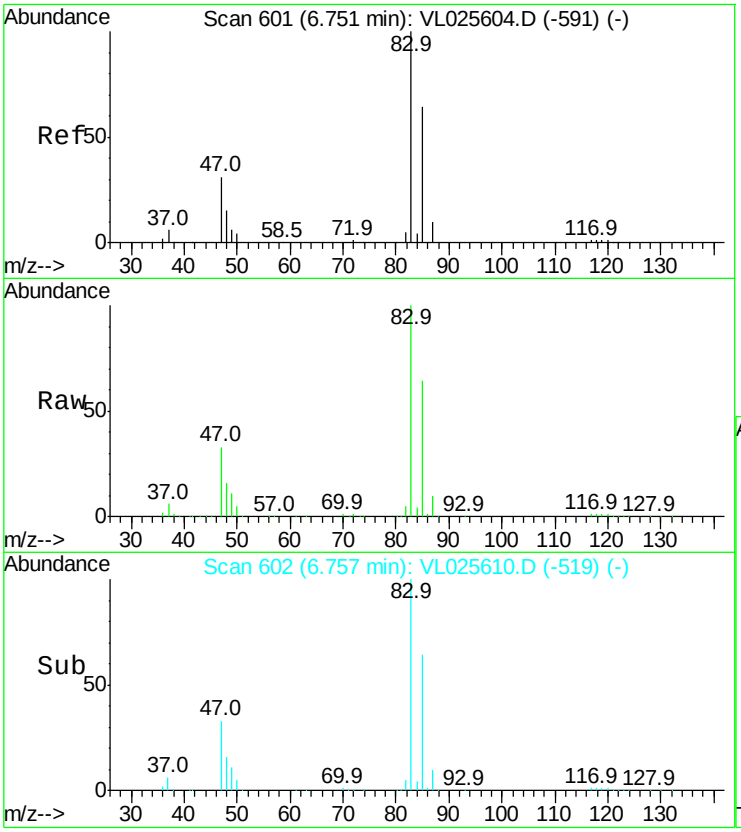


#28
Methyl tert-Butyl Ether
Concen: 15.46 ppbv
RT: 5.95 min Scan# 470
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 73 Resp: 2407342

Ion	Ratio	Lower	Upper
73	100		
57	19.9	16.0	24.0



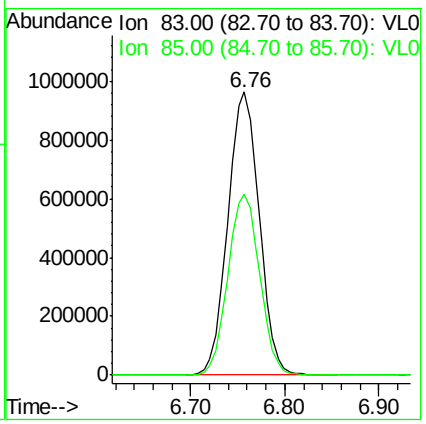


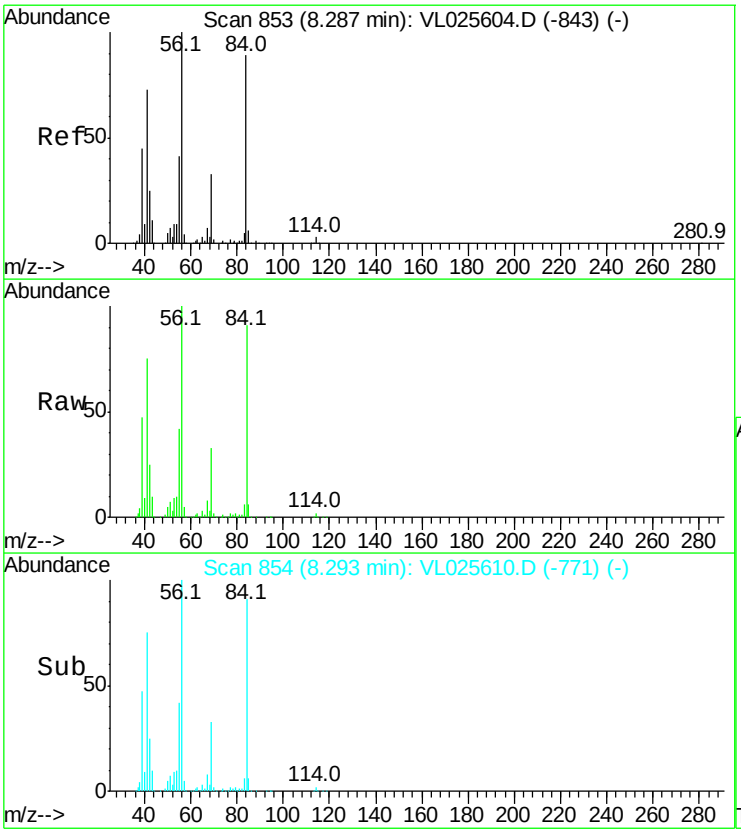
#29
Chloroform
Concen: 16.12 ppbv
RT: 6.76 min Scan# 602
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2239609

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.6	77.4

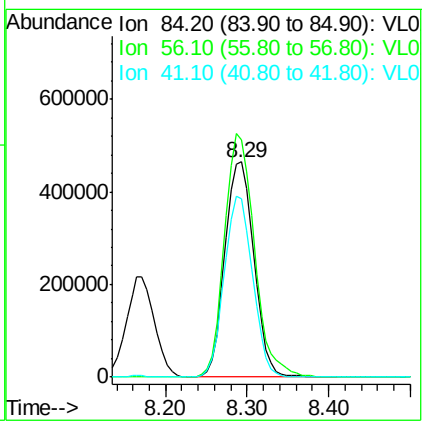


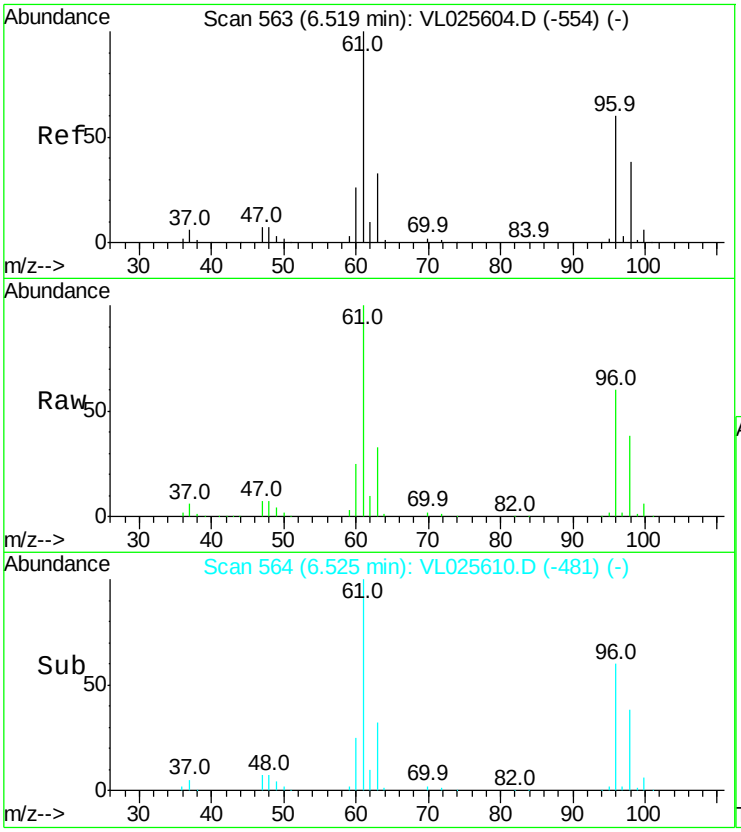


#30
Cyclohexane
Concen: 14.98 ppbv
RT: 8.29 min Scan# 854
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 84 Resp: 1142517

Ion	Ratio	Lower	Upper
84	100		
56	116.7	97.5	146.3
41	81.9	65.4	98.2



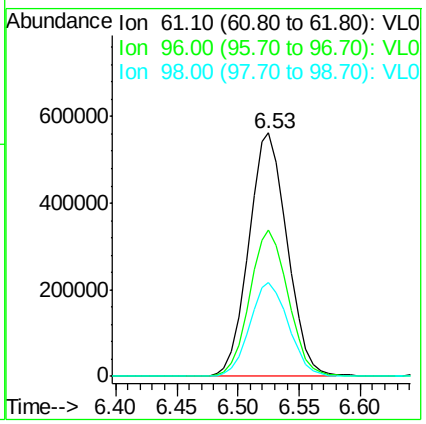


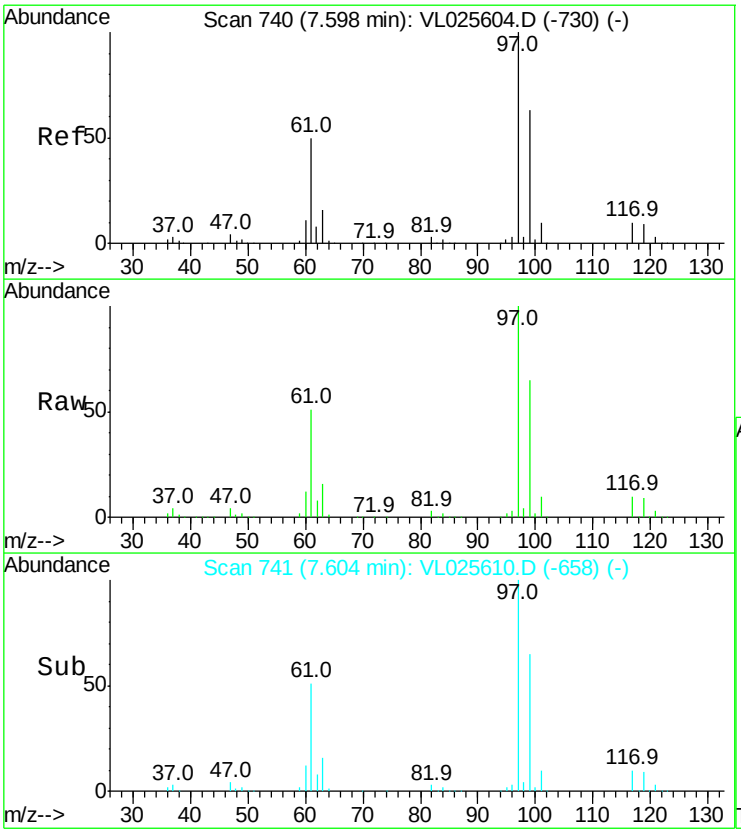
#31
cis-1,2-Dichloroethene
Concen: 15.37 ppbv
RT: 6.53 min Scan# 564
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 1231805

Ion	Ratio	Lower	Upper
61	100		
96	59.9	48.1	72.1
98	38.3	30.7	46.1

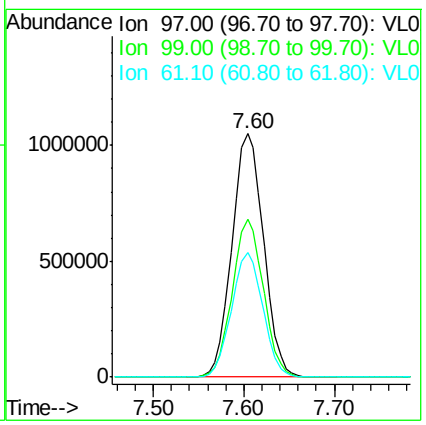


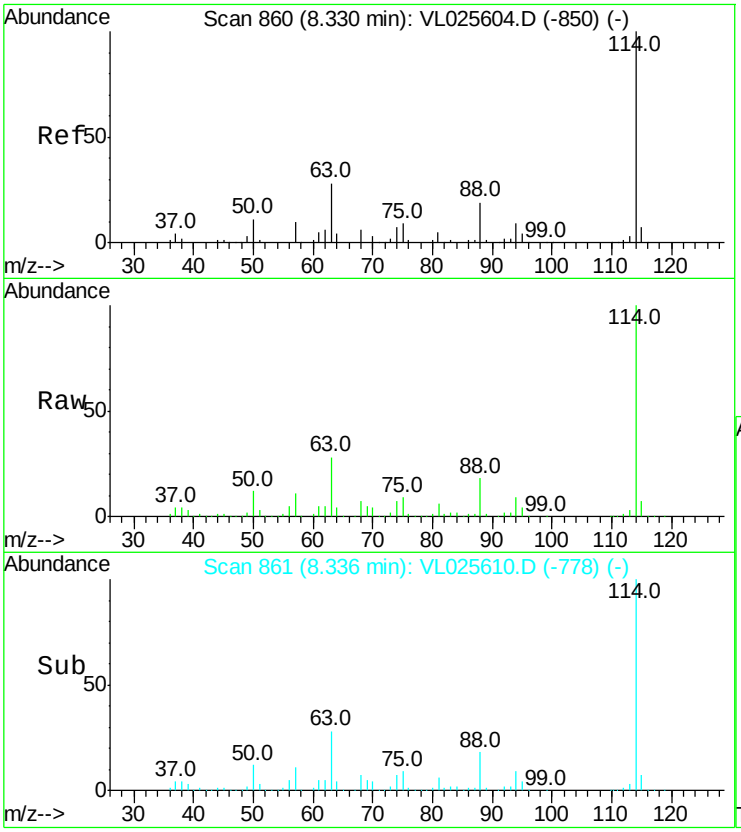


#32
1,1,1-Trichloroethane
Concen: 16.19 ppbv
RT: 7.60 min Scan# 741
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 97 Resp: 2539855

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	50.9	40.4	60.6



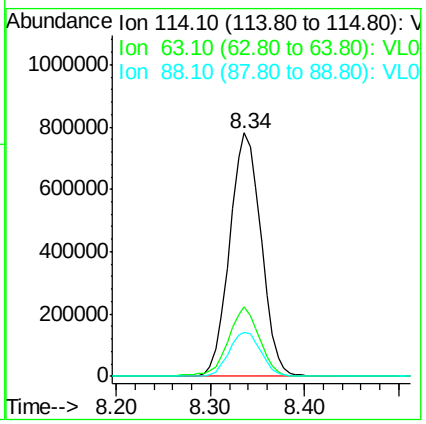


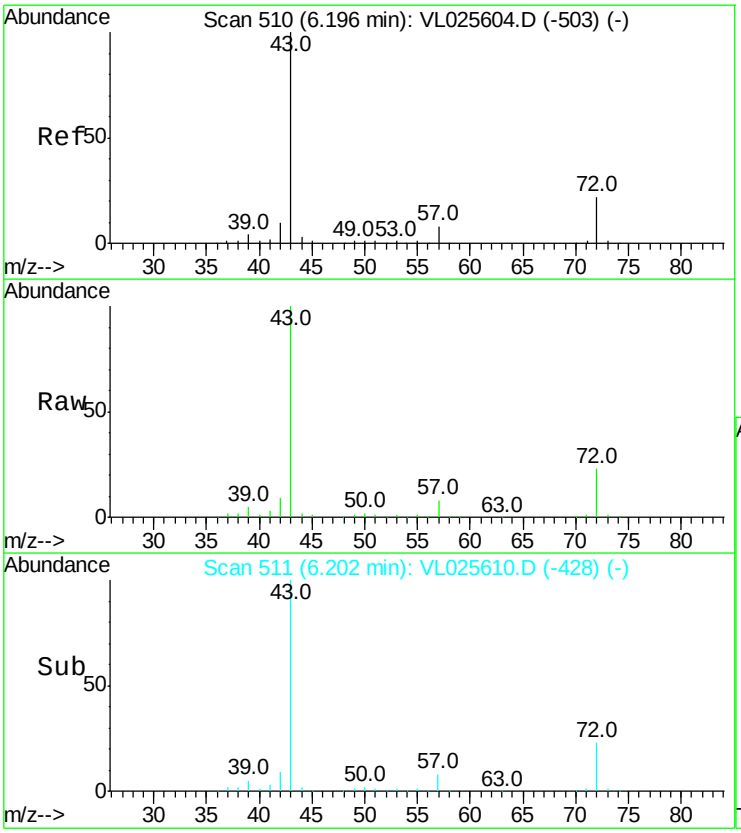
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 861
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 1820170

Ion	Ratio	Lower	Upper
114	100		
63	28.5	22.4	33.6
88	18.5	15.0	22.4

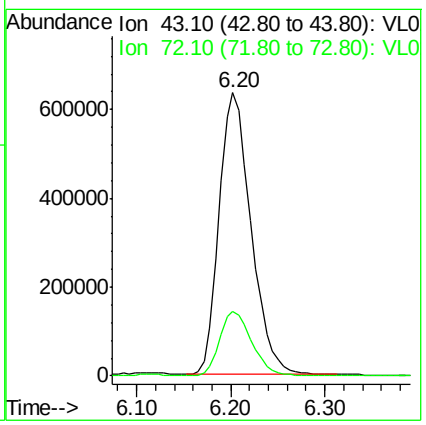


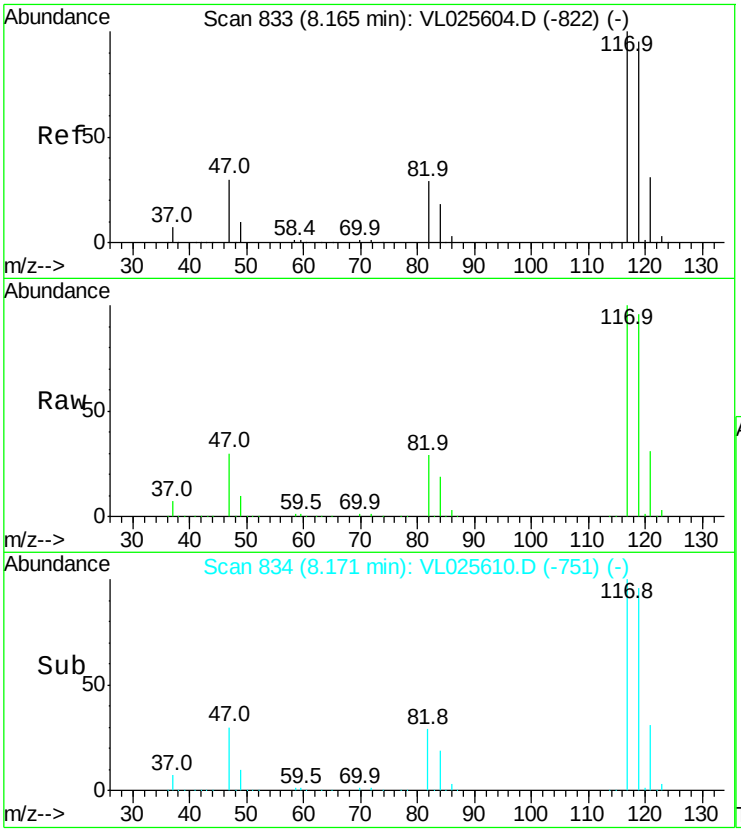


#34
2-Butanone
Concen: 13.80 ppbv
RT: 6.20 min Scan# 511
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 43 Resp: 1496128

