Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025605.D
Acq On : 7 Jul 2015 11:13
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Jul 07 13:10:02 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	6.65	49	702402	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.32	114	1935652	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.74	117	2530178	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.29	95	2058947	9.85	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.64	85	340960	2.09	ppbv		99
3) Chlorodifluoromethane	3.56	51	218436	2.59	ppbv		97
4) Chloromethane	3.75	50	99920	2.28	ppbv		98
5) Vinyl Chloride	3.89	62	108102	2.21	ppbv		92
6) Bromomethane	4.14	94	84231	2.54	ppbv		97
7) Chloroethane	4.23	64	50010	2.47	ppbv		100
8) Dichlorotetrafluoroethane	3.80	85	344521	2.62	ppbv		99
9) Propene	3.59	41	74073	2.10	ppbv		98
10) Heptane	9.35	43	288987	2.30	ppbv		97
11) Trichlorofluoromethane	4.69	101	499838	2.91	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	5.30	101	284524	2.74	ppbv		98
13) Ethanol	4.32	45	13597	2.14	ppbv		96
14) Bromoethene	4.45	108	96075	2.60	ppbv		99
15) Acetone	4.60	43	271498	2.62	ppbv		93
16) 1,3-Butadiene	3.96	39	110223	2.42	ppbv		98
17) tert-Butyl alcohol	5.12	59	225484	2.55	ppbv		97
18) 1,1-Dichloroethene	5.08	96	111286	2.60	ppbv		92
19) Isopropyl Alcohol	4.75	45	113924	2.42	ppbv	#	99
20) Methylene Chloride	5.14	84	105526	2.35	ppbv		89
21) Allyl Chloride	5.22	41	164952	2.44	ppbv		97
22) trans-1,2-Dichloroethene	5.76	96	114786	2.30	ppbv		94
23) Vinyl Acetate	5.98	43	419820	2.31	ppbv		98
24) 1,1-Dichloroethane	5.90	63	273542	2.32	ppbv		99
25) Ethyl Acetate	6.67	43	411495	2.21	ppbv		98
26) Hexane	6.65	57	200222	2.28	ppbv		98
27) Carbon Disulfide	5.39	76	307982	2.54	ppbv		96
28) Methyl tert-Butyl Ether	5.95	73	388408	2.38	ppbv		100
29) Chloroform	6.74	83	371834	2.55	ppbv		98
30) Cyclohexane	8.27	84	187731	2.35	ppbv		88
31) cis-1,2-Dichloroethene	6.51	61	195184	2.32	ppbv		97
32) 1,1,1-Trichloroethane	7.59	97	413697	2.52	ppbv		99
34) 2-Butanone	6.20	43	240877	2.09	ppbv		100
35) Carbon Tetrachloride	8.15	117	439208	2.51	ppbv		99
36) Benzene	8.01	78	409787	2.14	ppbv		98
37) 1,2-Dichloroethane	7.37	62	339214	2.55	ppbv		99
38) Trichloroethene	9.06	130	199815	2.42	ppbv		92
39) 1,2-Dichloropropane	8.82	63	153388	2.16	ppbv		96
40) 1,4-Dioxane	9.13	88	11186	0.71	ppbv	#	1
41) Tetrahydrofuran	7.12	42	126682	2.05	ppbv		96
42) Bromodichloromethane	9.02	83	410017	2.46	ppbv		100
43) Methyl Methacrylate	9.26	69	159166	2.24	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025605.D
Acq On : 7 Jul 2015 11:13
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Jul 07 13:10:02 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	9.08	57	735093	2.23	ppbv		100
45) t-1,3-Dichloropropene	10.65	75	263355	2.37	ppbv		99
46) cis-1,3-Dichloropropene	10.01	75	294076	2.28	ppbv		99
47) 1,1,2-Trichloroethane	10.87	97	210907	2.37	ppbv		96
48) Dibromochloromethane	11.79	129	372564	2.61	ppbv		100
49) Bromoform	14.80	173	302073	2.64	ppbv		100
50) 4-Methyl-2-Pentanone	10.09	43	356358	2.28	ppbv		100
51) 2-Hexanone	11.62	43	327367	2.34	ppbv	#	98
52) Tetrachloroethene	12.79	164	216574	2.47	ppbv		95
53) Toluene	11.23	91	602471	2.39	ppbv		99
54) 1,2-Dibromoethane	12.13	107	340426	2.50	ppbv		99
56) 1,1,1,2-Tetrachloroethane	13.79	131	292021	2.43	ppbv	#	1
57) Chlorobenzene	13.80	112	582106	2.35	ppbv		95
58) Ethyl Benzene	14.40	91	956518	2.37	ppbv		98
59) m/p-Xylene	14.71	91	800531	2.38	ppbv	#	27
60) o-Xylene	15.49	91	877604	2.45	ppbv		99
61) Styrene	15.31	104	324882	2.38	ppbv		100
62) Isopropylbenzene	16.54	105	1158047	2.46	ppbv		99
63) 1,1,2,2-Tetrachloroethane	15.47	83	575428	2.27	ppbv		100
64) n-propylbenzene	17.51	120	318607	2.55	ppbv		100
65) tert-Butylbenzene	18.81	119	1166634	2.66	ppbv		99
66) Benzyl Chloride	19.10	91	403986	2.69	ppbv		100
67) sec-Butylbenzene	19.41	105	1638356	2.66	ppbv		100
69) p-Isopropyltoluene	19.78	119	1378726	2.75	ppbv		100
70) n-Butylbenzene	20.75	91	1418699	2.91	ppbv		98
71) 2-Chlorotoluene	17.42	91	889001	2.53	ppbv		99
72) 4-Ethyltoluene	17.82	105	1009618	2.58	ppbv		99
73) 1,3,5-Trimethylbenzene	17.98	105	983196	2.61	ppbv		99
74) 1,2,4-Trimethylbenzene	18.83	105	1099162	2.71	ppbv		92
75) 1,3-Dichlorobenzene	19.11	146	696614	2.69	ppbv		100
76) 1,4-Dichlorobenzene	19.27	146	704002	2.72	ppbv		99
77) 1,2-Dichlorobenzene	20.02	146	698108	2.72	ppbv		100
78) Hexachloro-1,3-Butadiene	24.67	225	443662	3.36	ppbv		100
79) Naphthalene	23.92	128	1128487	3.39	ppbv		99
80) Naphthalene,2-methyl-	26.03	142	320241	3.75	ppbv		99
81) 1,2,4-Trichlorobenzene	23.73	180	533805	3.45	ppbv		99