Ion	Ratio	Lower	Upper
43	100		
72	23.3	18.6	28.0



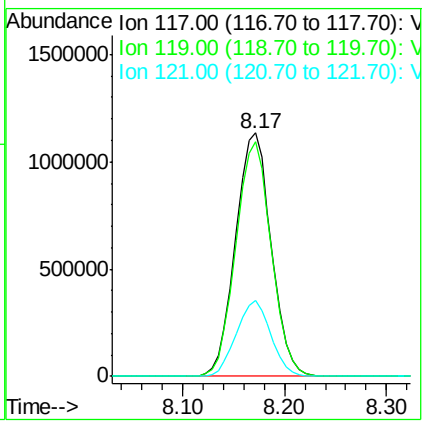


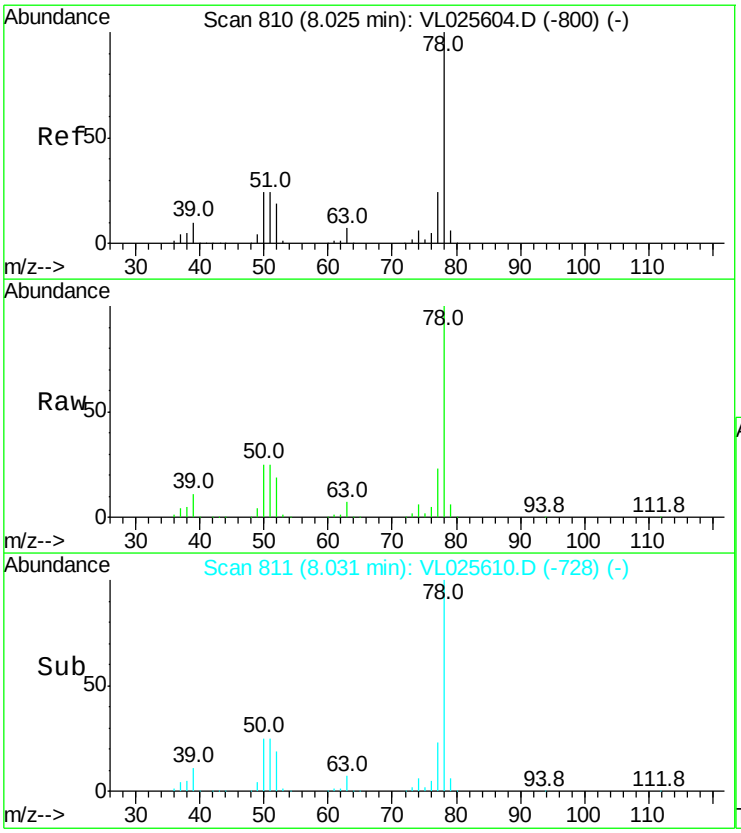
#35
Carbon Tetrachloride
Concen: 16.73 ppbv
RT: 8.17 min Scan# 834
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2752986

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.9	113.9
121	31.0	24.4	36.6

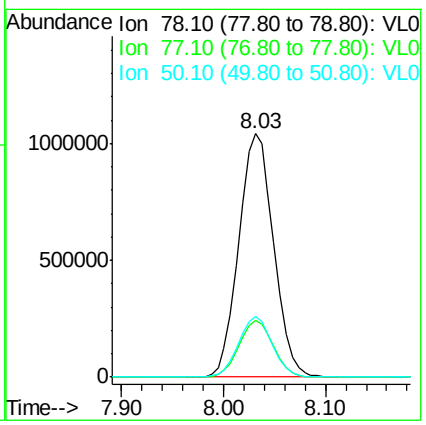


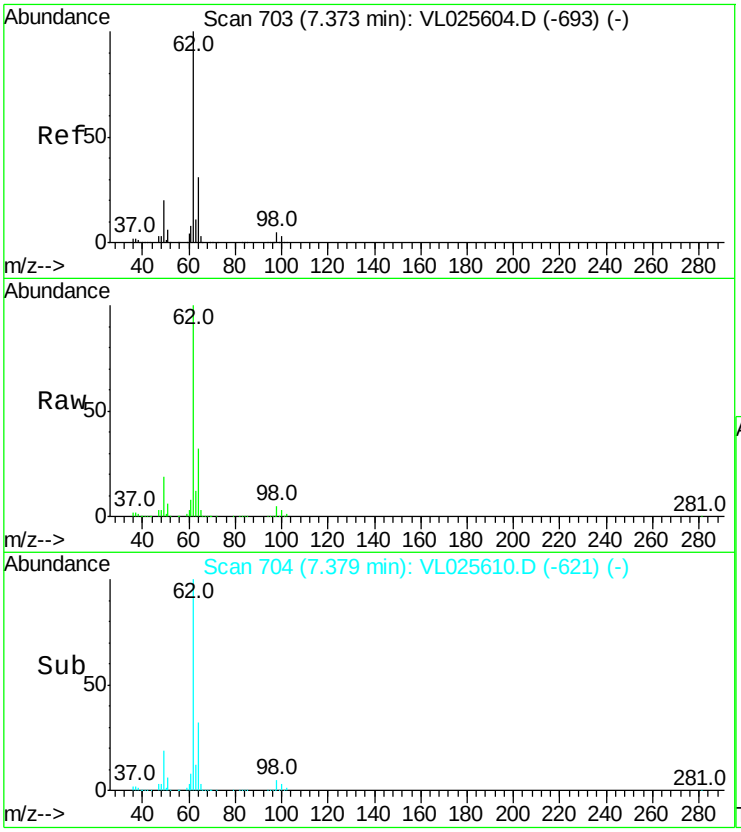


#36
Benzene
Concen: 13.75 ppbv
RT: 8.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 78 Resp: 2471185

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4
50	24.7	19.2	28.8



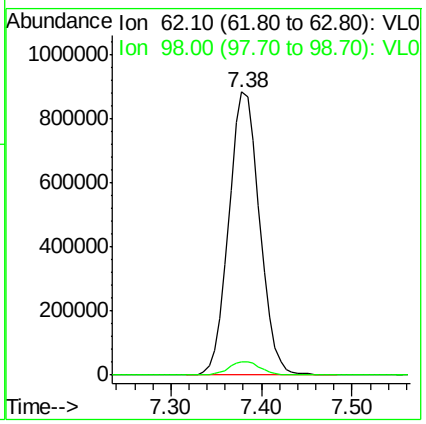


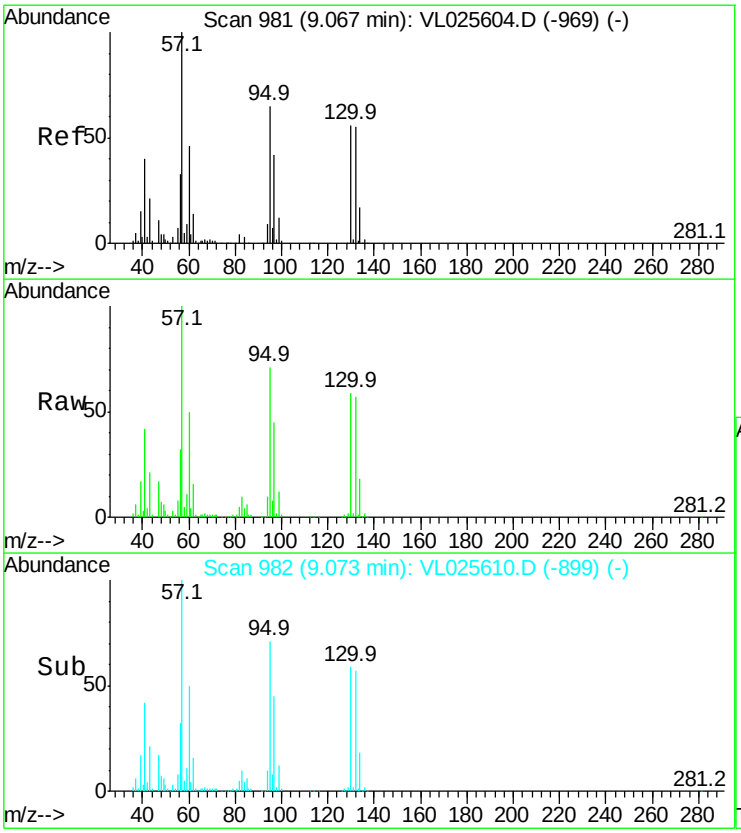
#37
1,2-Dichloroethane
Concen: 16.73 ppbv
RT: 7.38 min Scan# 704
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 2091387

Ion	Ratio	Lower	Upper
62	100		
98	4.9	4.1	6.1

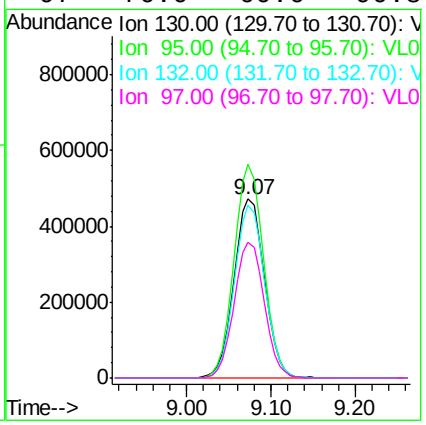


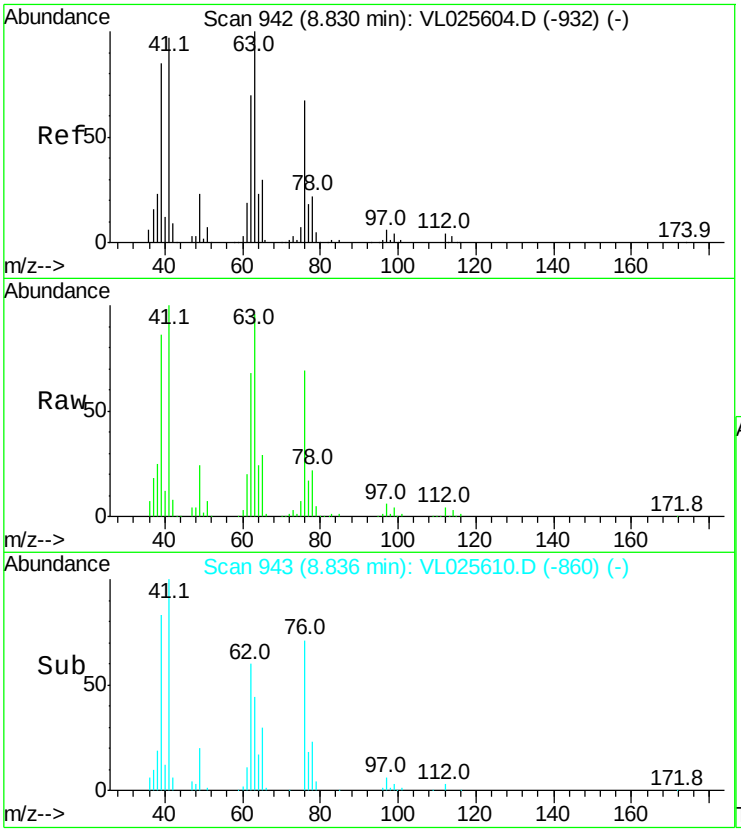


#38
Trichloroethene
Concen: 14.78 ppbv
RT: 9.07 min Scan# 982
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:130 Resp: 1147616

Ion	Ratio	Lower	Upper
130	100		
95	119.6	94.2	141.4
132	96.5	78.6	118.0
97	76.0	60.6	90.8



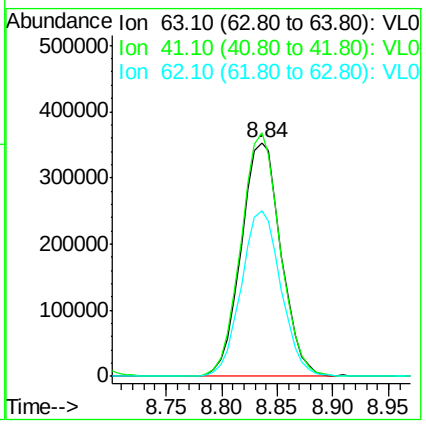


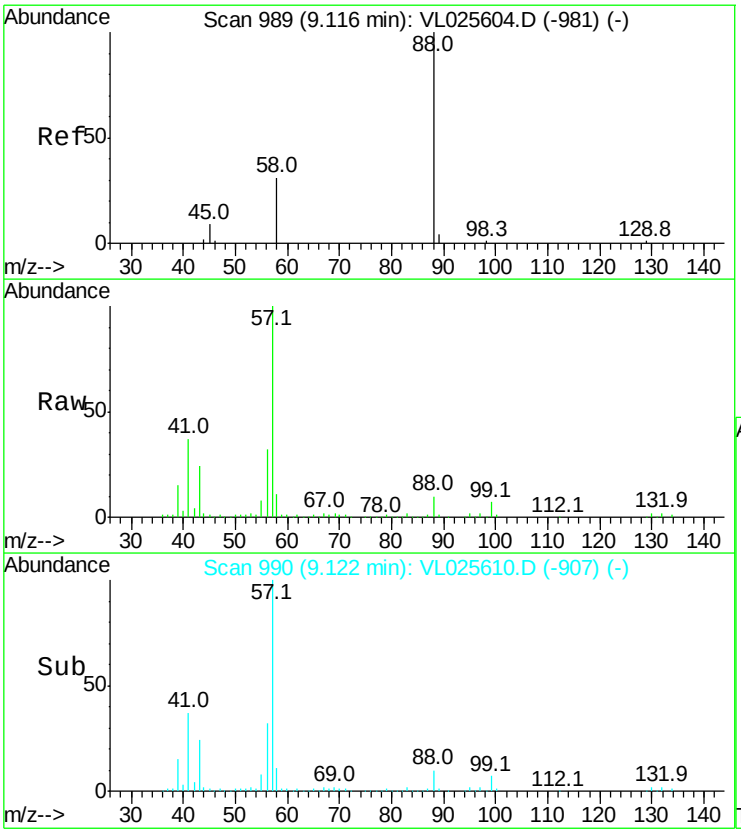
#39
1,2-Dichloropropane
Concen: 13.16 ppbv
RT: 8.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 63 Resp: 878366

Ion	Ratio	Lower	Upper
63	100		
41	104.2	78.0	117.0
62	71.0	55.7	83.5

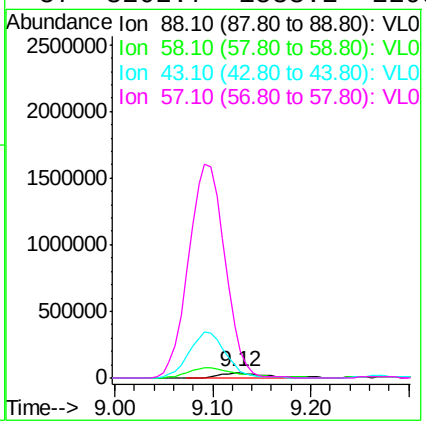


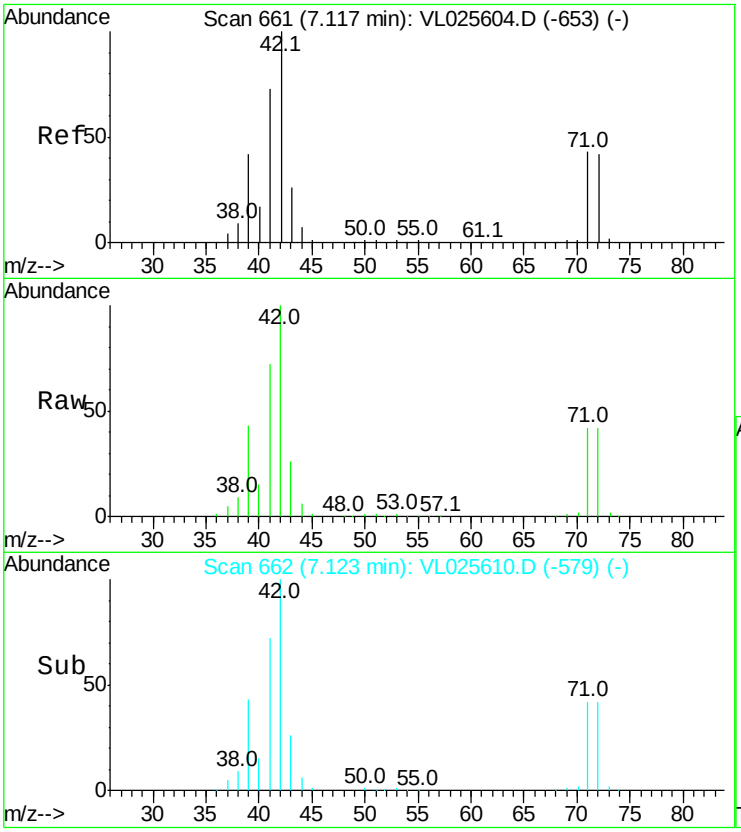


#40
1,4-Dioxane
Concen: 8.80 ppbv
RT: 9.12 min Scan# 990
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 88 Resp: 130339

Ion	Ratio	Lower	Upper
88	100		
58	215.5	127.1	190.7#
43	700.7	337.7	506.5#
57	3202.7	1533.2	2299.8#



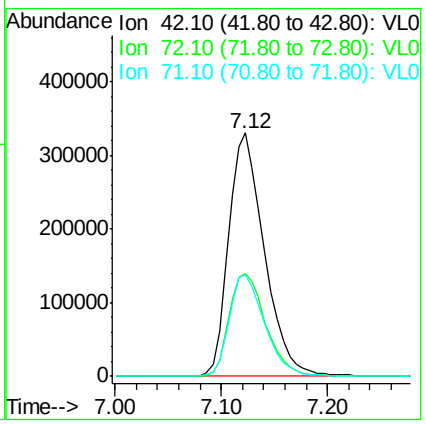


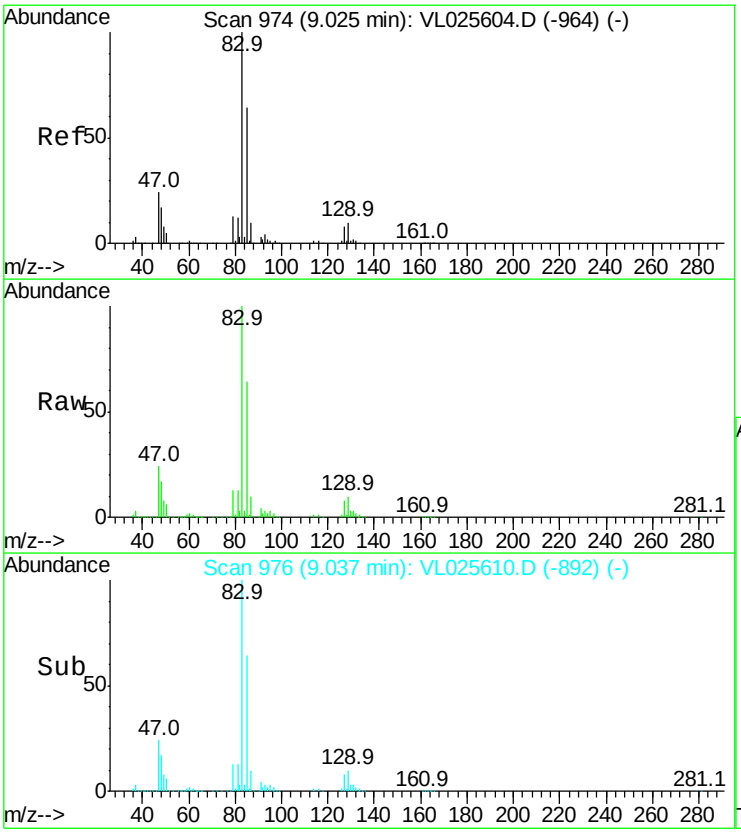
#41
Tetrahydrofuran
Concen: 13.35 ppbv
RT: 7.12 min Scan# 662
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 42 Resp: 777348

Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.0	51.0
71	41.5	33.0	49.6

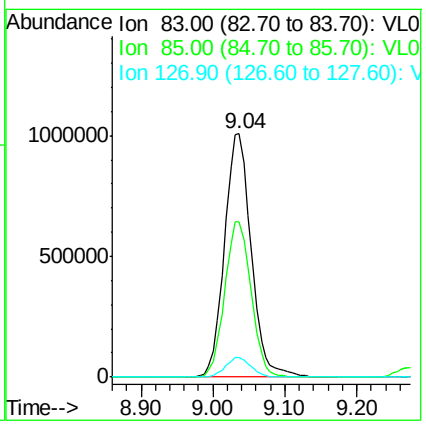


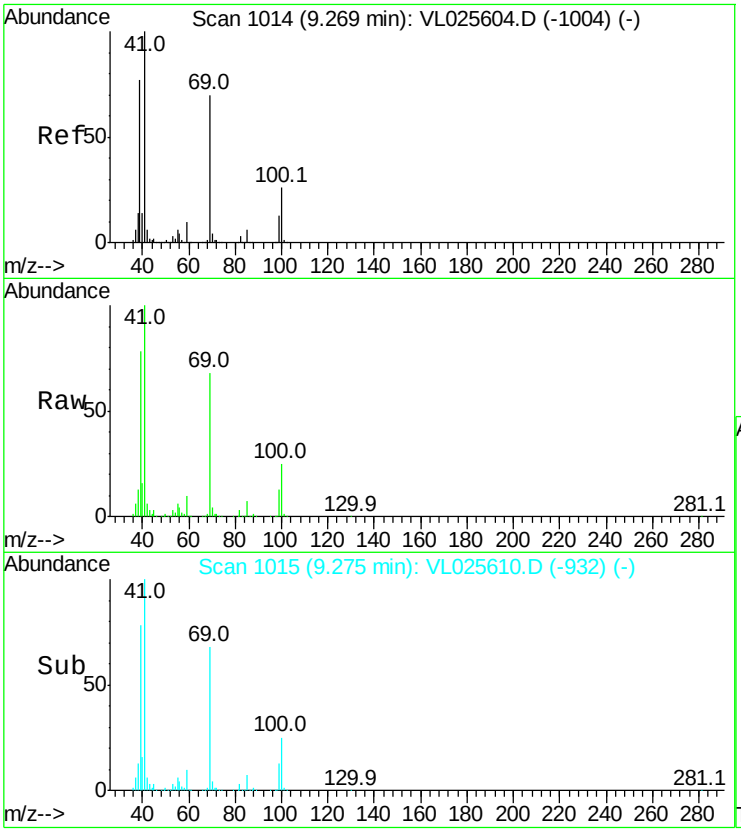


#42
Bromodichloromethane
Concen: 16.60 ppbv
RT: 9.04 min Scan# 976
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 83 Resp: 2600441

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.3	76.9
127	8.3	6.0	9.0



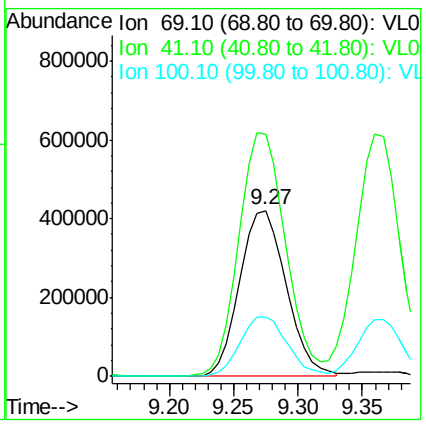


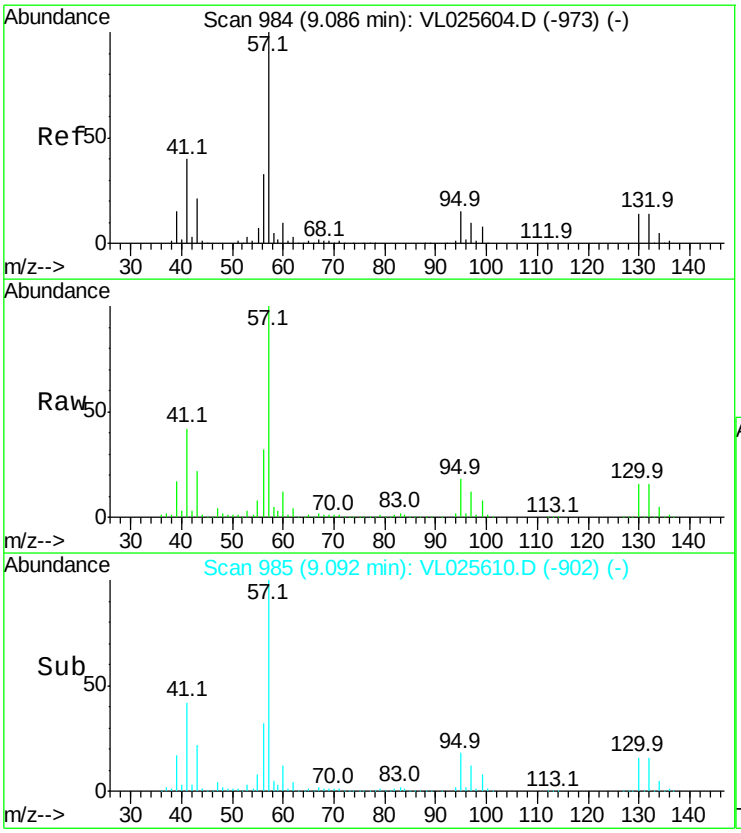
#43
Methyl Methacrylate
Concen: 15.84 ppbv
RT: 9.27 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 69 Resp: 1058380

Ion	Ratio	Lower	Upper
69	100		
41	147.7	117.3	175.9
100	36.4	29.0	43.6

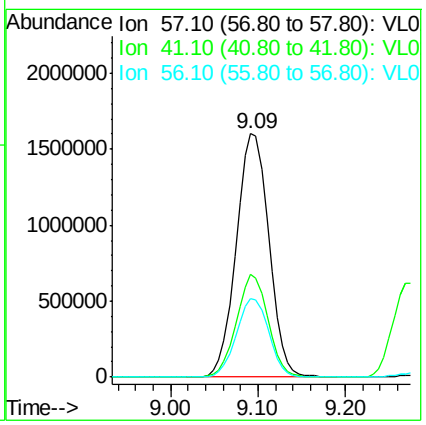


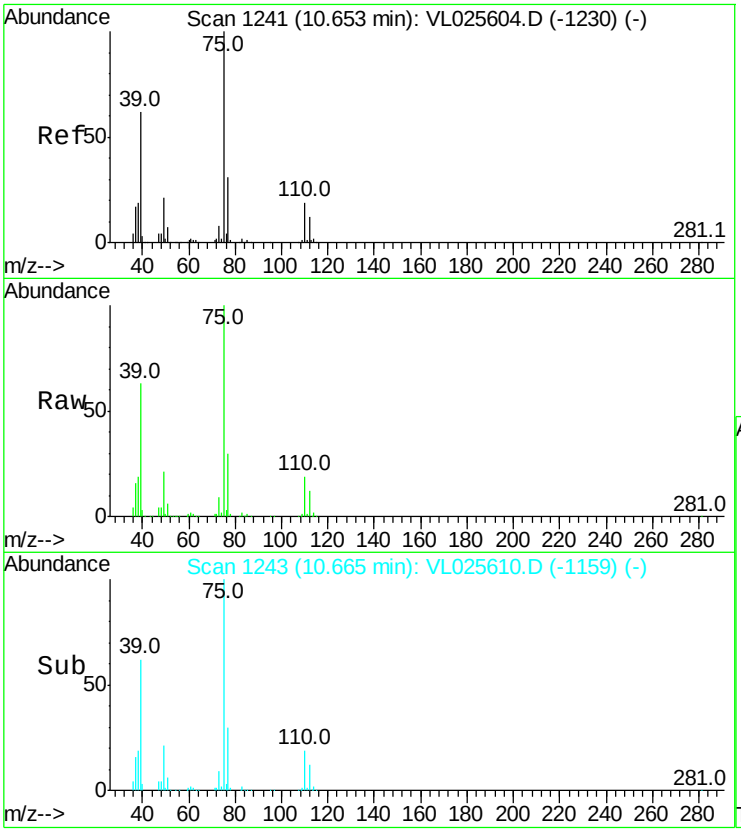


#44
2,2,4-Trimethylpentane
Concen: 13.45 ppbv
RT: 9.09 min Scan# 985
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 57 Resp: 4170625

Ion	Ratio	Lower	Upper
57	100		
41	40.6	31.2	46.8
56	32.0	25.4	38.2



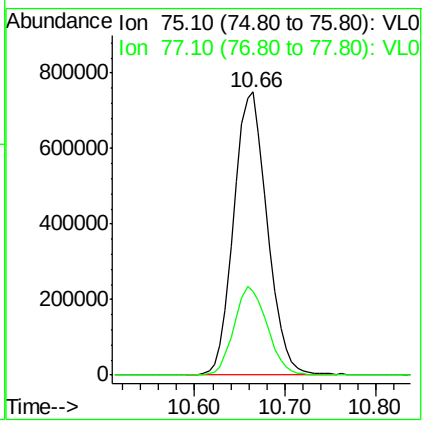


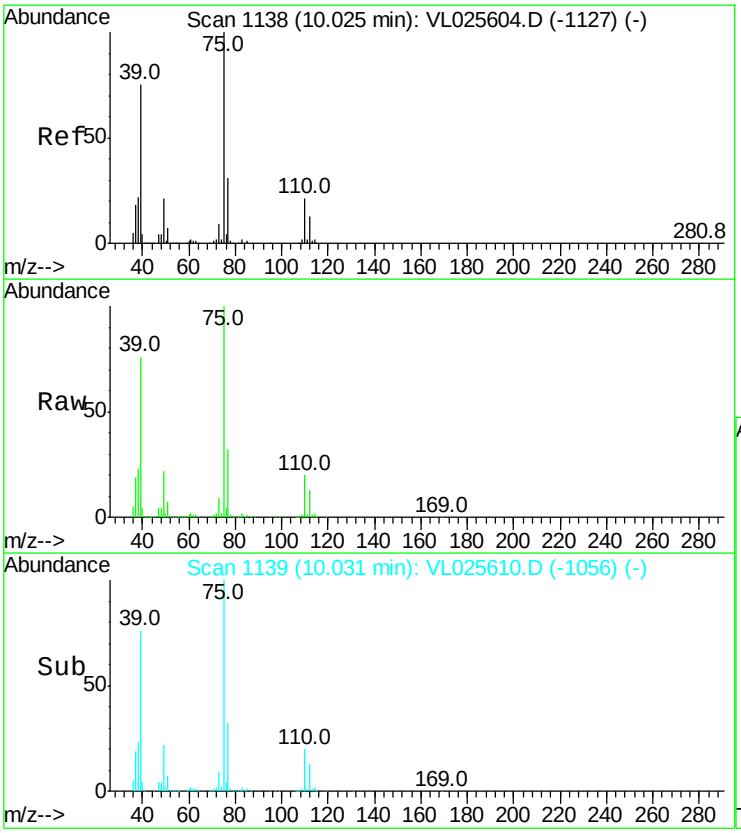
#45
t-1,3-Dichloropropene
Concen: 18.41 ppbv
RT: 10.66 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 1924776

Ion	Ratio	Lower	Upper
75	100		
77	29.8	24.6	37.0

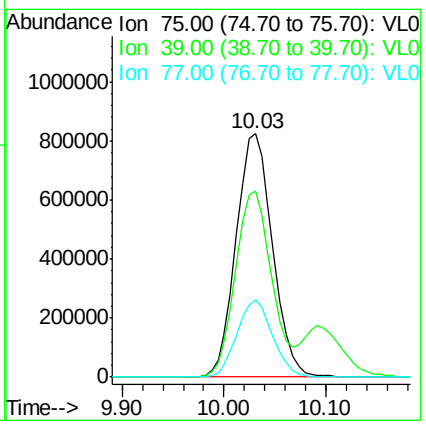


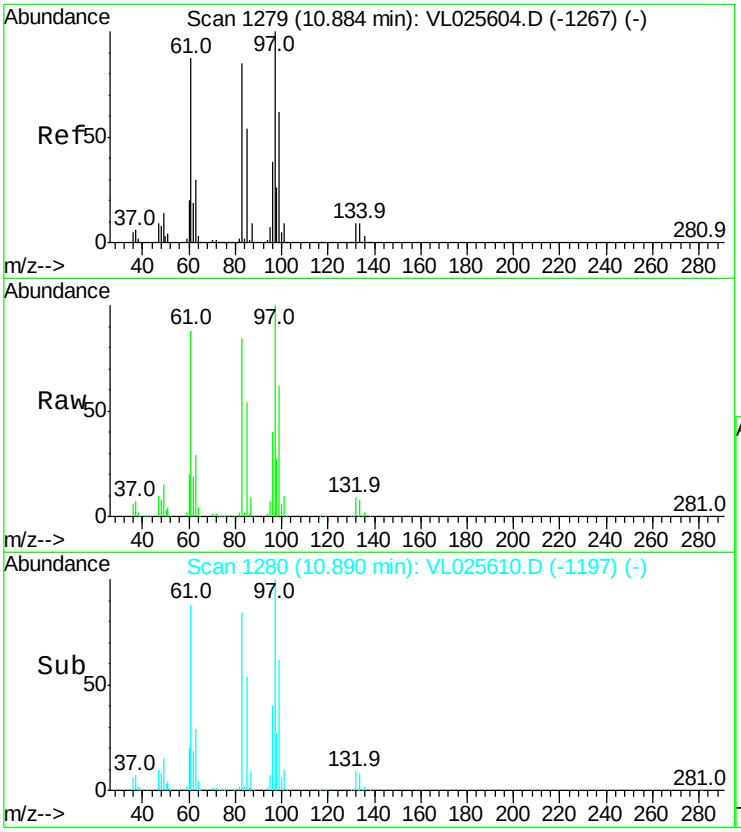


#46
cis-1,3-Dichloropropene
Concen: 16.84 ppbv
RT: 10.03 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 75 Resp: 2045675

Ion	Ratio	Lower	Upper
75	100		
39	76.2	60.4	90.6
77	31.9	24.6	37.0



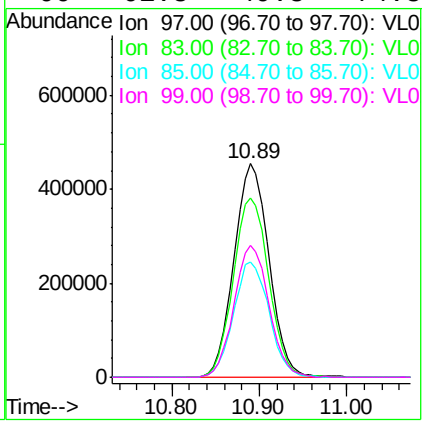


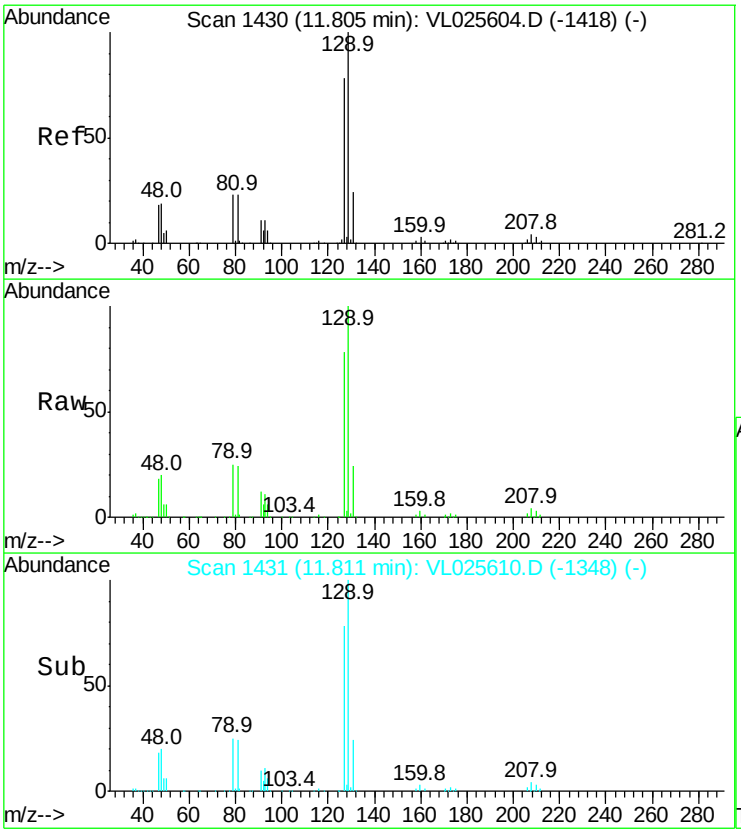
#47
1,1,2-Trichloroethane
Concen: 15.15 ppbv
RT: 10.89 min Scan# 1280
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 97 Resp: 1266136

Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.8	101.8
85	54.0	43.5	65.3
99	61.8	49.8	74.8