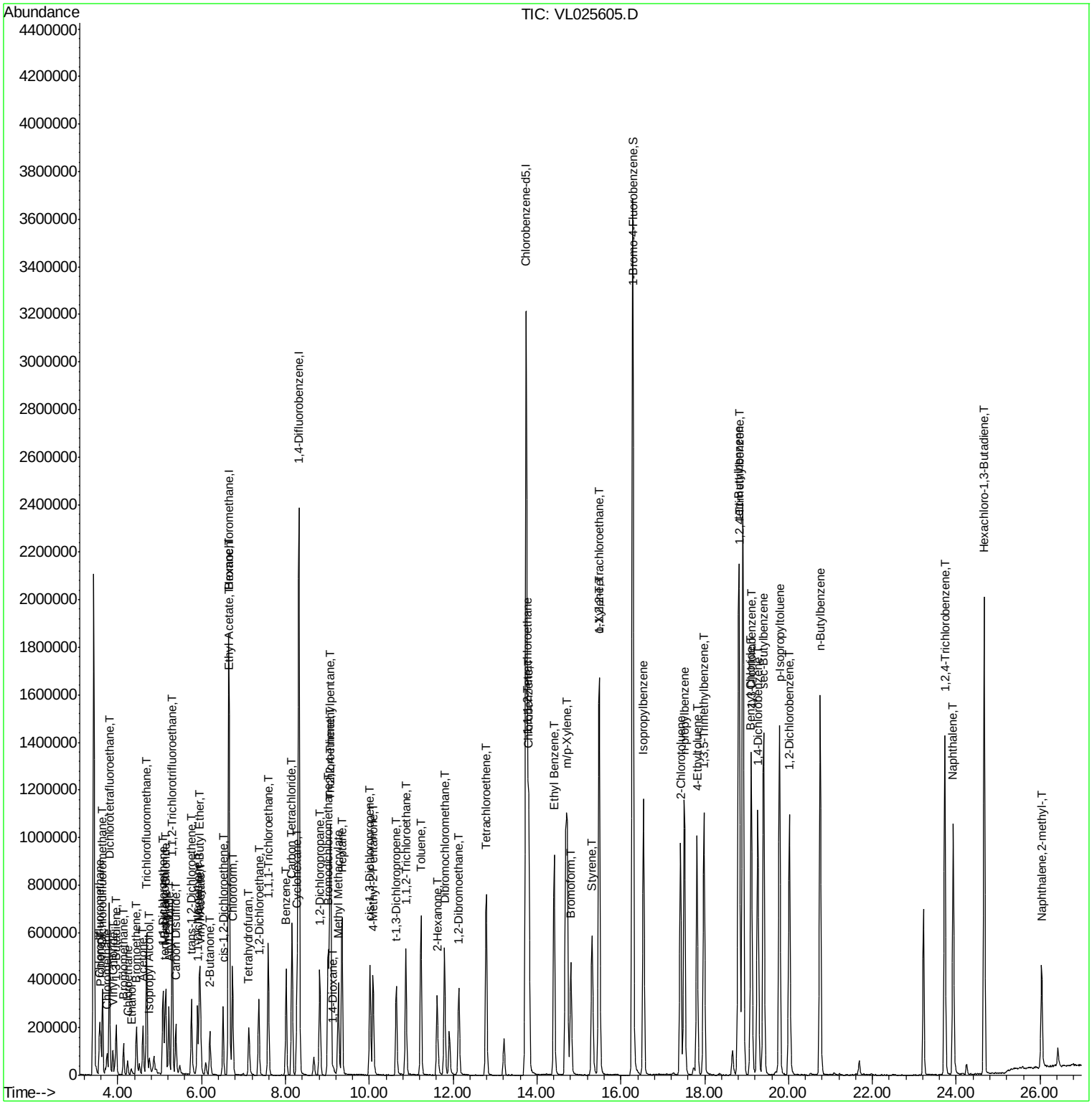
(#) = qualifier out of range (m) = manual integration (+) = signals summed

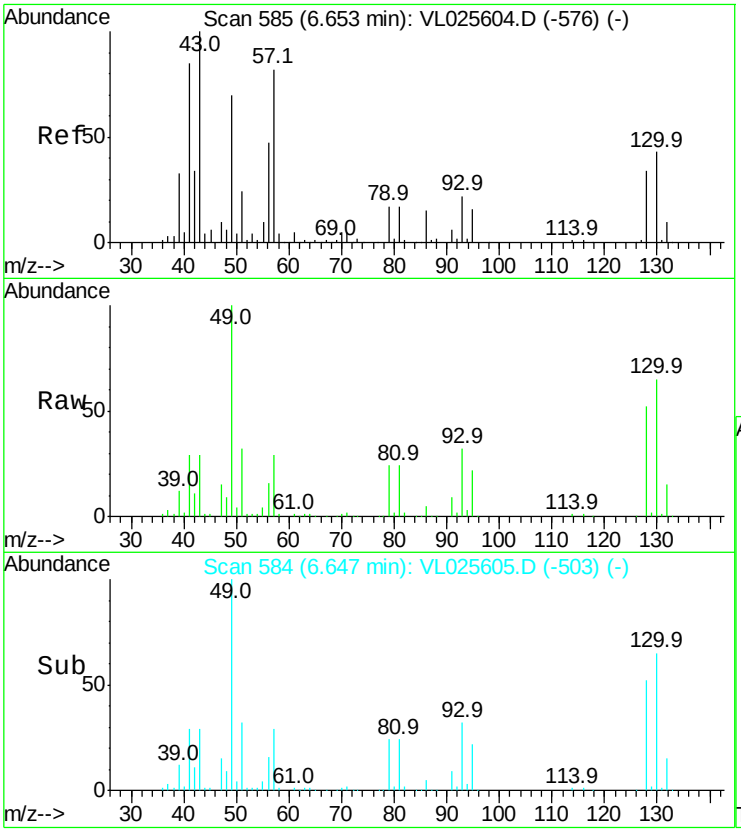
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025605.D
Acq On : 7 Jul 2015 11:13
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Jul 07 13:10:02 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



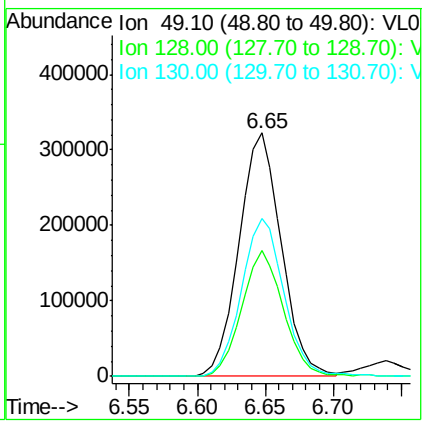


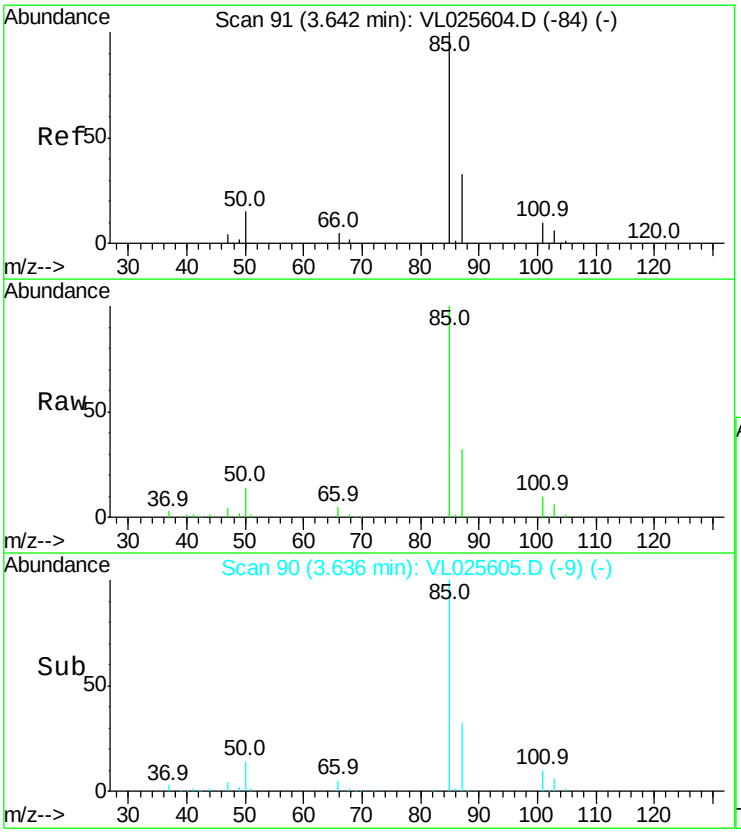
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.65 min Scan# 584
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 702402