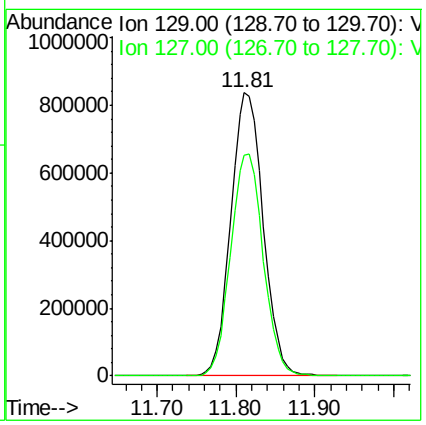


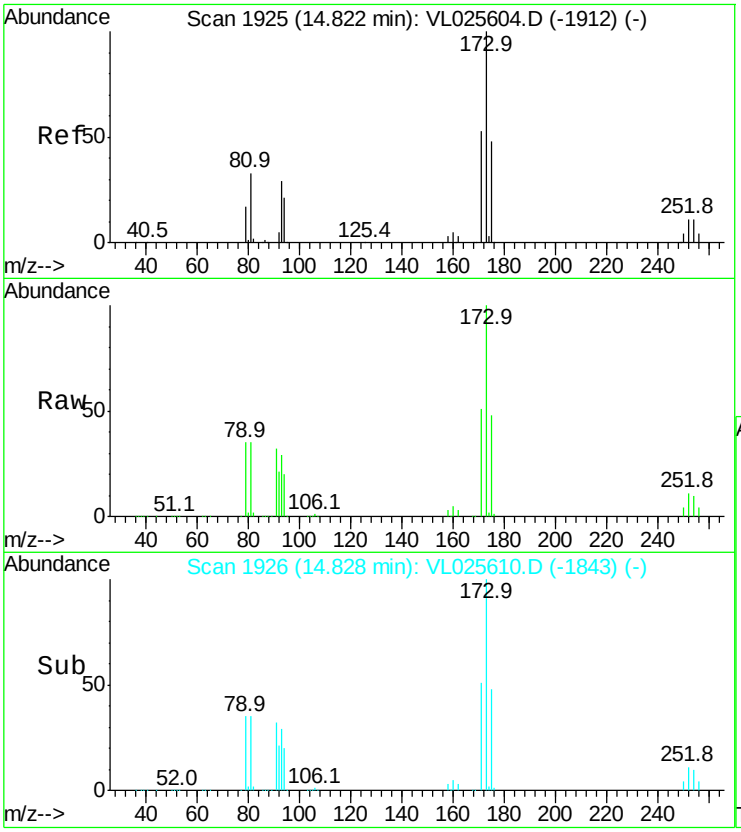


#48
Dibromochloromethane
Concen: 17.82 ppbv
RT: 11.81 min Scan# 1431
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:129 Resp: 2396388

Ion	Ratio	Lower	Upper
129	100		
127	79.1	39.0	116.9



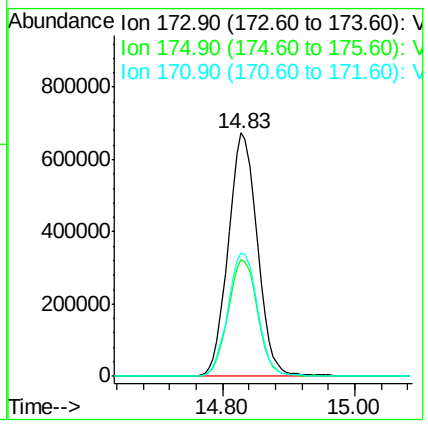


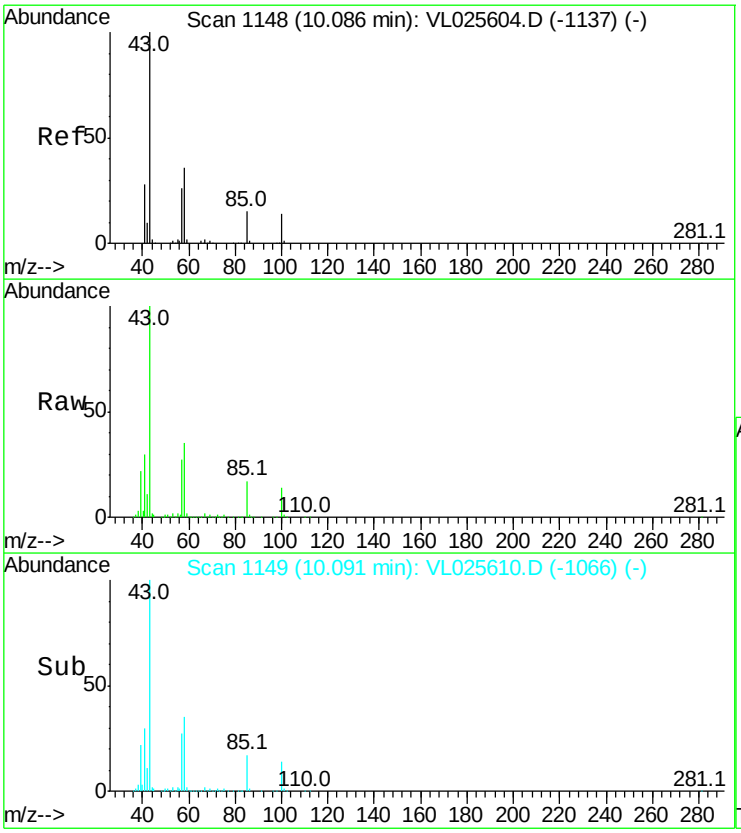
#49
Bromoform
Concen: 19.18 ppbv
RT: 14.83 min Scan# 1926
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:173 Resp: 2065112

Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.5	59.3
171	51.9	42.2	63.2

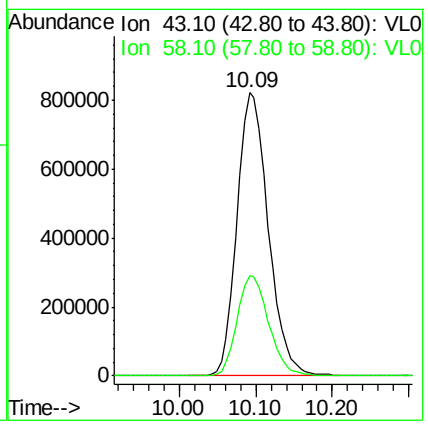


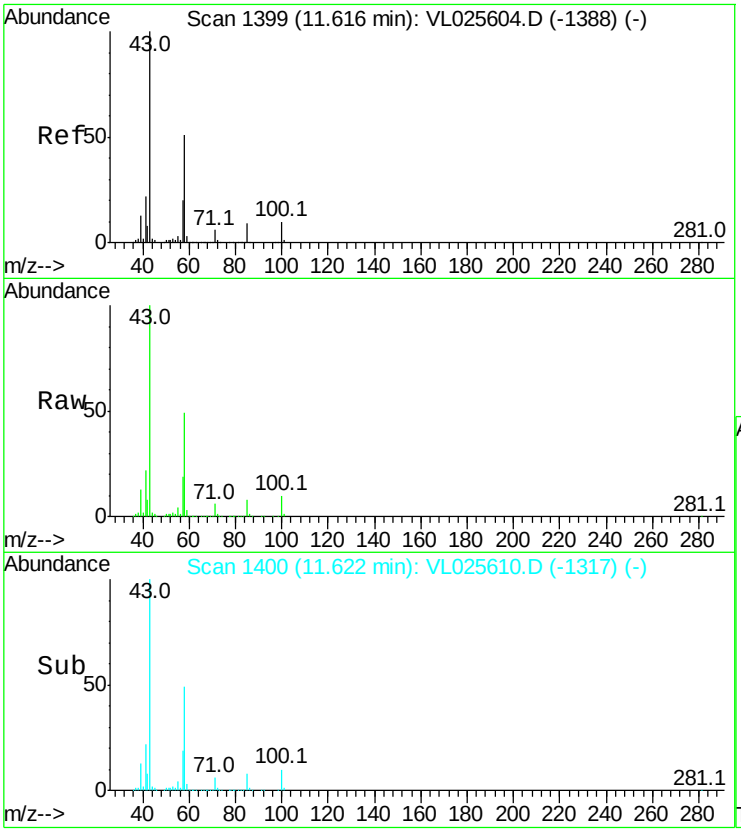


#50
4-Methyl-2-Pentanone
Concen: 15.83 ppbv
RT: 10.09 min Scan# 1149
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 43 Resp: 2325495

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.5	42.7



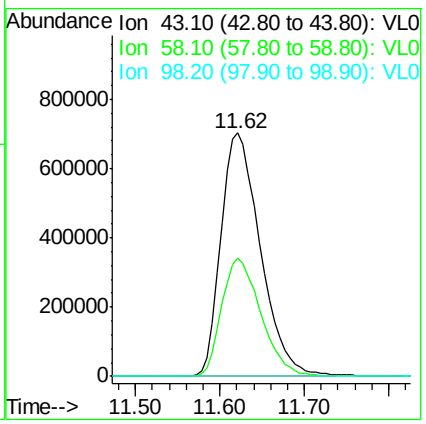


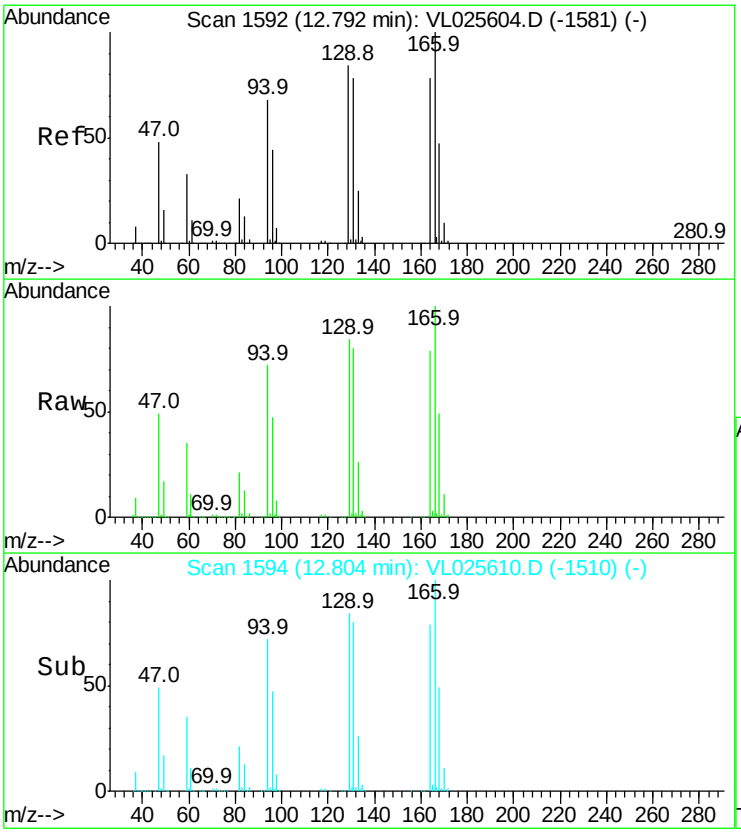
#51
2-Hexanone
Concen: 17.08 ppbv
RT: 11.62 min Scan# 1400
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 2245854

Ion	Ratio	Lower	Upper
43	100		
58	48.4	39.0	58.6
98	0.4	0.2	0.4

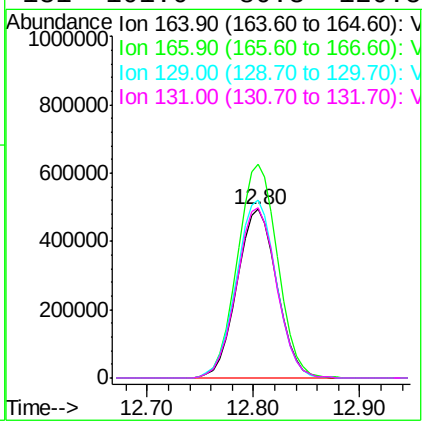


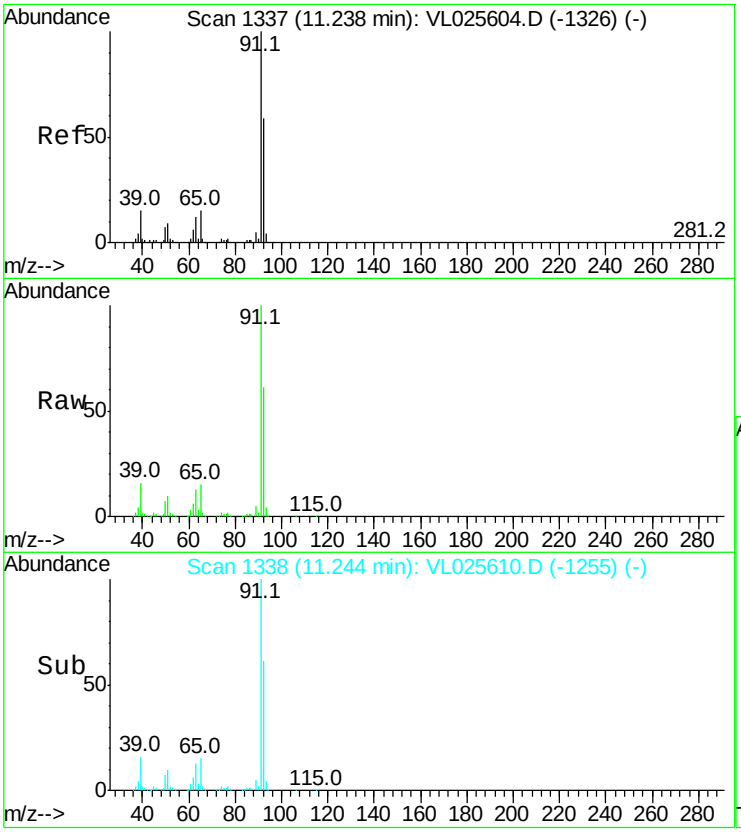


#52
Tetrachloroethene
Concen: 15.80 ppbv
RT: 12.80 min Scan# 1594
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:164 Resp: 1301047

Ion	Ratio	Lower	Upper
164	100		
166	126.5	102.3	153.5
129	105.7	86.2	129.4
131	101.0	80.3	120.5



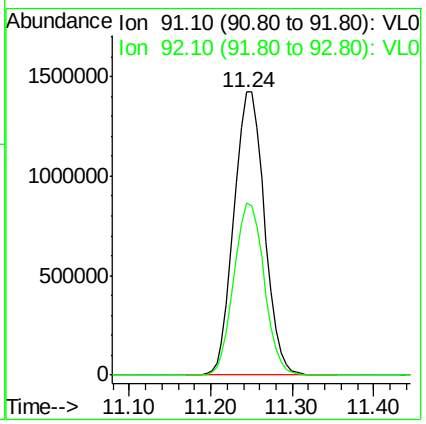


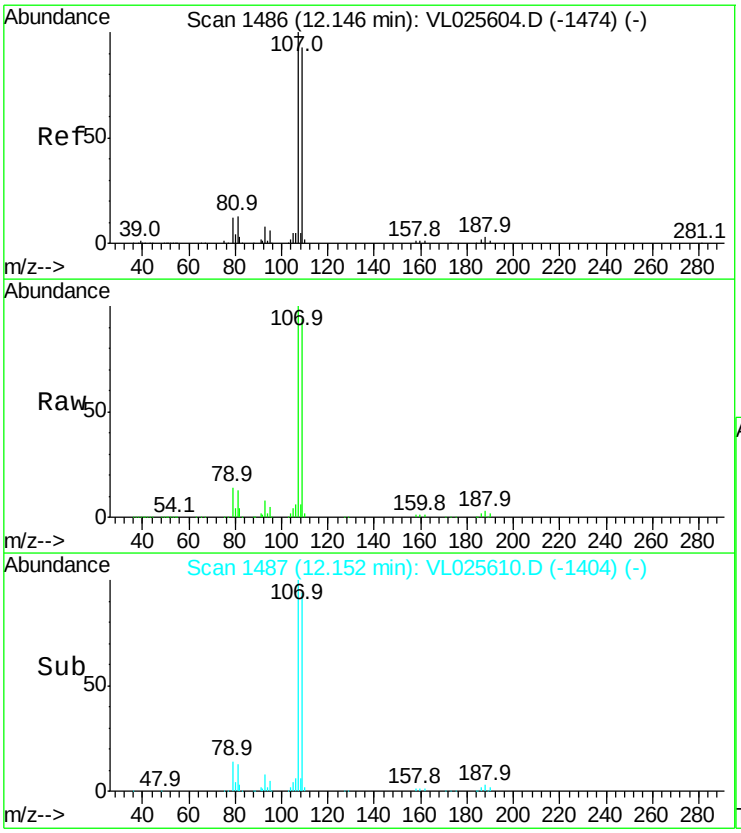
#53
Toluene
Concen: 15.61 ppbv
RT: 11.24 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 3696523

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.2	72.2

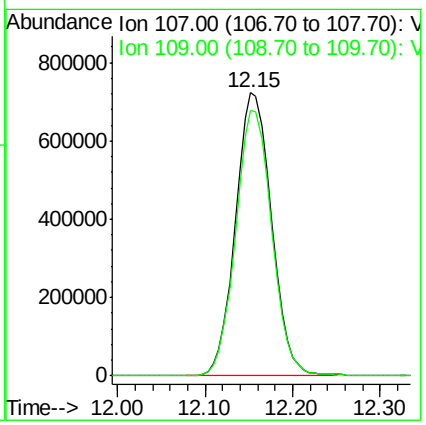


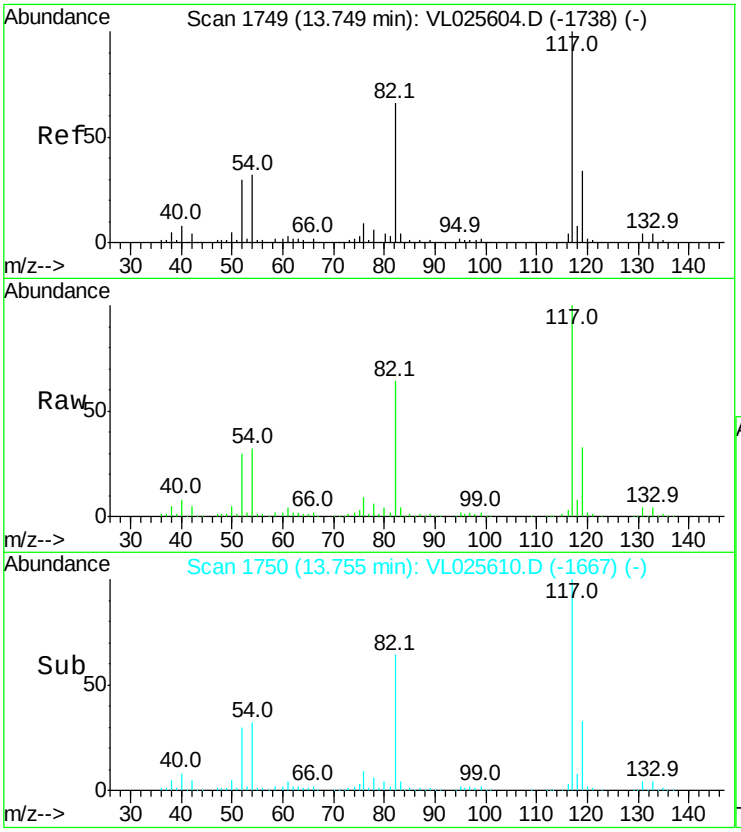


#54
1,2-Dibromoethane
Concen: 16.20 ppbv
RT: 12.15 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:107 Resp: 2072402