Ion	Ratio	Lower	Upper
49	100		
128	51.8	25.4	76.0
130	66.0	31.9	95.9

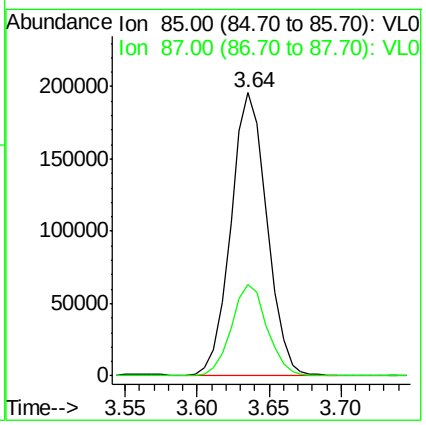


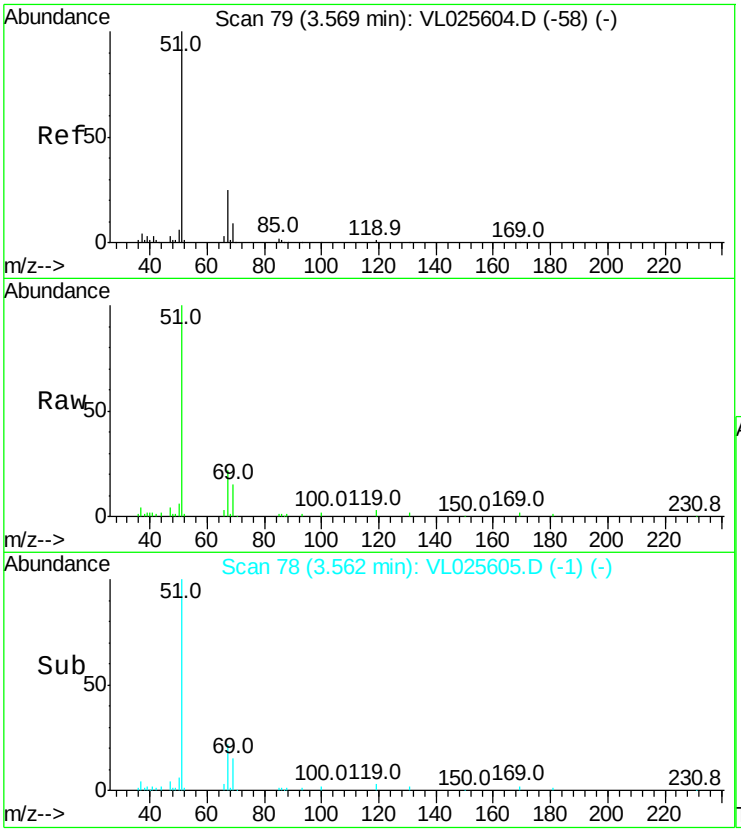


#2
Dichlorodifluoromethane
Concen: 2.09 ppbv
RT: 3.64 min Scan# 90
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 85 Resp: 340960

Ion	Ratio	Lower	Upper
85	100		
87	32.3	26.5	39.7



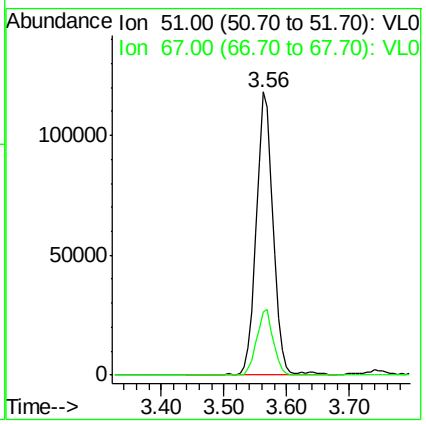


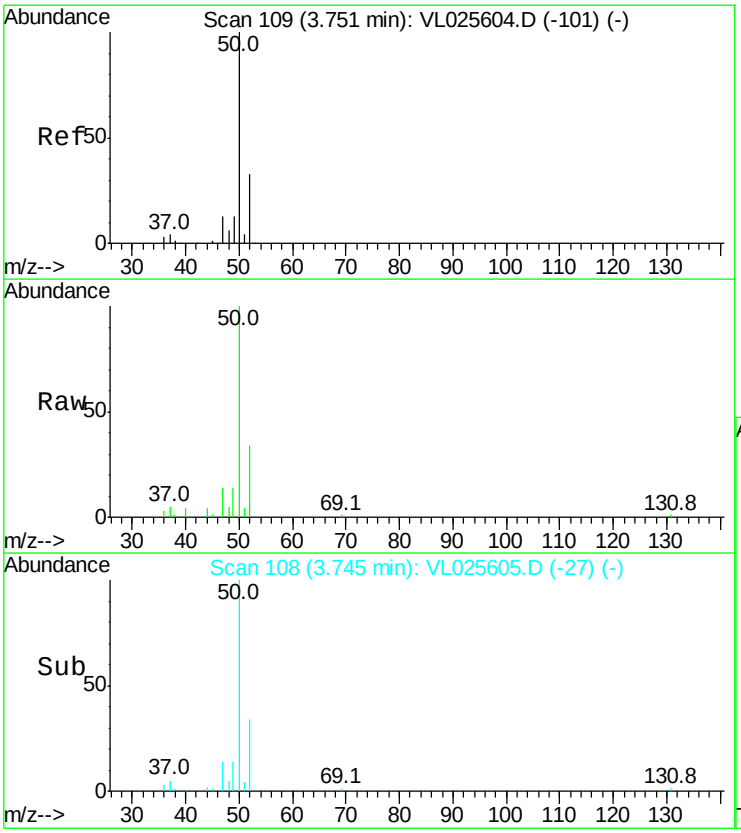
#3
Chlorodifluoromethane
Concen: 2.59 ppbv
RT: 3.56 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 218436

Ion	Ratio	Lower	Upper
51	100		
67	22.9	19.5	29.3

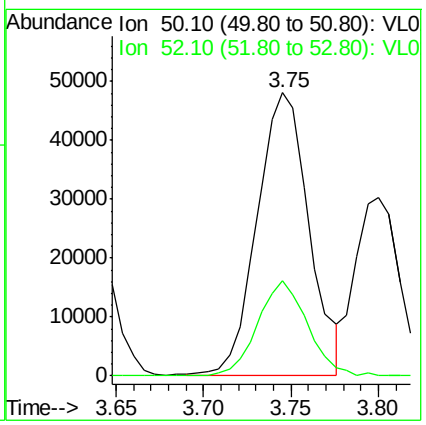


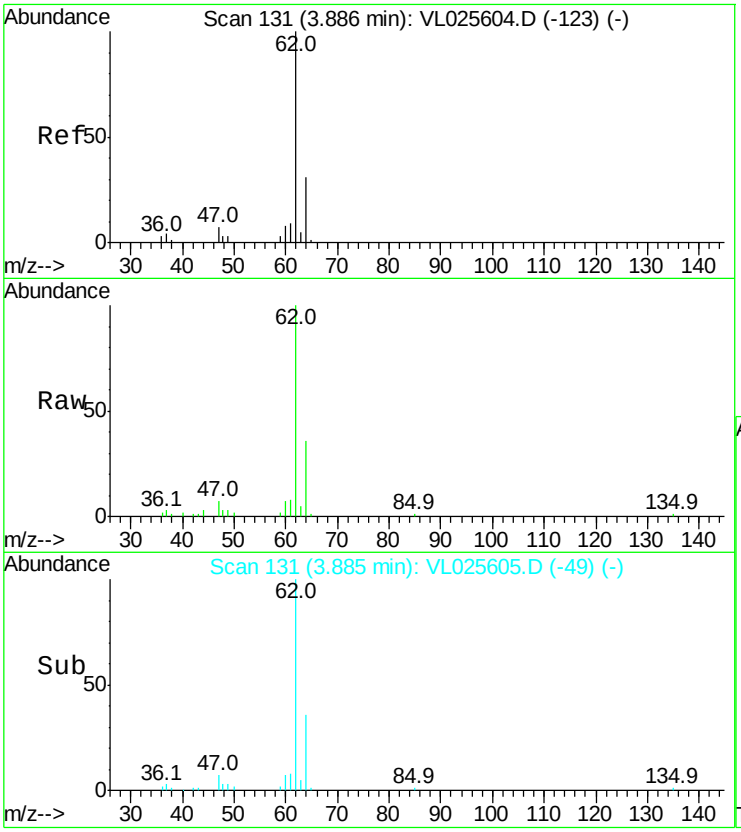


#4
Chloromethane
Concen: 2.28 ppbv
RT: 3.75 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 50 Resp: 99920