Ion	Ratio	Lower	Upper
107	100		
109	93.8	74.1	111.1



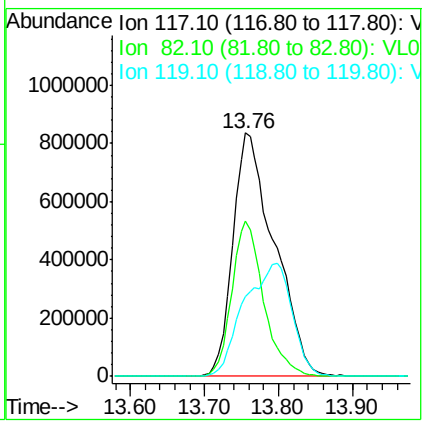


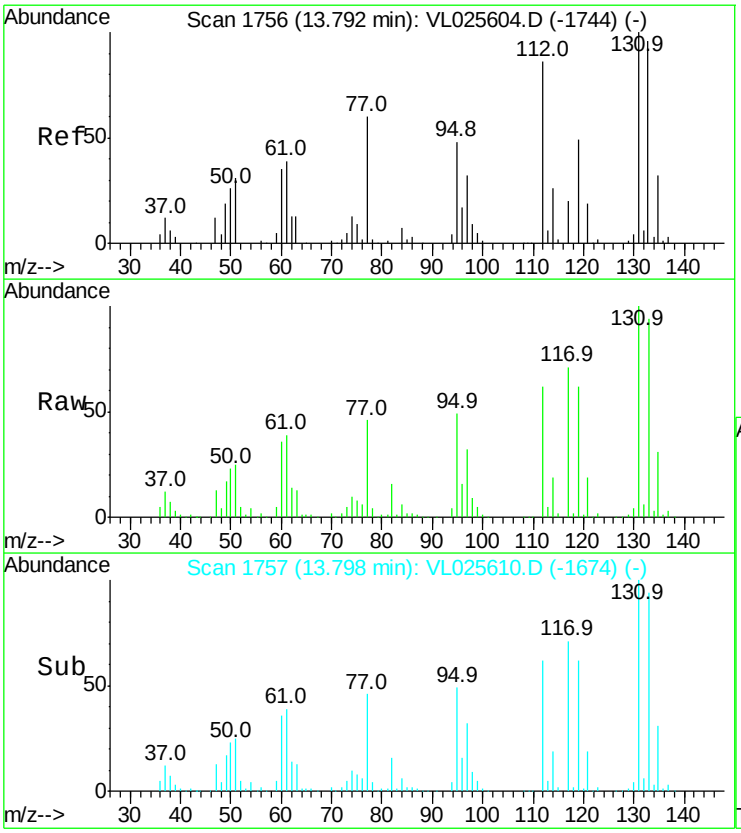
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1750
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:117 Resp: 3261417

Ion	Ratio	Lower	Upper
117	100		
82	49.3	50.5	75.7#
119	53.9	45.1	67.7

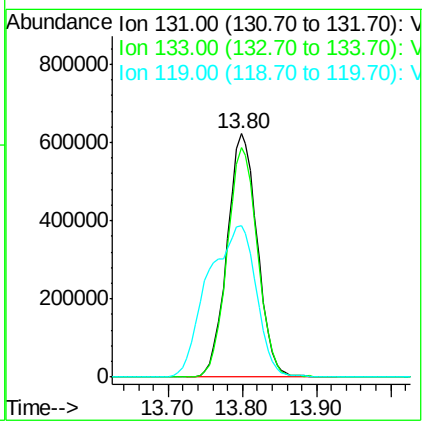


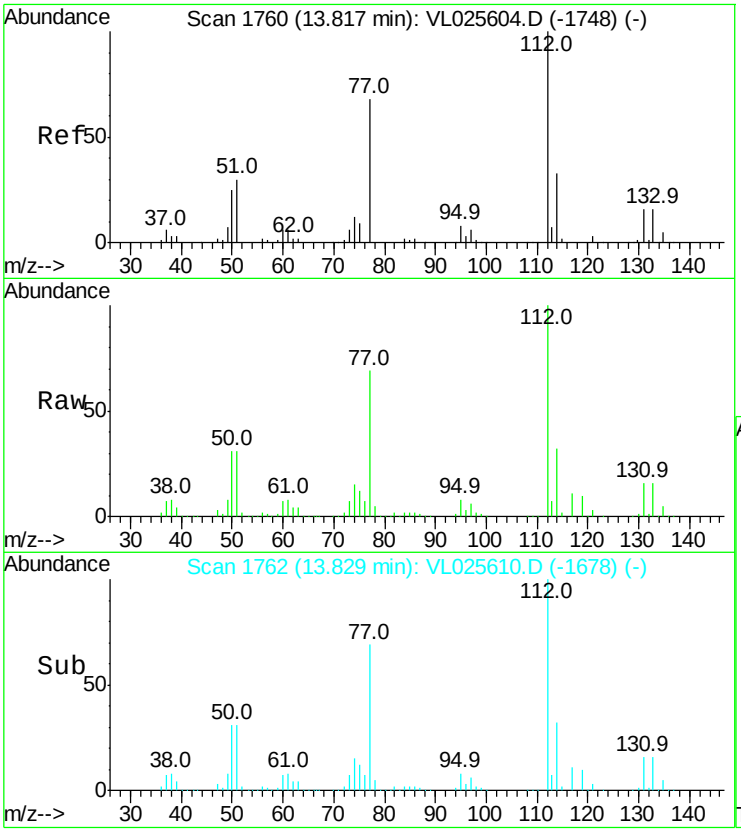


#56
1,1,1,2-Tetrachloroethane
Concen: 11.41 ppbv
RT: 13.80 min Scan# 1757
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:131 Resp: 1767742

Ion	Ratio	Lower	Upper
131	100		
133	95.0	76.9	115.3
119	99.4	97.8	146.8



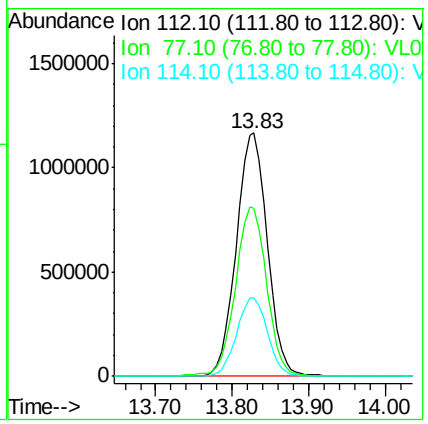


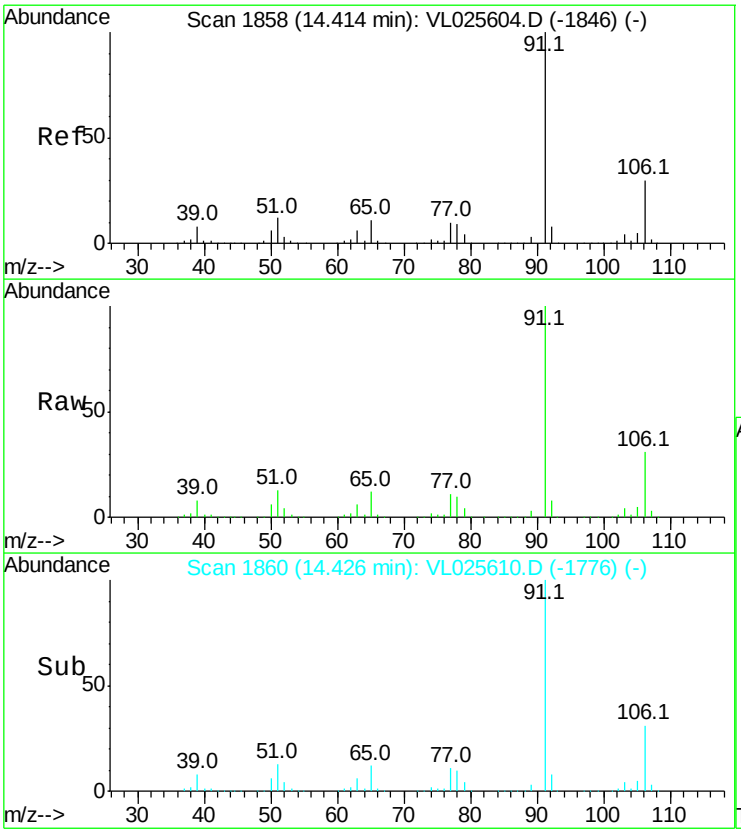
#57
Chlorobenzene
Concen: 10.27 ppbv
RT: 13.83 min Scan# 1762
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:112 Resp: 3281291

Ion	Ratio	Lower	Upper
112	100		
77	68.6	55.2	82.8
114	32.0	29.4	36.0

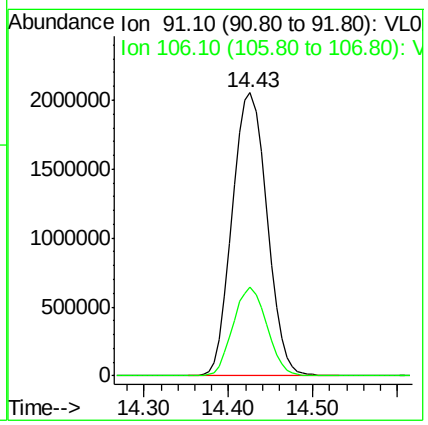


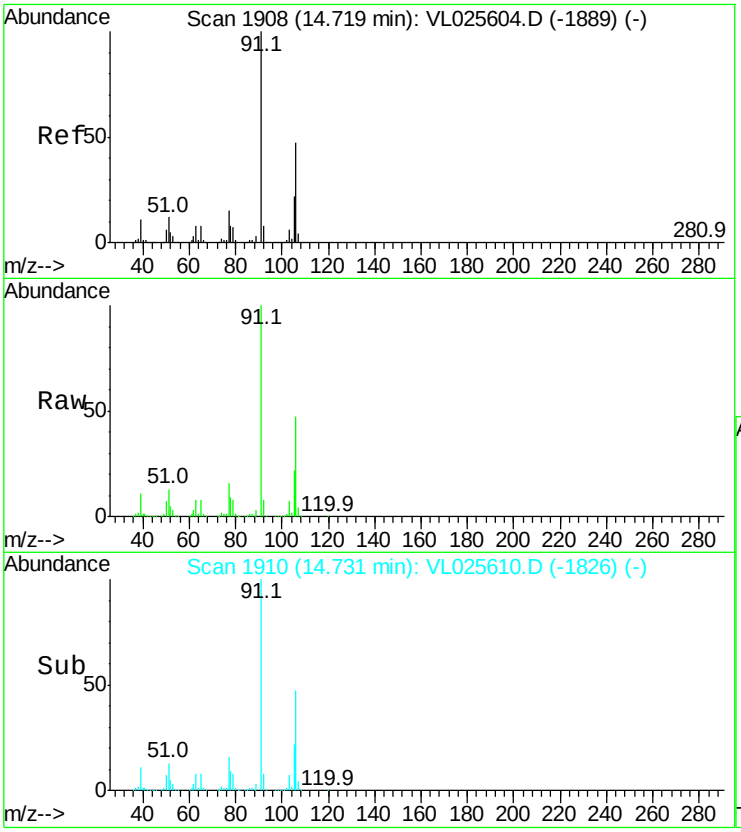


#58
Ethyl Benzene
Concen: 11.13 ppbv
RT: 14.43 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 91 Resp: 5780660

Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.2	36.2



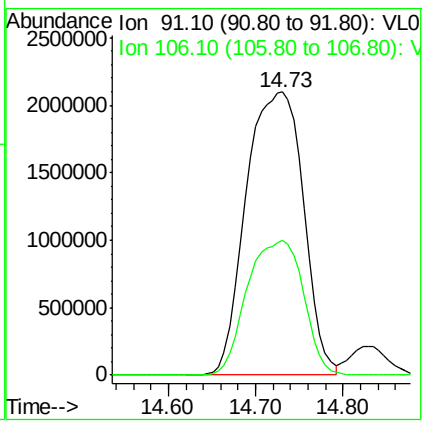


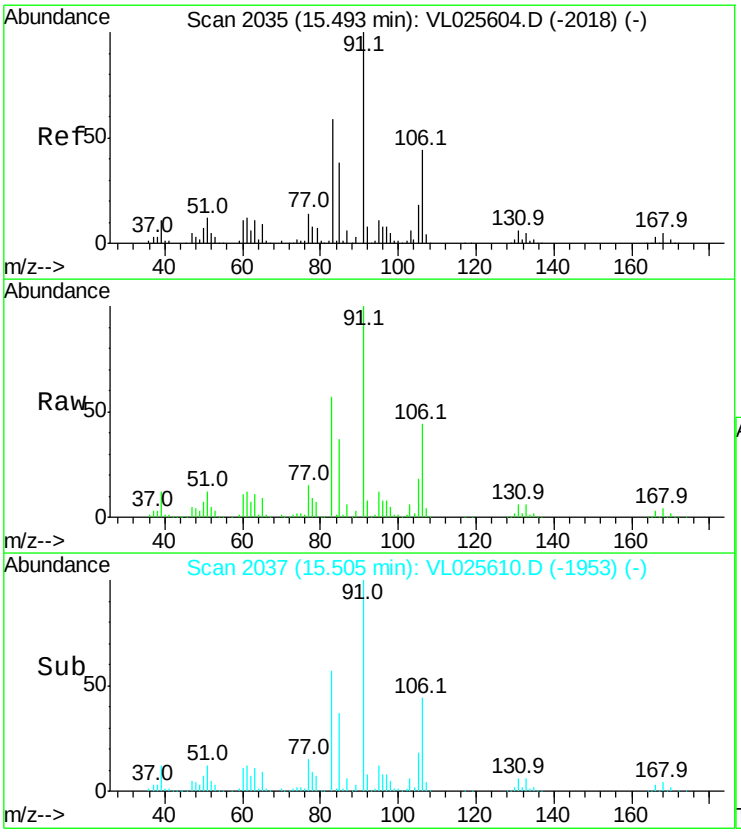
#59
m/p-Xylene
Concen: 21.90 ppbv
RT: 14.73 min Scan# 1910
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 9503758

Ion	Ratio	Lower	Upper
91	100		
106	47.1	37.9	56.9

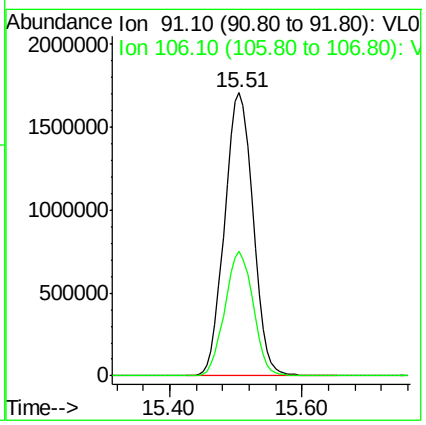


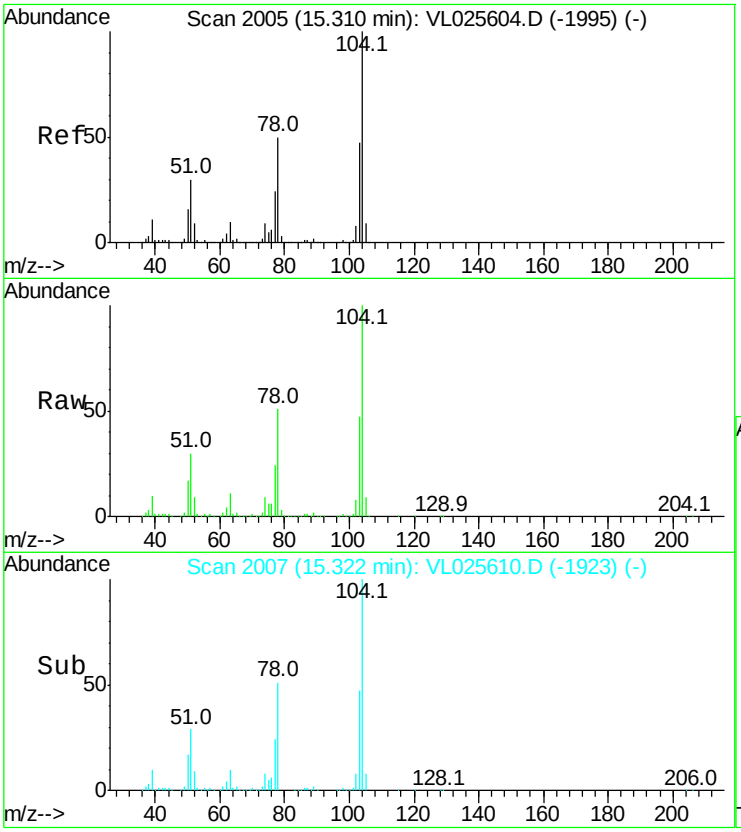


#60
o-Xylene
Concen: 11.05 ppbv
RT: 15.51 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 91 Resp: 5093124