Ion	Ratio	Lower	Upper
50	100		
52	34.0	26.2	39.2



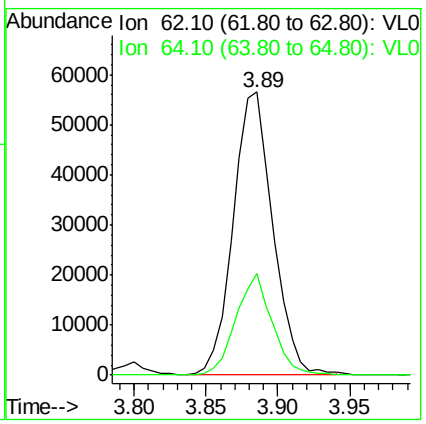


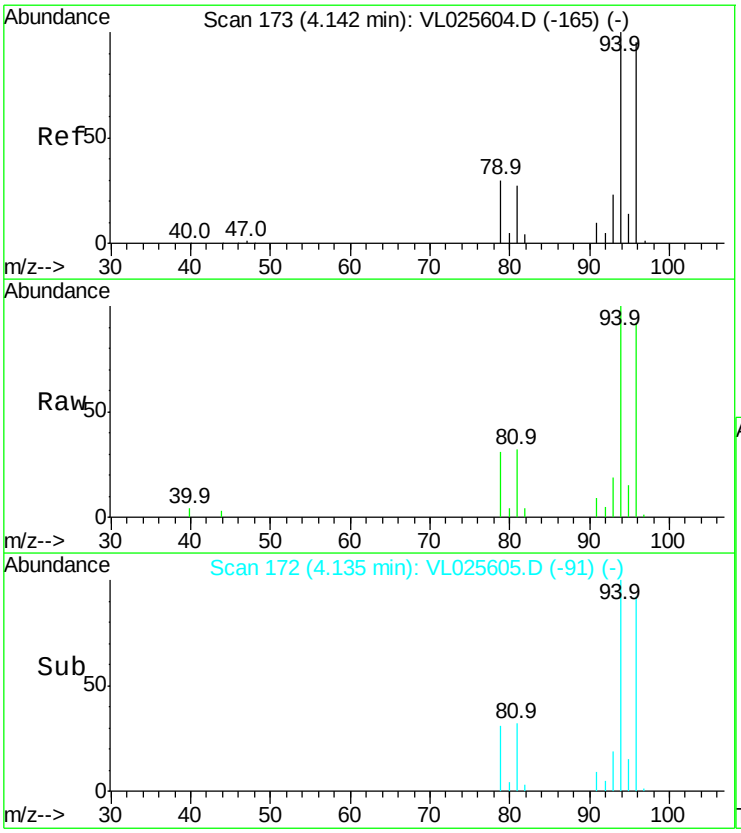
#5
Vinyl Chloride
Concen: 2.21 ppbv
RT: 3.89 min Scan# 131
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 108102

Ion	Ratio	Lower	Upper
62	100		
64	35.9	25.0	37.6

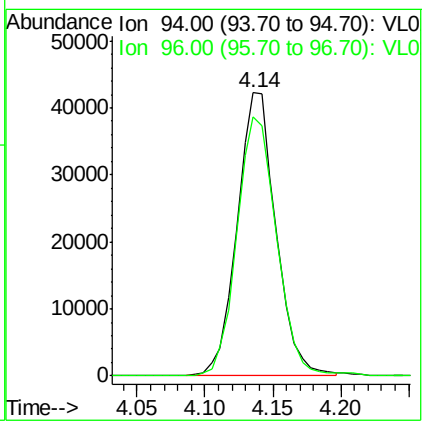


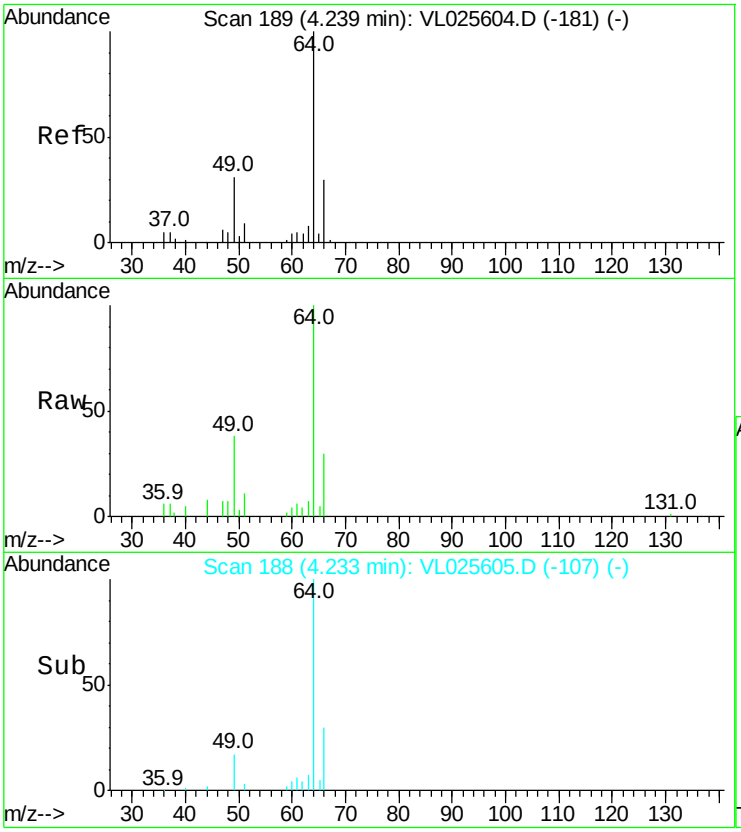


#6
Bromomethane
Concen: 2.54 ppbv
RT: 4.14 min Scan# 172
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 94 Resp: 84231

Ion	Ratio	Lower	Upper
94	100		
96	91.6	75.9	113.9



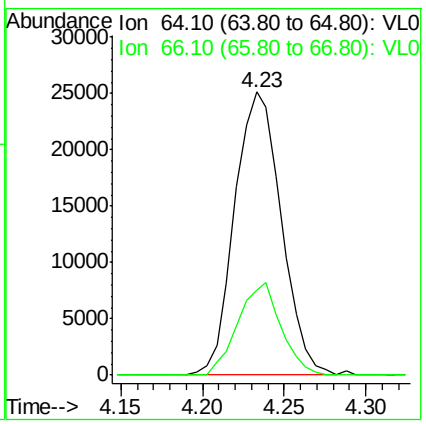


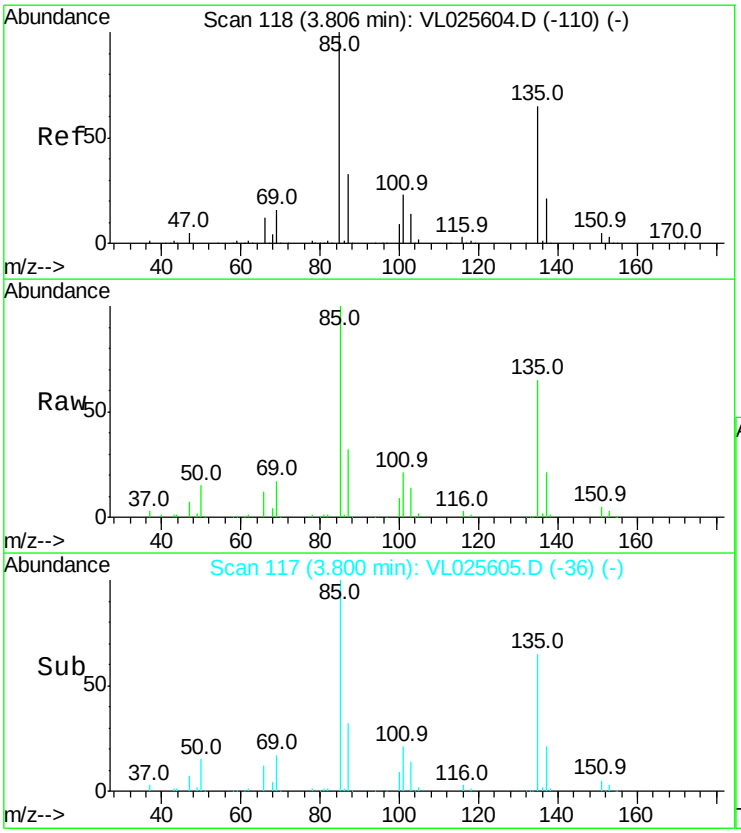
#7
Chloroethane
Concen: 2.47 ppbv
RT: 4.23 min Scan# 188
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 64 Resp: 50010

Ion	Ratio	Lower	Upper
64	100		
66	30.0	23.8	35.8

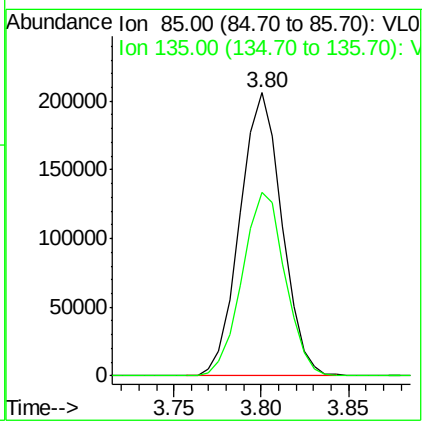


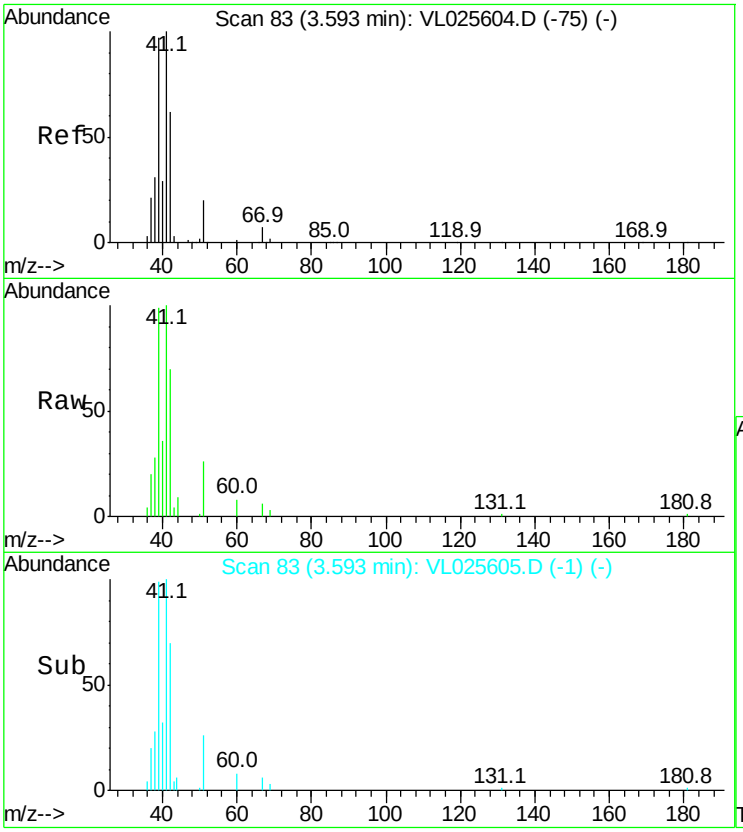


#8
Dichlorotetrafluoroethane
Concen: 2.62 ppbv
RT: 3.80 min Scan# 117
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 85 Resp: 344521

Ion	Ratio	Lower	Upper
85	100		
135	66.3	52.2	78.4



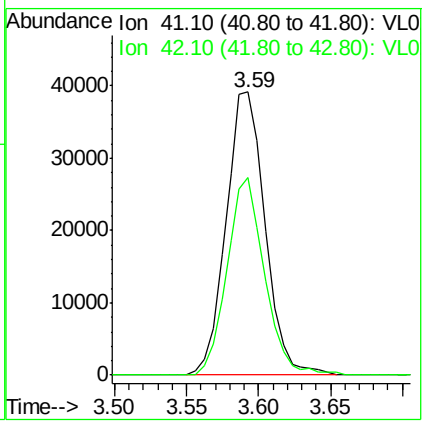


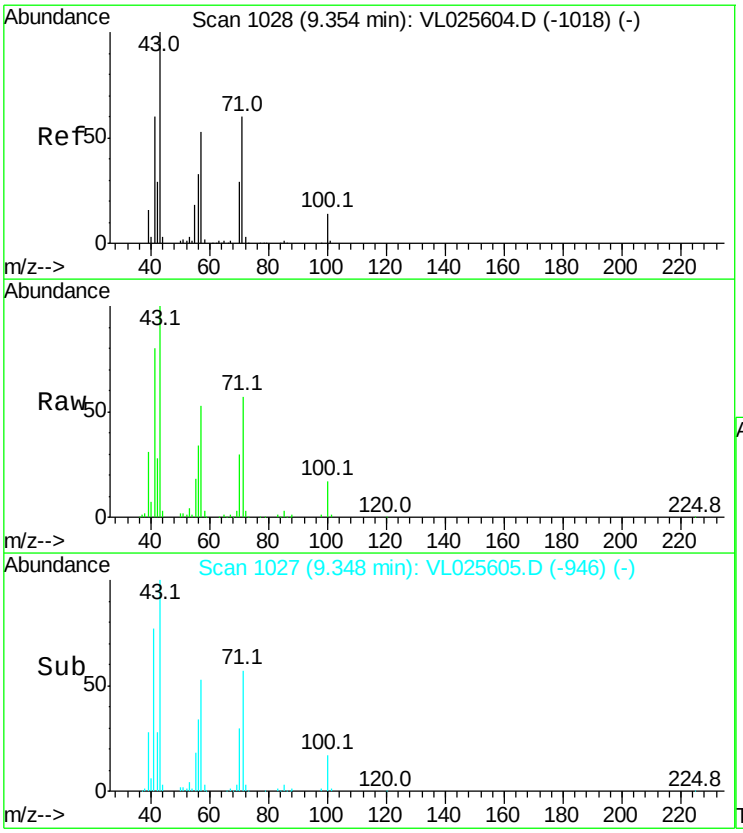
#9
Propene
Concen: 2.10 ppbv
RT: 3.59 min Scan# 83
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 74073

Ion	Ratio	Lower	Upper
41	100		
42	67.0	52.4	78.6

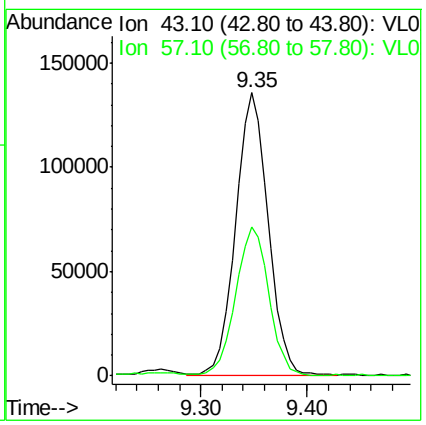


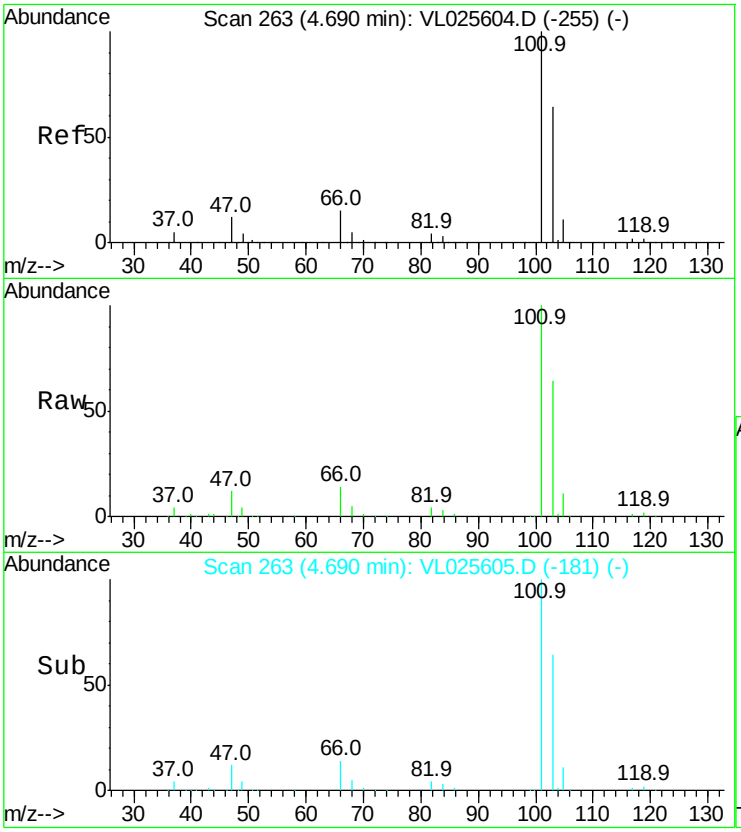


#10
Heptane
Concen: 2.30 ppbv
RT: 9.35 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 43 Resp: 288987