Ion	Ratio	Lower	Upper
91	100		
106	43.9	22.1	66.1



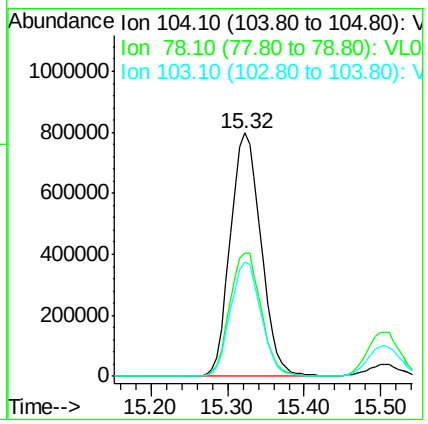


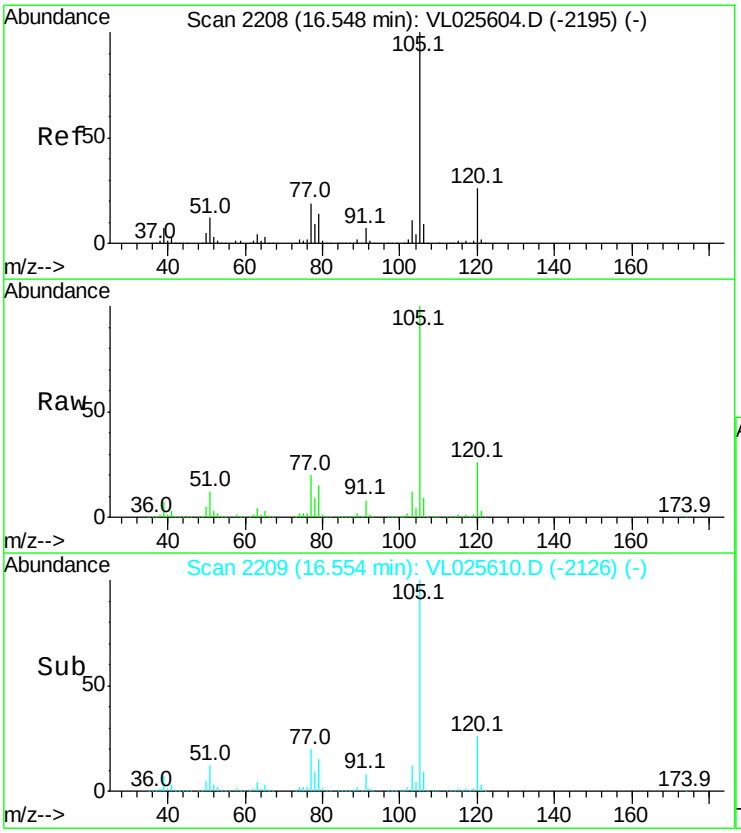
#61
Styrene
Concen: 12.66 ppbv
RT: 15.32 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 2225150

Ion	Ratio	Lower	Upper
104	100		
78	51.7	40.2	60.4
103	47.0	37.4	56.2

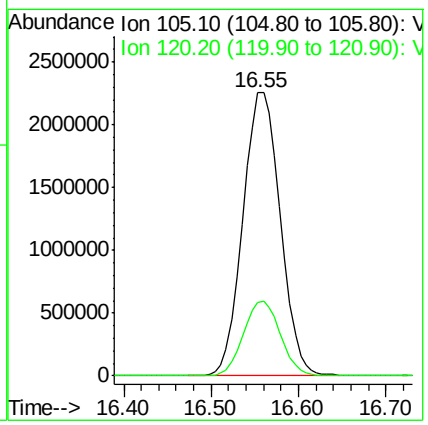


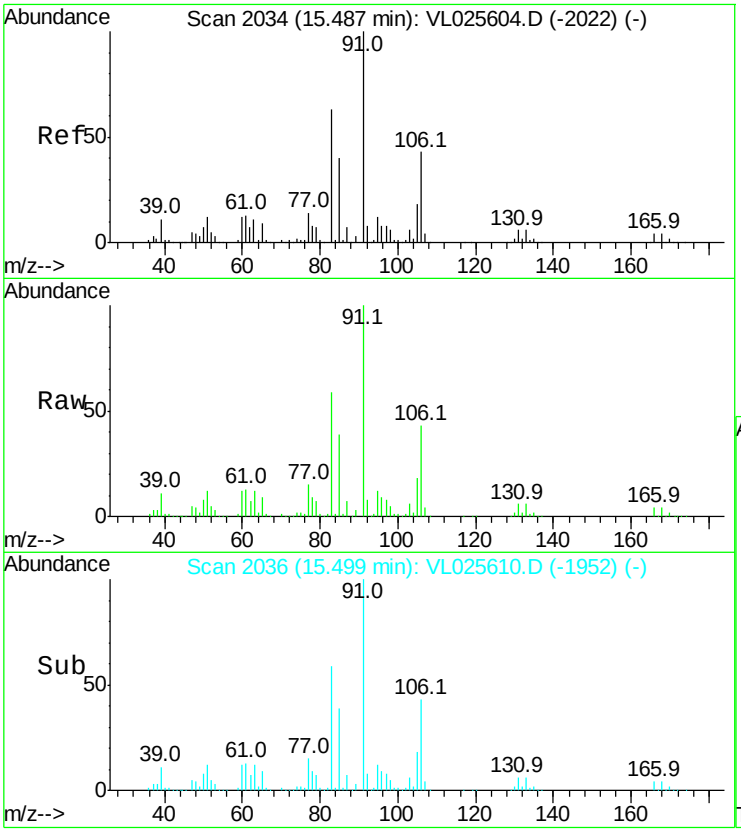


#62
Isopropylbenzene
Concen: 11.05 ppbv
RT: 16.55 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:105 Resp: 6709356

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.6	31.0



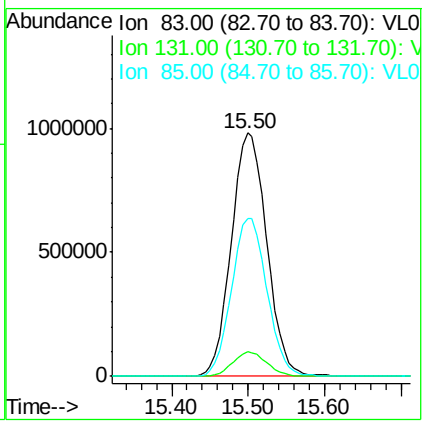


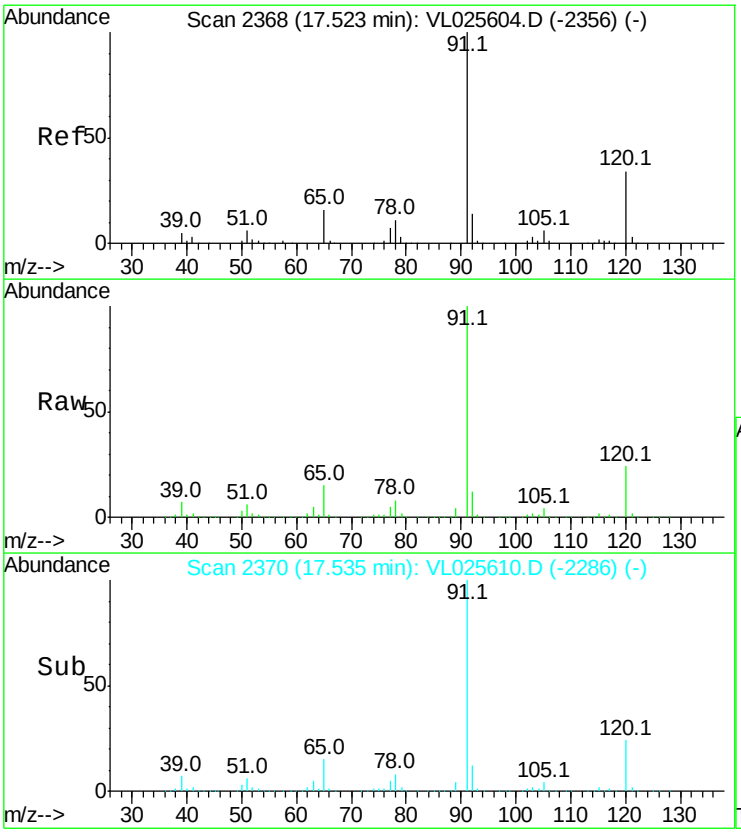
#63
1,1,2,2-Tetrachloroethane
Concen: 9.67 ppbv
RT: 15.50 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 3160820

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.8	14.4
85	65.1	32.4	97.2

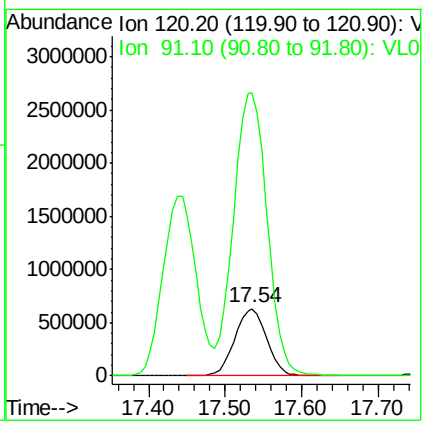


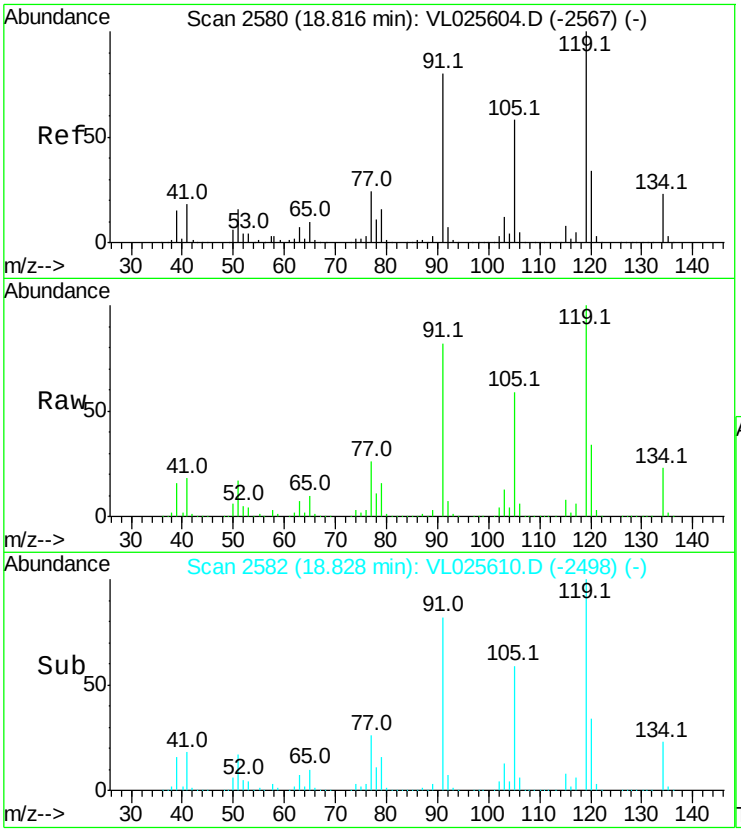


#64
n-propylbenzene
Concen: 11.36 ppbv
RT: 17.54 min Scan# 2370
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:120 Resp: 1827624

Ion	Ratio	Lower	Upper
120	100		
91	443.6	370.5	555.7



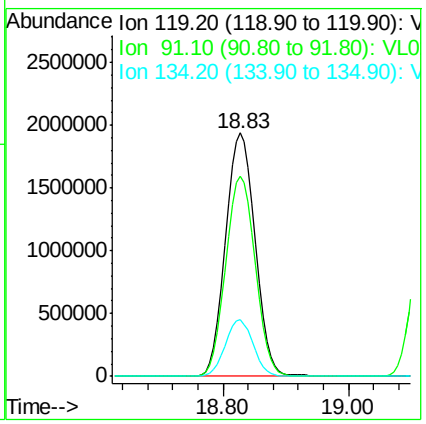


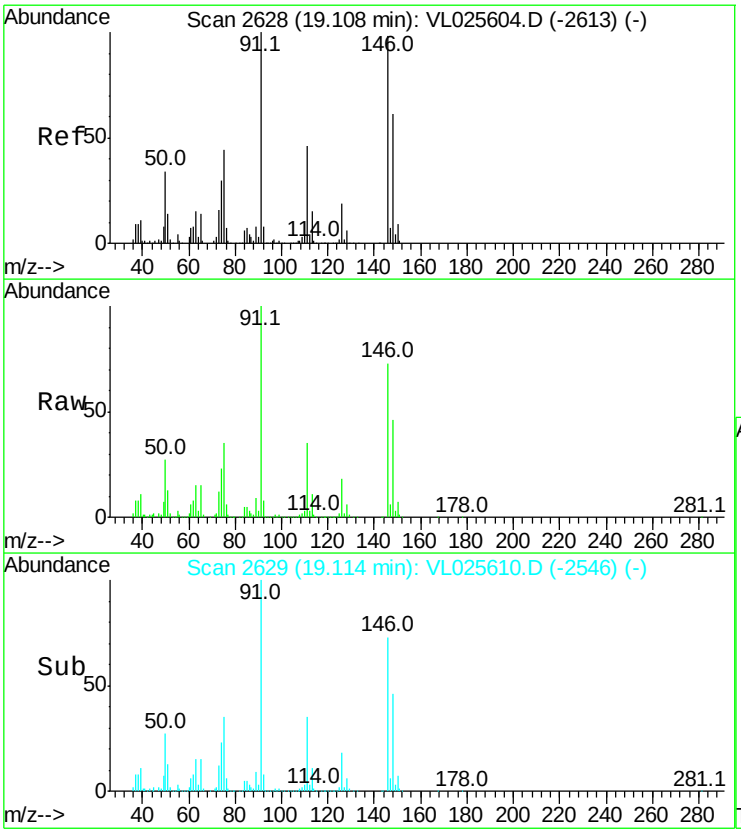
#65
tert-Butylbenzene
Concen: 11.21 ppbv
RT: 18.83 min Scan# 2582
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 6331011

Ion	Ratio	Lower	Upper
119	100		
91	82.1	64.5	96.7
134	22.0	17.4	26.0

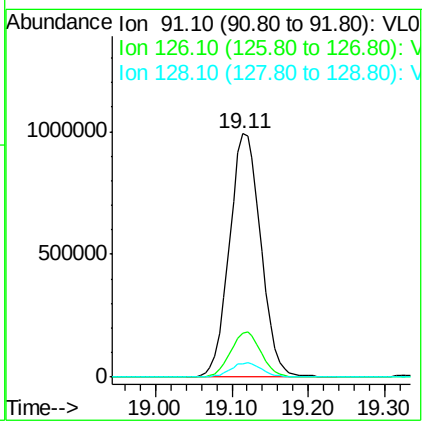


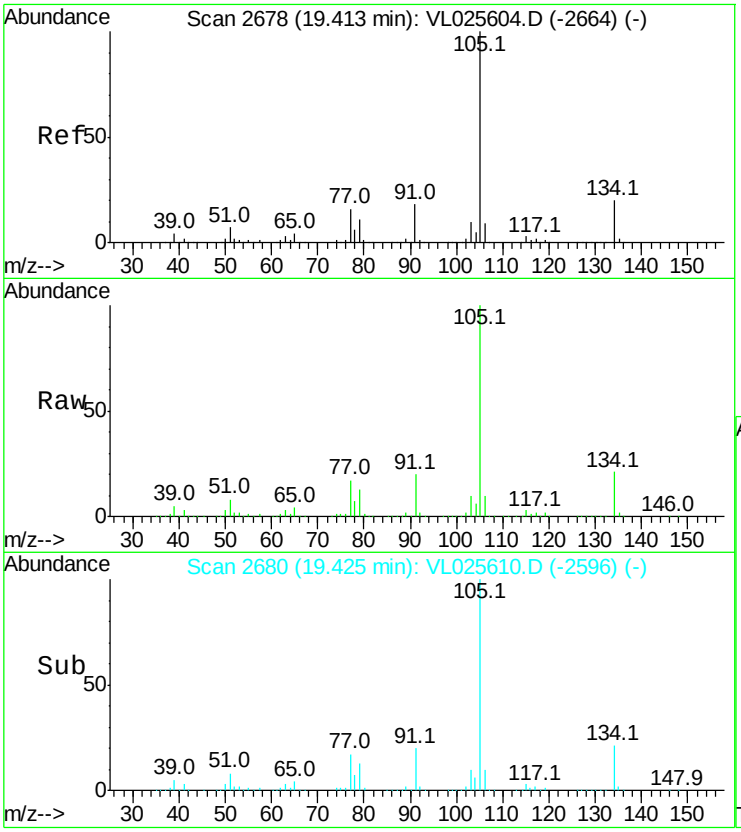


#66
Benzyl Chloride
Concen: 14.57 ppbv
RT: 19.11 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 91 Resp: 2815202

Ion	Ratio	Lower	Upper
91	100		
126	18.3	14.5	21.7
128	5.9	4.6	7.0



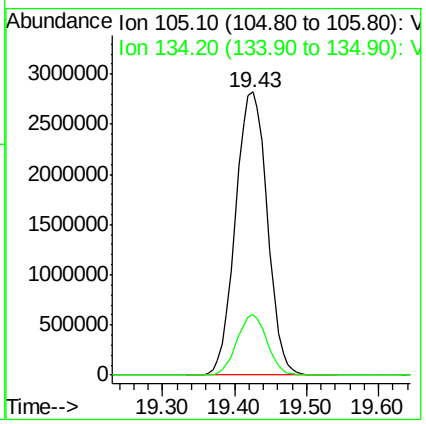


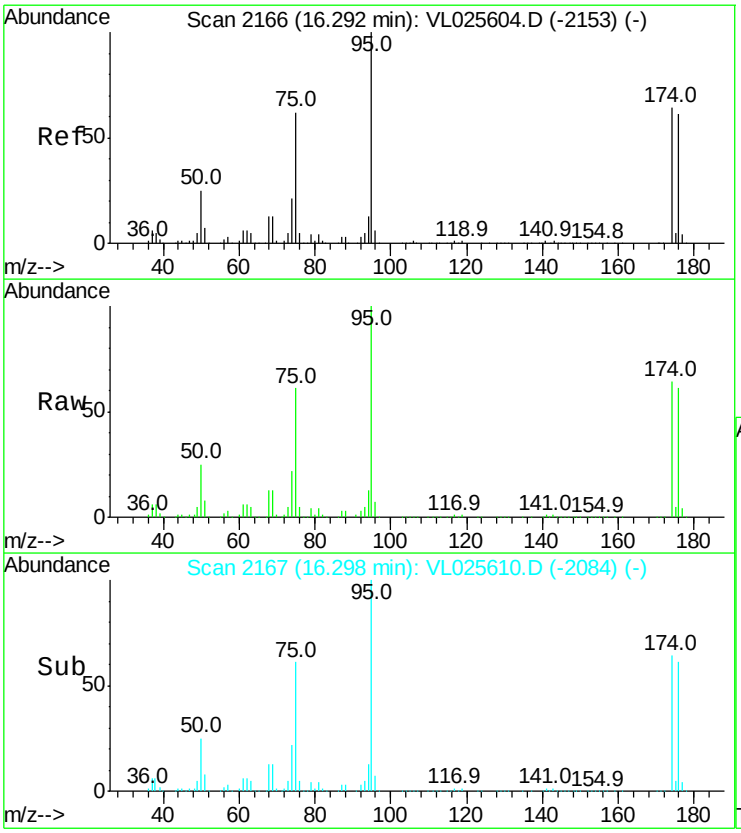
#67
sec-Butylbenzene
Concen: 10.89 ppbv
RT: 19.43 min Scan# 2680
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:105 Resp: 8645652

Ion	Ratio	Lower	Upper
105	100		
134	20.2	15.4	23.2

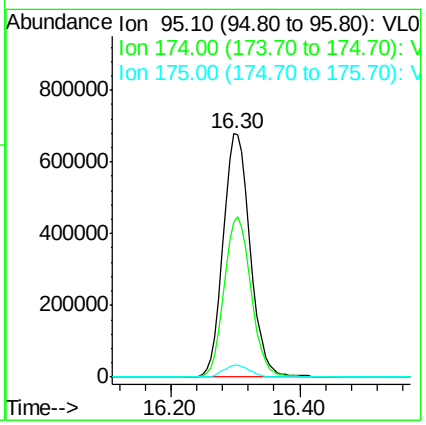


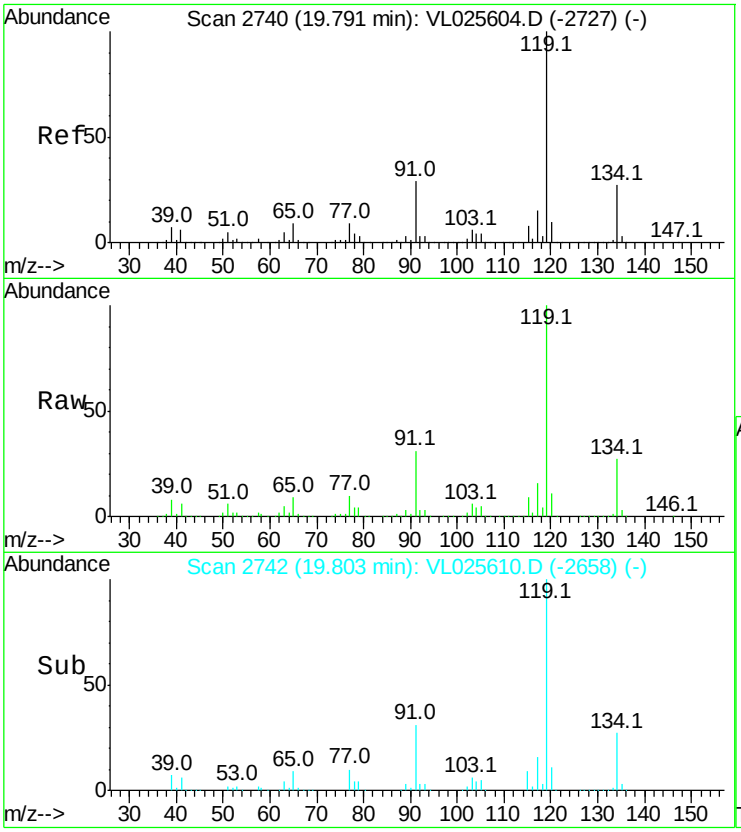


#68
1-Bromo-4-Fluorobenzene
Concen: 7.44 ppbv
RT: 16.30 min Scan# 2167
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 95 Resp: 2005648

Ion	Ratio	Lower	Upper
95	100		
174	65.8	52.0	78.0
175	5.0	3.9	5.9



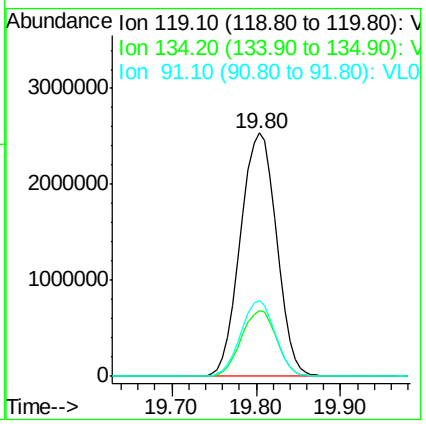


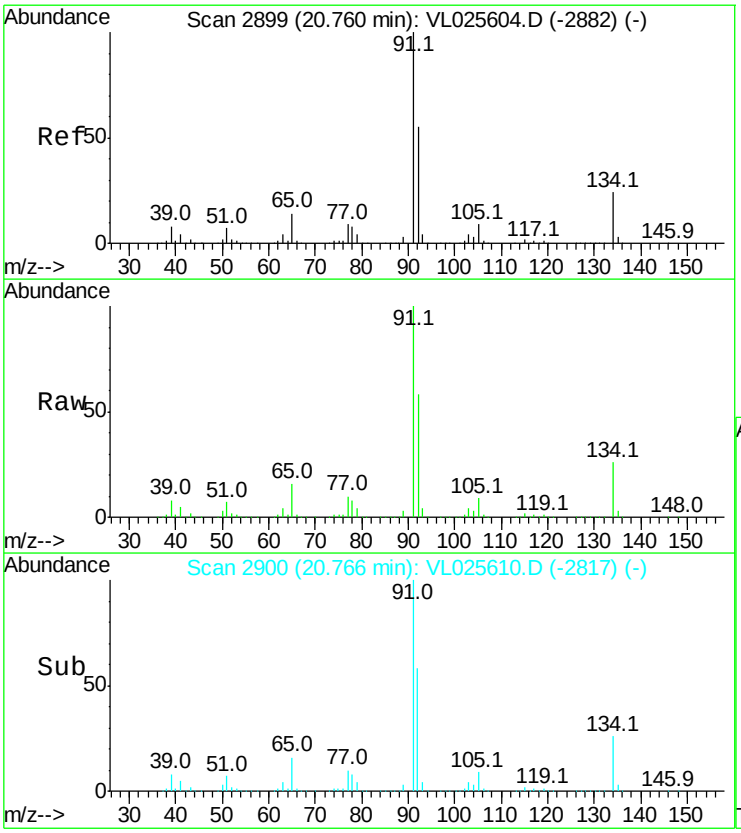
#69
p-Isopropyltoluene
Concen: 11.45 ppbv
RT: 19.80 min Scan# 2742
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 7397326

Ion	Ratio	Lower	Upper
119	100		
134	26.5	20.7	31.1
91	29.6	22.6	34.0

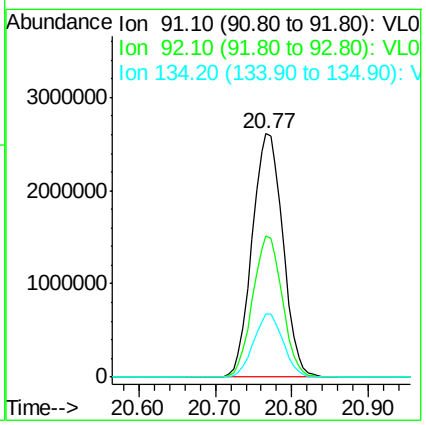


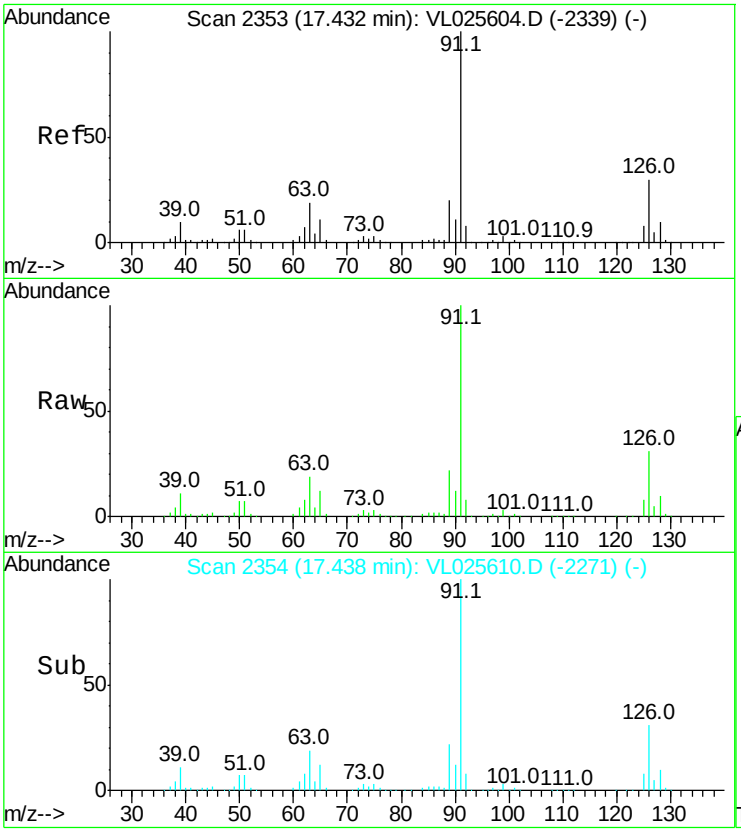


#70
n-Butylbenzene
Concen: 11.61 ppbv
RT: 20.77 min Scan# 2900
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion: 91 Resp: 7300780

Ion	Ratio	Lower	Upper
91	100		
92	56.1	44.3	66.5
134	25.0	19.4	29.2



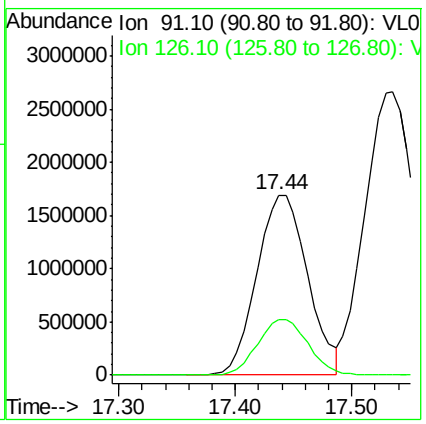


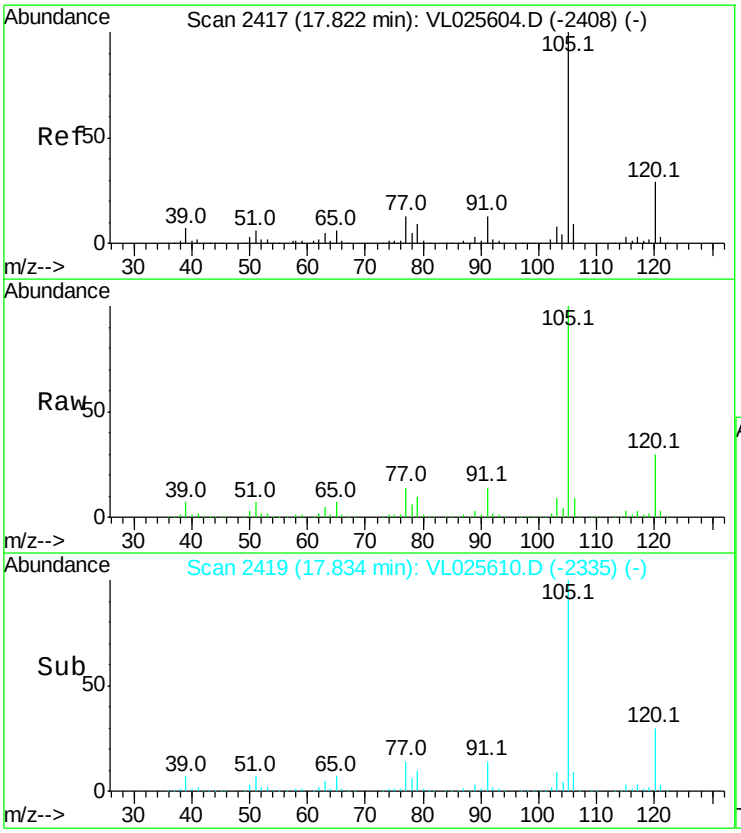
#71
2-Chlorotoluene
Concen: 11.36 ppbv
RT: 17.44 min Scan# 2354
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 5135410

Ion	Ratio	Lower	Upper
91	100		
126	30.9	12.2	49.0

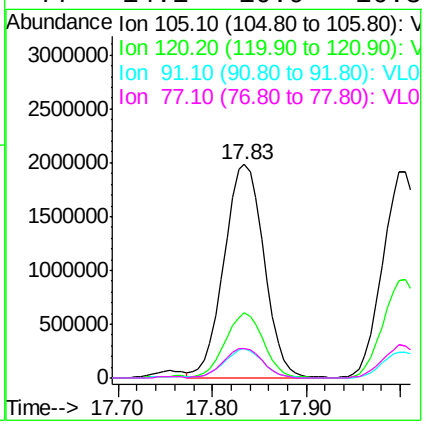


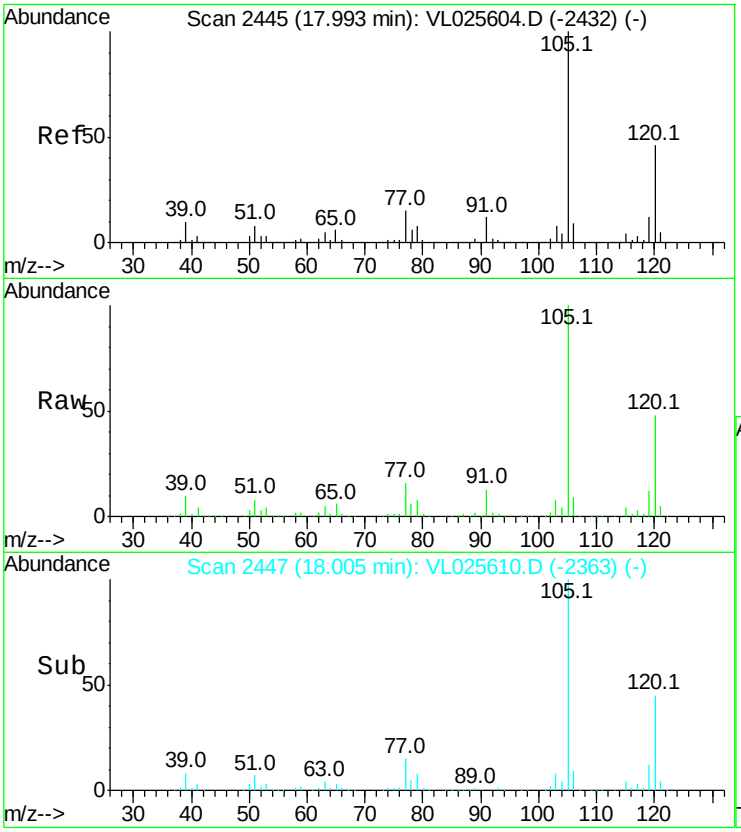


#72
4-Ethyltoluene
Concen: 11.65 ppbv
RT: 17.83 min Scan# 2419
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:105 Resp: 5878379

Ion	Ratio	Lower	Upper
105	100		
120	30.0	23.9	35.9
91	13.7	10.3	15.5
77	14.1	10.9	16.3



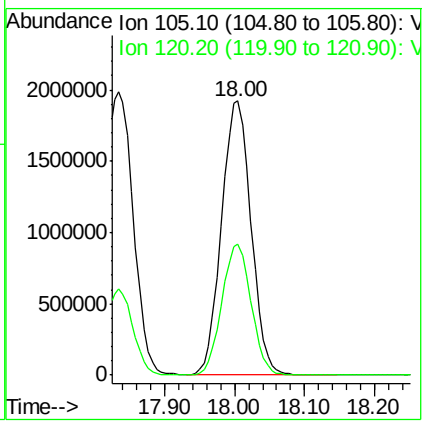


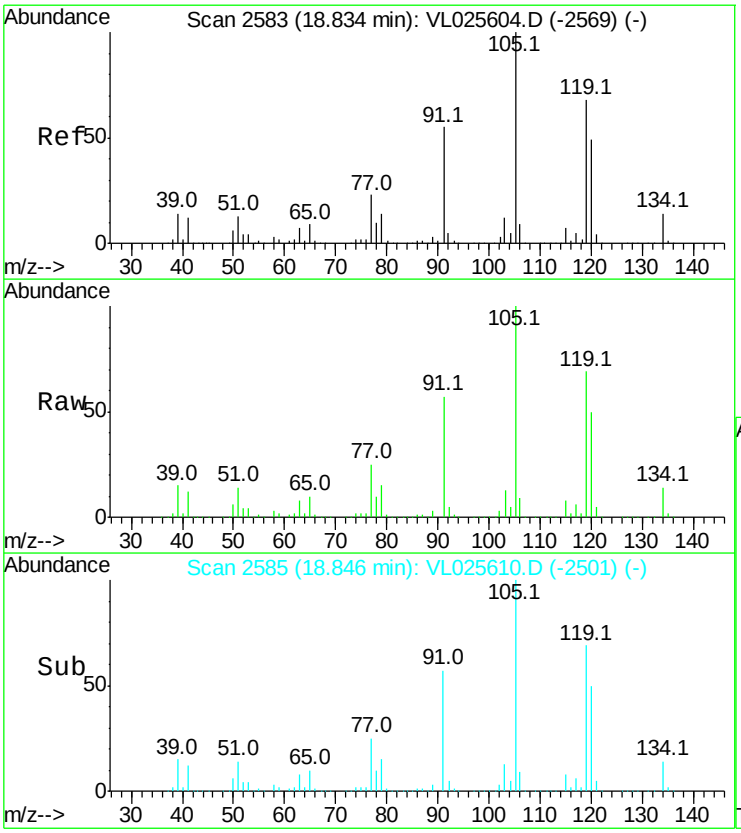
#73
1,3,5-Trimethylbenzene
Concen: 11.60 ppbv
RT: 18.00 min Scan# 2447
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 5634729

Ion	Ratio	Lower	Upper
105	100		
120	47.9	37.0	55.4

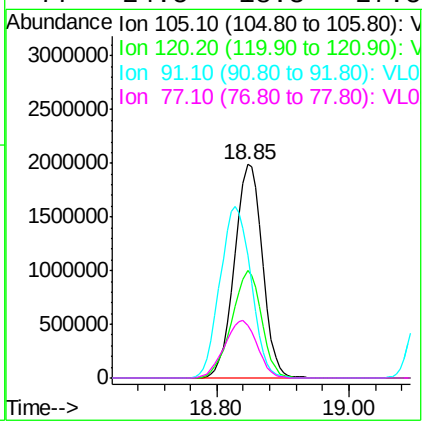


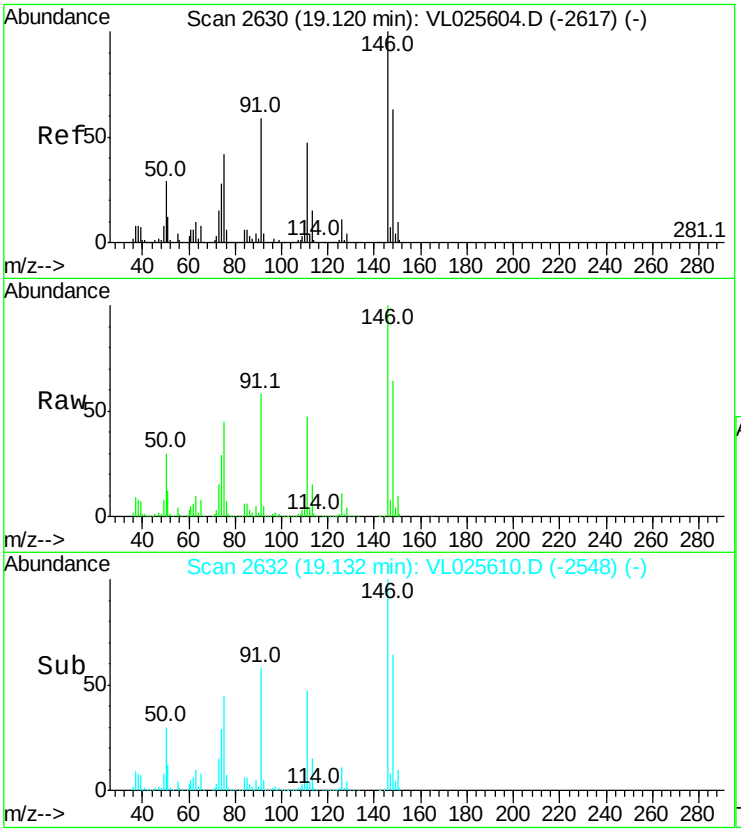


#74
1,2,4-Trimethylbenzene
Concen: 11.19 ppbv
RT: 18.85 min Scan# 2585
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:105 Resp: 5859778