Ion	Ratio	Lower	Upper
43	100		
57	55.3	42.6	64.0



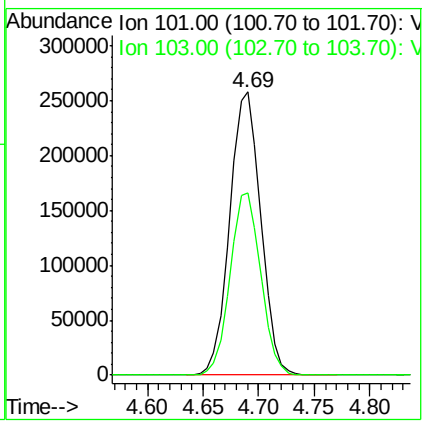


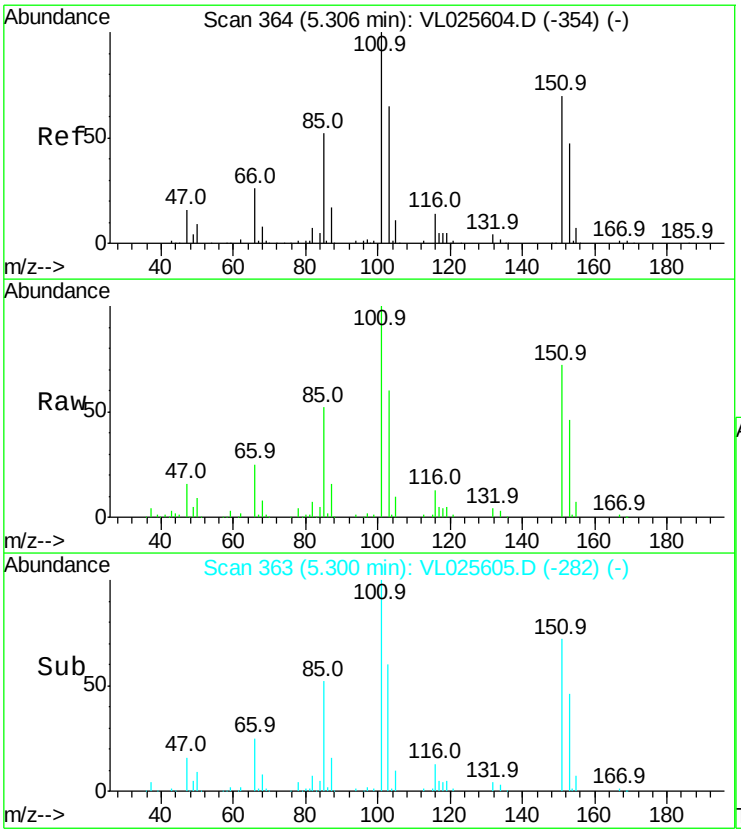
#11
Trichlorofluoromethane
Concen: 2.91 ppbv
RT: 4.69 min Scan# 263
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 499838

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2

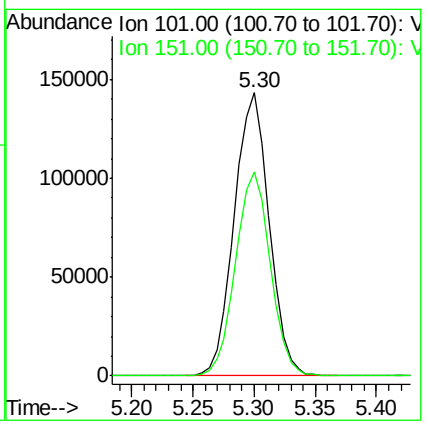


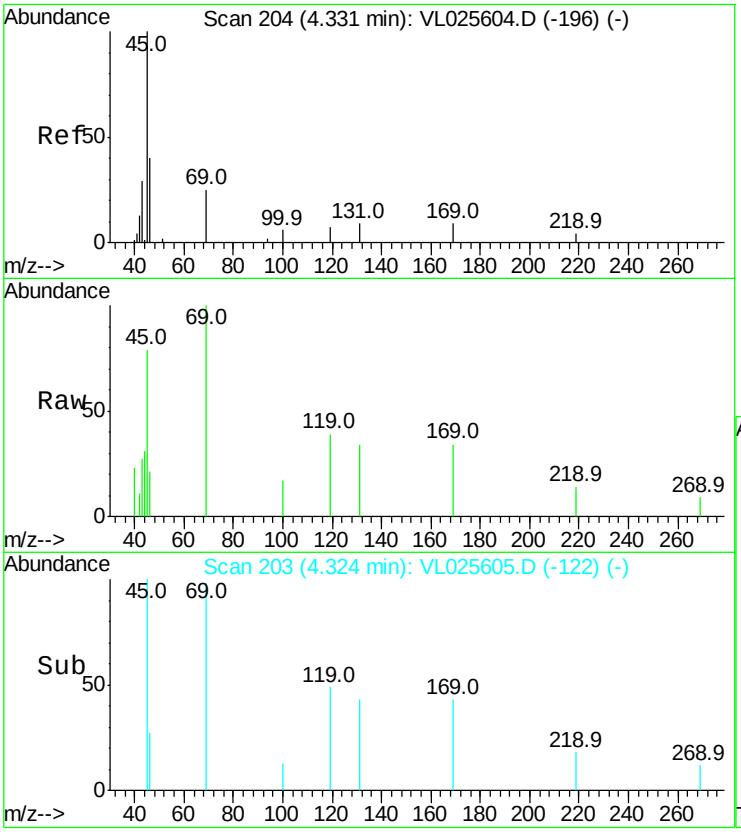


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.74 ppbv
RT: 5.30 min Scan# 363
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:101 Resp: 284524

Ion	Ratio	Lower	Upper
101	100		
151	71.7	56.3	84.5



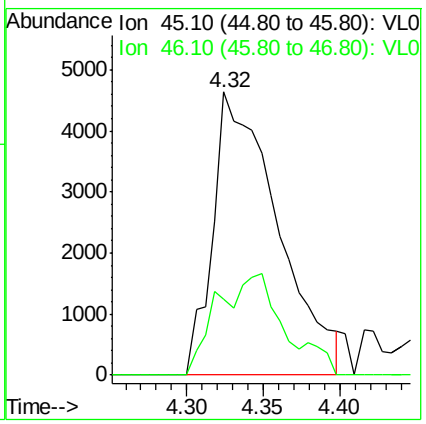


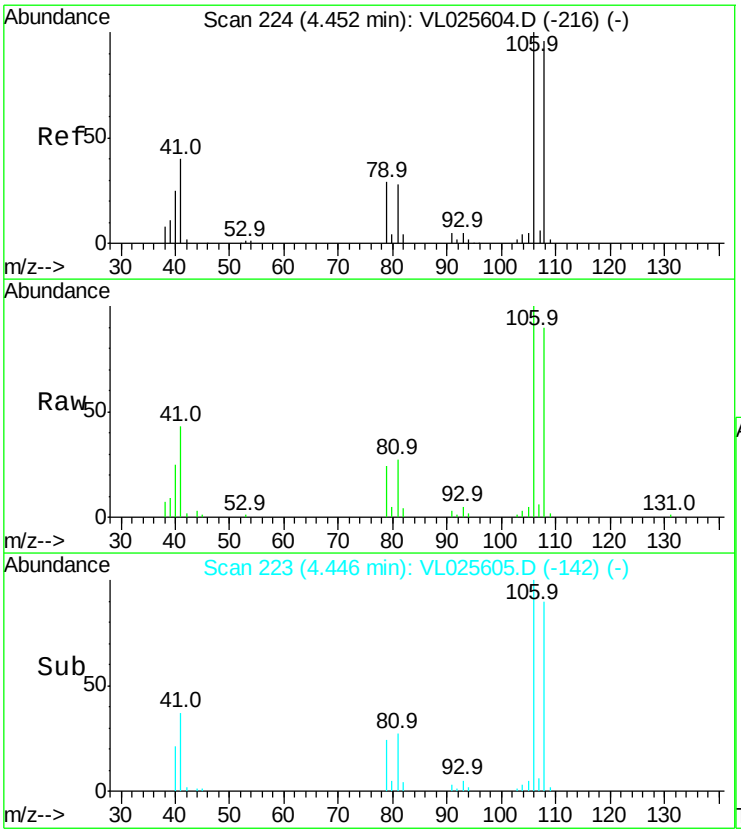
#13
Ethanol
Concen: 2.14 ppbv
RT: 4.32 min Scan# 203
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 13597