Ion	Ratio	Lower	Upper
105	100		
120	50.1	39.3	58.9
91	57.3	43.8	65.6
77	24.5	18.3	27.5



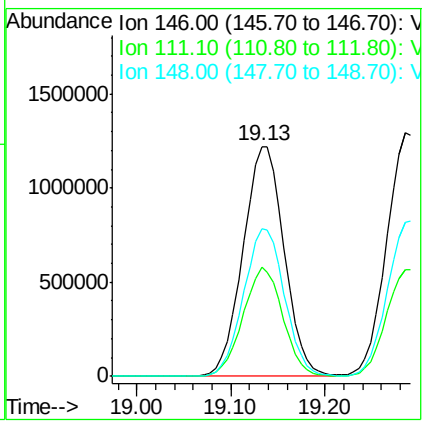


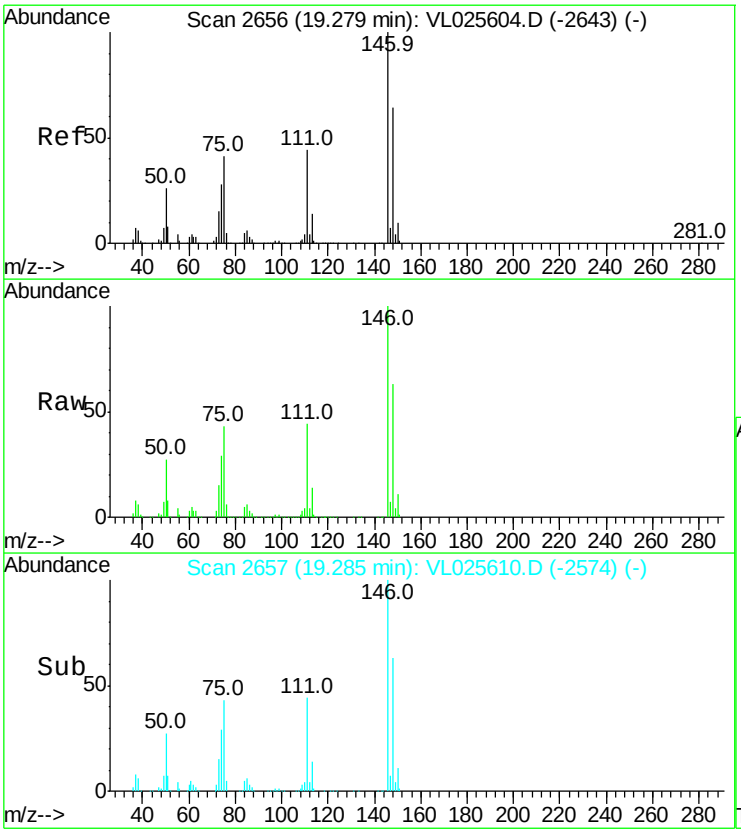
#75
1,3-Dichlorobenzene
Concen: 11.15 ppbv
RT: 19.13 min Scan# 2632
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 3719167

Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.7	68.1
148	64.0	31.8	95.3

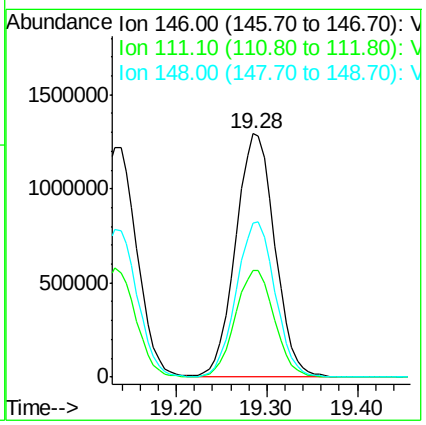


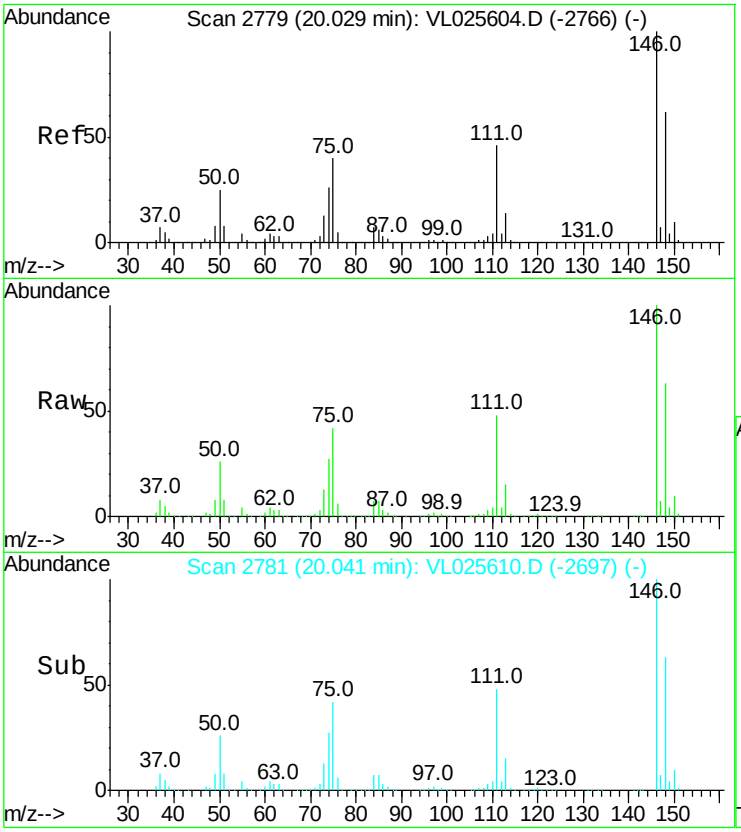


#76
1,4-Dichlorobenzene
Concen: 11.55 ppbv
RT: 19.28 min Scan# 2657
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:146 Resp: 3859092

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.1	66.1
148	63.7	31.9	95.9



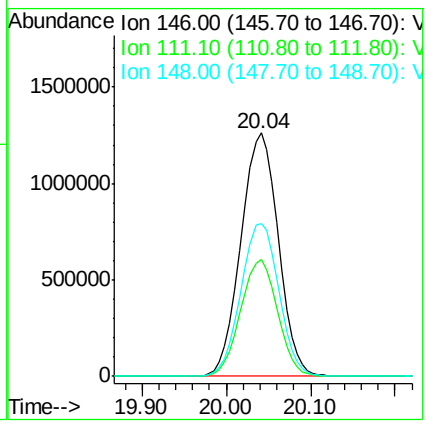


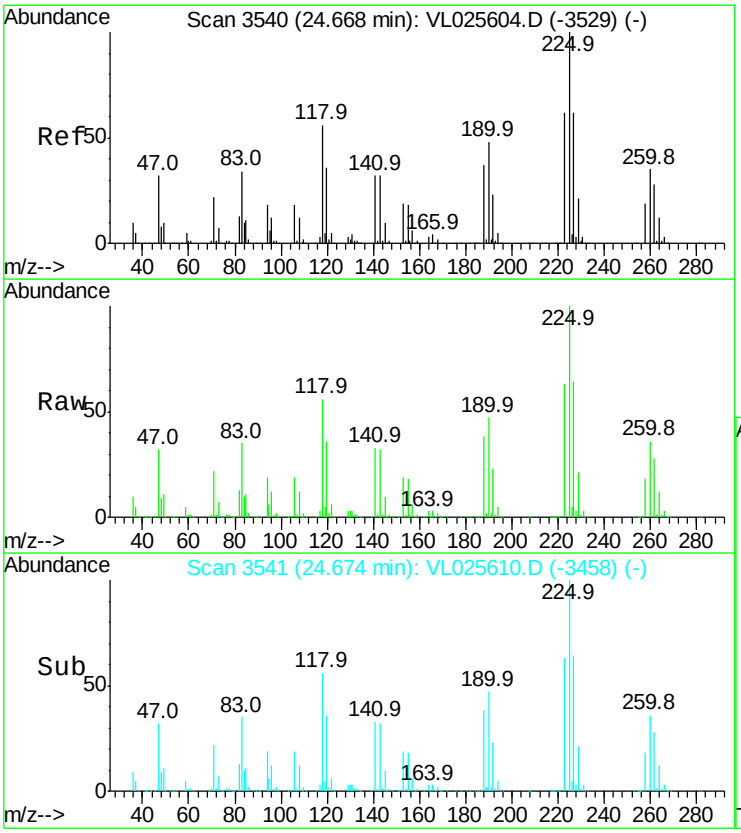
#77
1,2-Dichlorobenzene
Concen: 11.48 ppbv
RT: 20.04 min Scan# 2781
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 3804162

Ion	Ratio	Lower	Upper
146	100		
111	47.5	23.4	70.3
148	64.0	31.6	94.8

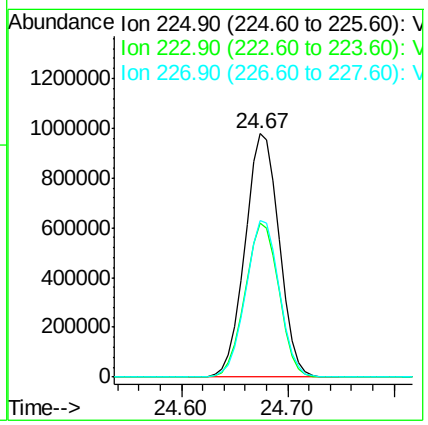


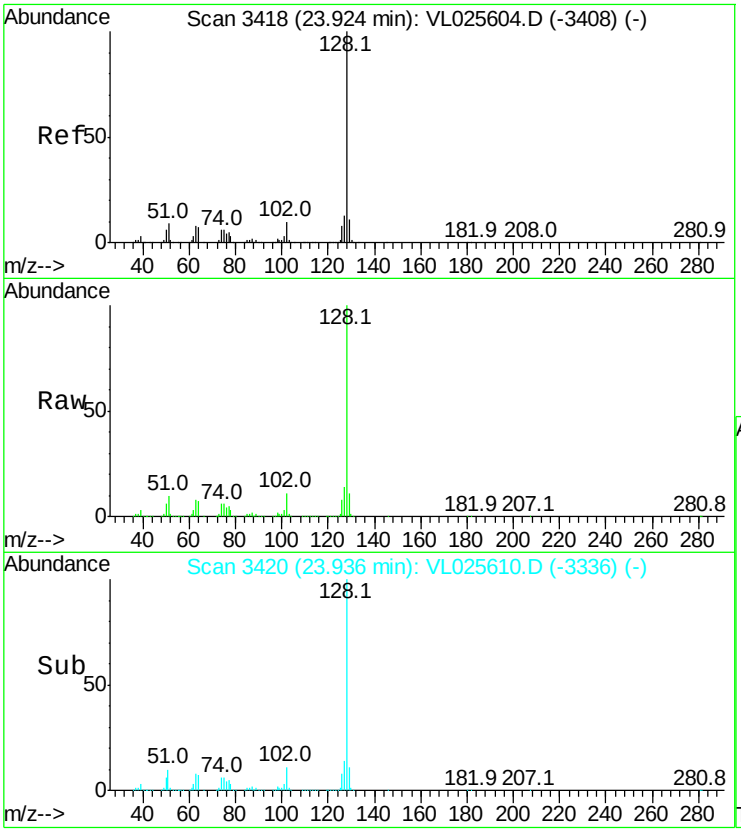


#78
Hexachloro-1,3-Butadiene
Concen: 12.98 ppbv
RT: 24.67 min Scan# 3541
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:225 Resp: 2207047

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.5	50.5	75.7



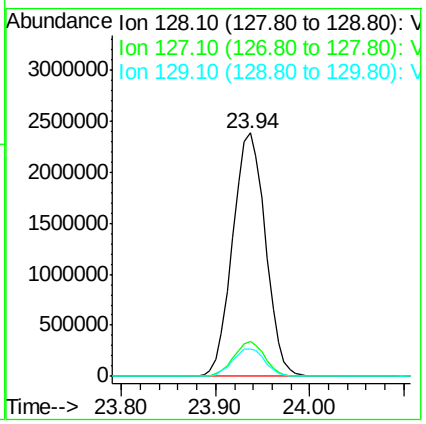


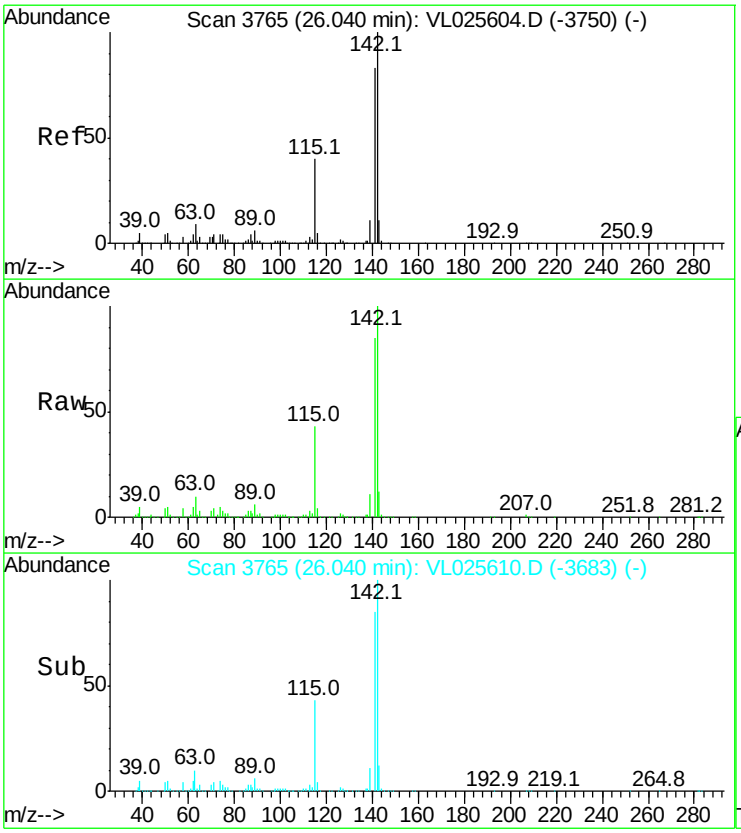
#79
Naphthalene
Concen: 13.47 ppbv
RT: 23.94 min Scan# 3420
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 5776431

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.8	16.2
129	11.4	9.0	13.4

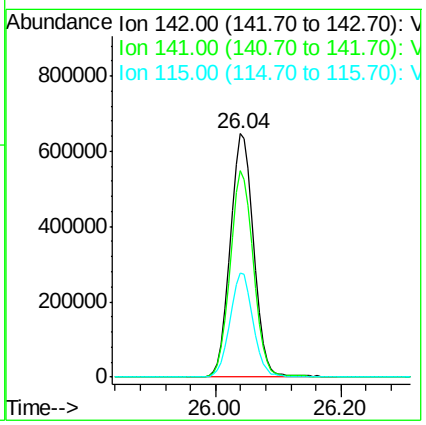


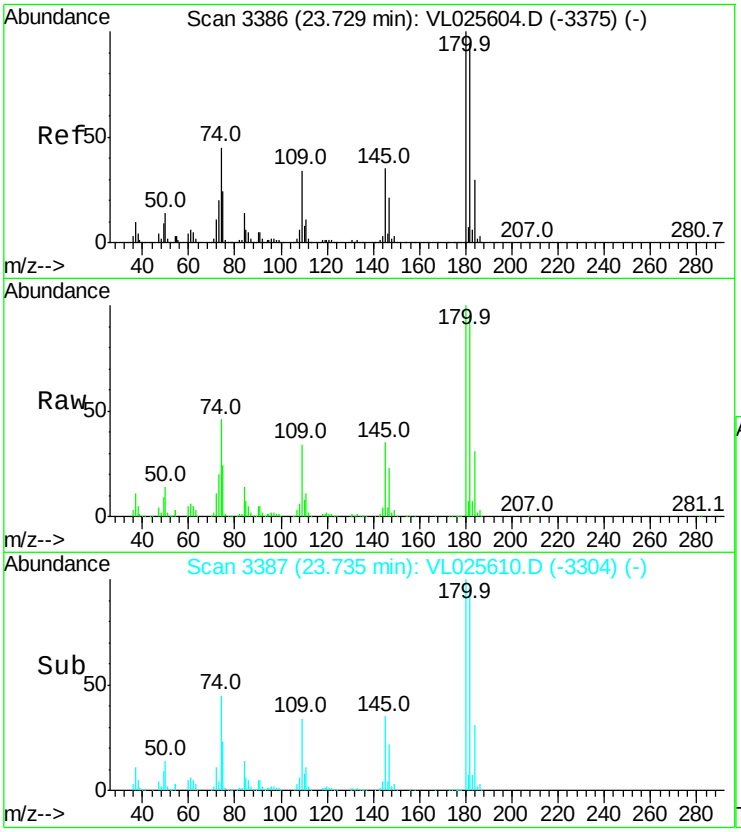


#80
Naphthalene,2-methyl-
Concen: 15.22 ppbv
RT: 26.04 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Tgt Ion:142 Resp: 1674829

Ion	Ratio	Lower	Upper
142	100		
141	84.6	67.1	100.7
115	42.3	33.9	50.9





#81
1,2,4-Trichlorobenzene
Concen: 13.73 ppbv
RT: 23.74 min Scan# 3387
Delta R.T. 0.01 min
Lab File: VL025610.D
Acq: 7 Jul 2015 14:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 2742218

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.1	114.1
184	30.6	24.4	36.6