Ion	Ratio	Lower	Upper
45	100		
46	37.3	16.0	64.0

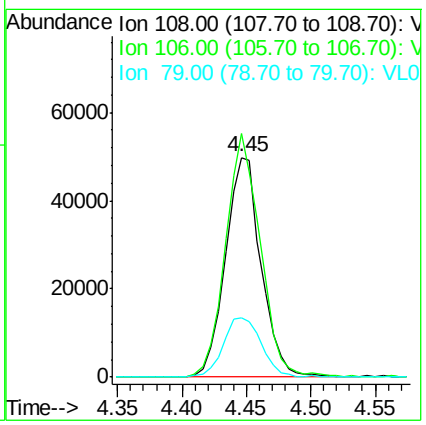


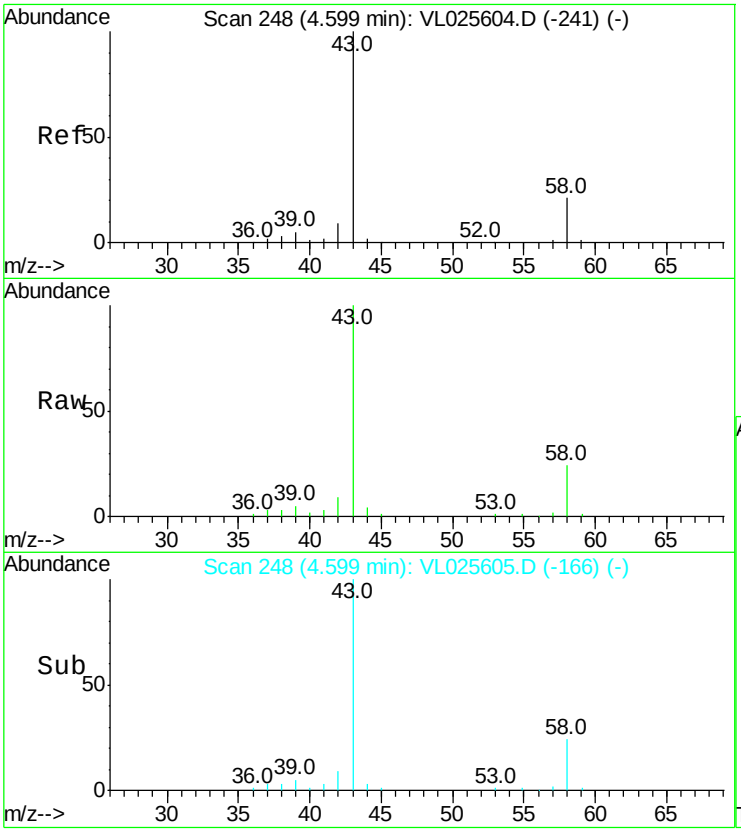


#14
Bromoethene
Concen: 2.60 ppbv
RT: 4.45 min Scan# 223
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:108 Resp: 96075

Ion	Ratio	Lower	Upper
108	100		
106	108.0	85.7	128.5
79	29.1	24.6	36.8



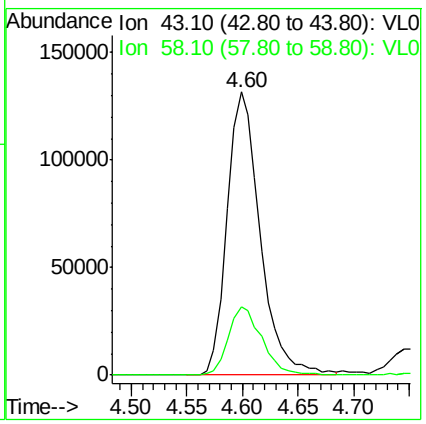


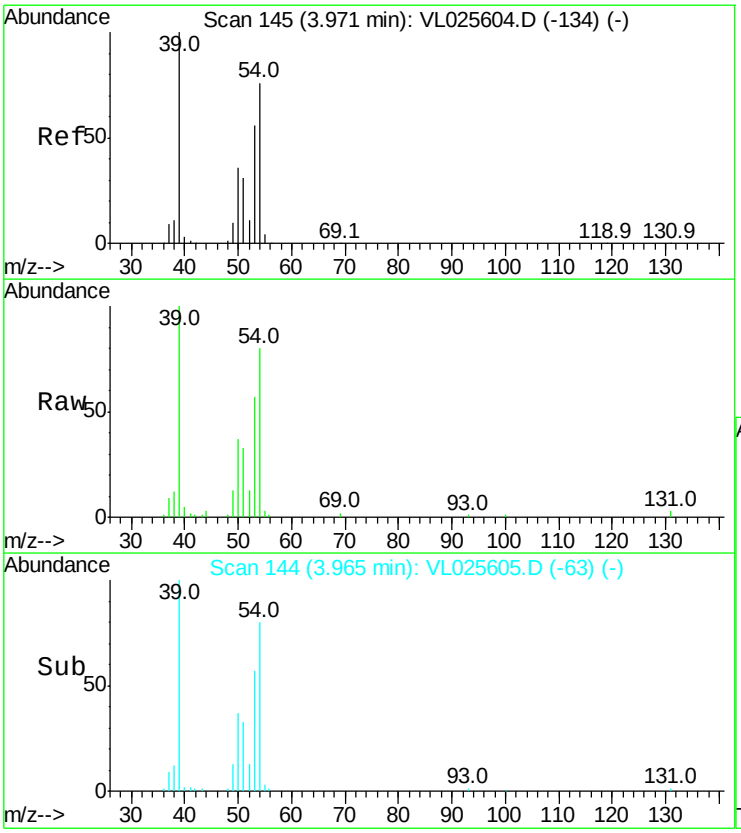
#15
Acetone
Concen: 2.62 ppbv
RT: 4.60 min Scan# 248
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 271498

Ion	Ratio	Lower	Upper
43	100		
58	24.7	17.2	25.8

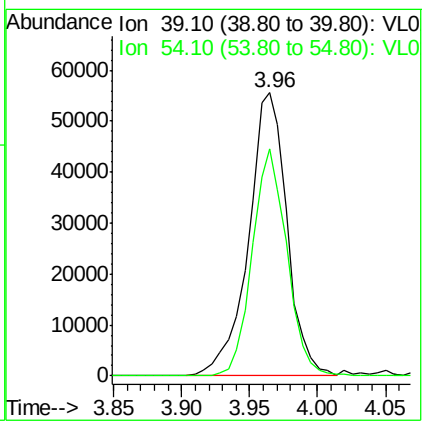


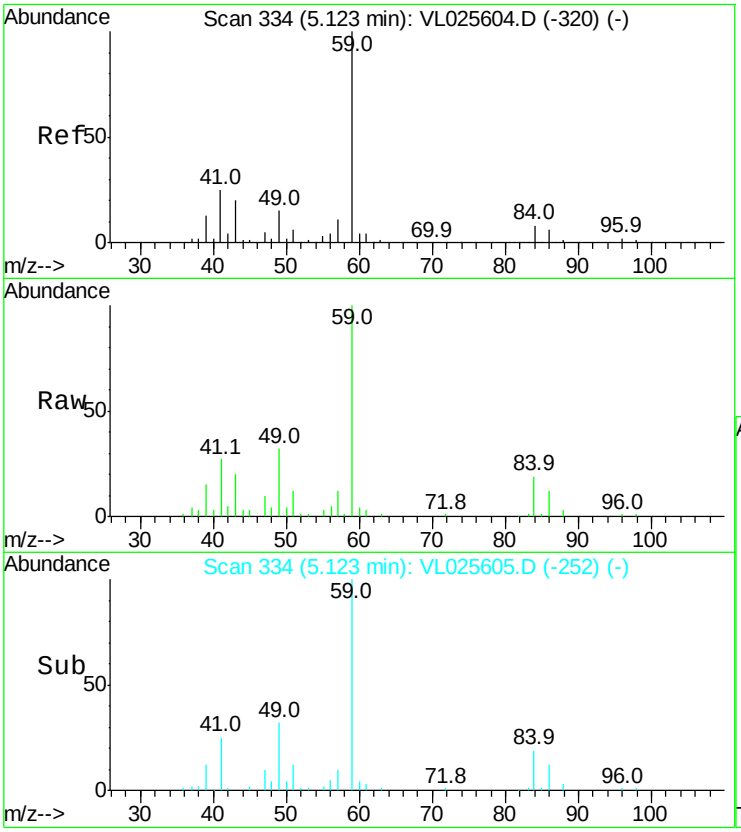


#16
1,3-Butadiene
Concen: 2.42 ppbv
RT: 3.96 min Scan# 144
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 39 Resp: 110223

Ion	Ratio	Lower	Upper
39	100		
54	72.2	59.3	88.9



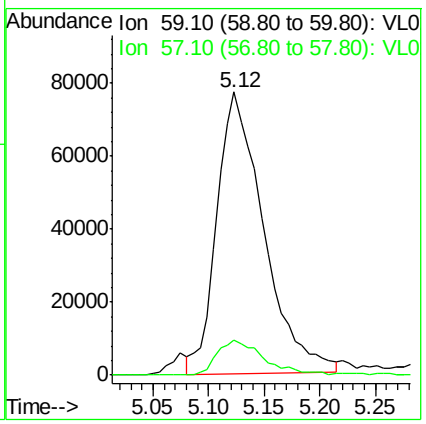


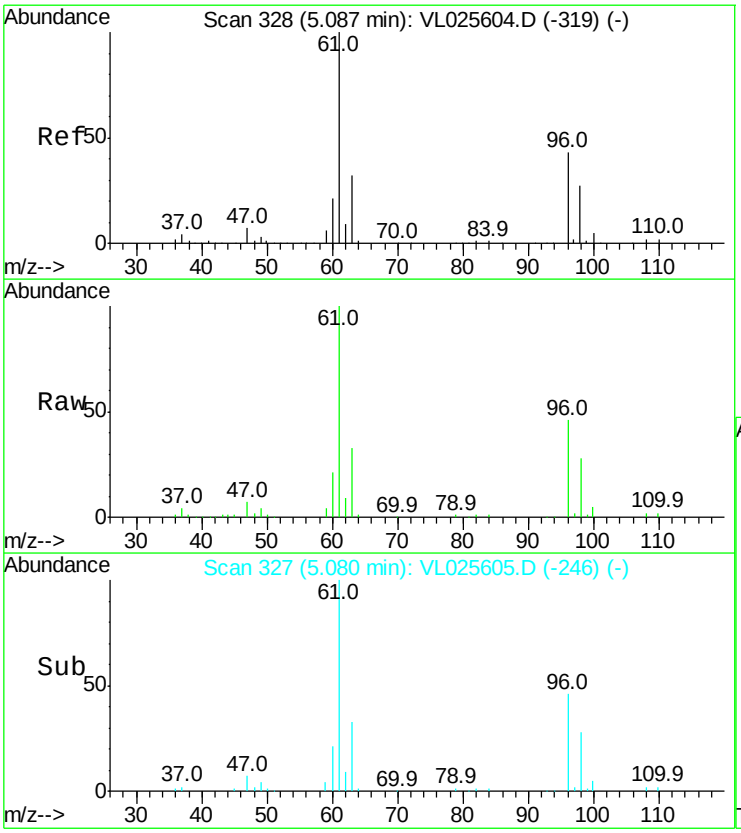
#17
tert-Butyl alcohol
Concen: 2.55 ppbv
RT: 5.12 min Scan# 334
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 225484

Ion	Ratio	Lower	Upper
59	100		
57	13.1	9.4	14.2

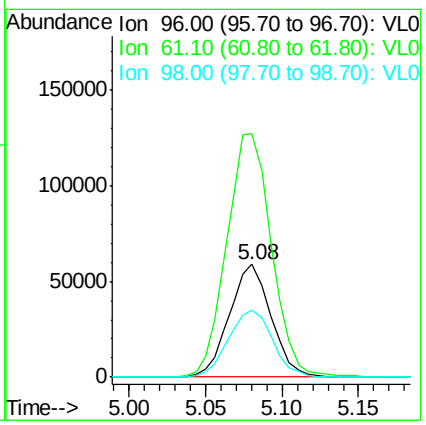


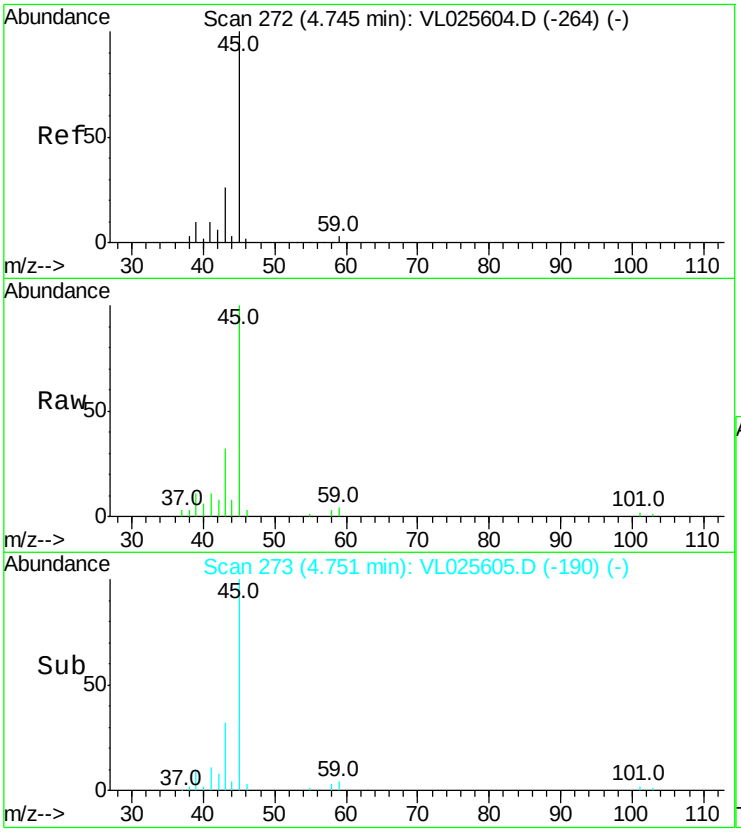


#18
1,1-Dichloroethene
Concen: 2.60 ppbv
RT: 5.08 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 96 Resp: 111286

Ion	Ratio	Lower	Upper
96	100		
61	213.8	184.1	276.1
98	59.8	50.0	75.0



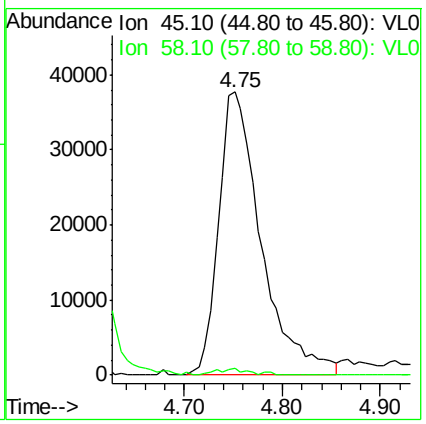


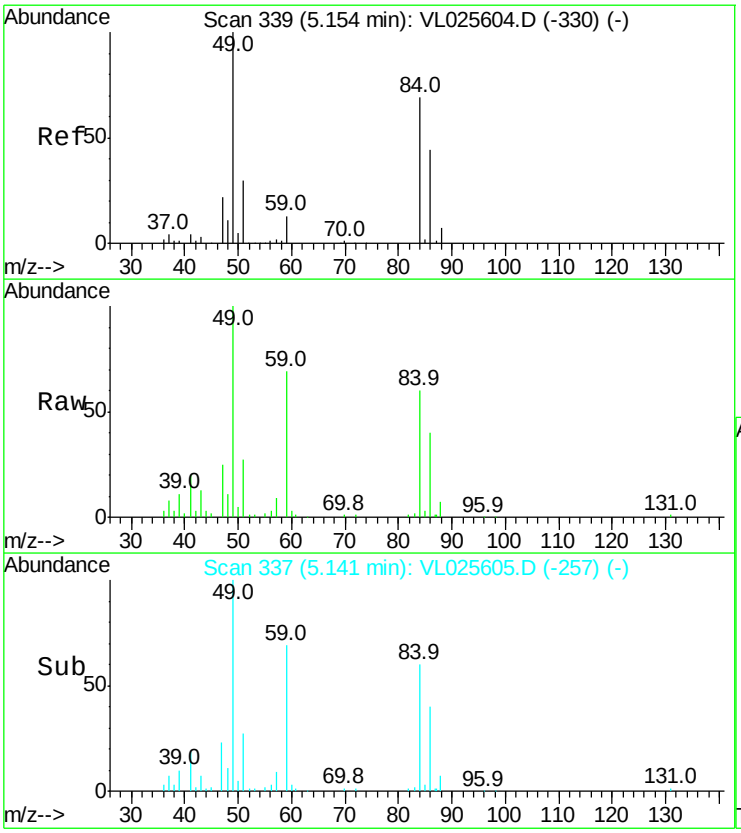
#19
Isopropyl Alcohol
Concen: 2.42 ppbv
RT: 4.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 113924

Ion	Ratio	Lower	Upper
45	100		
58	1.8	1.1	1.7#

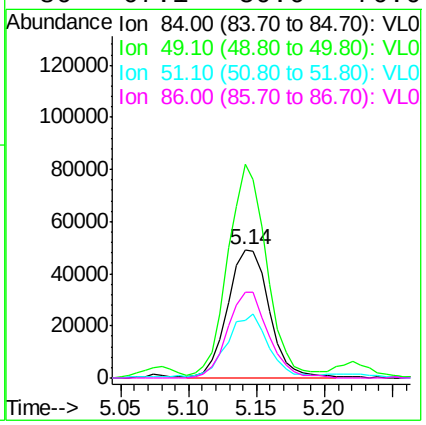


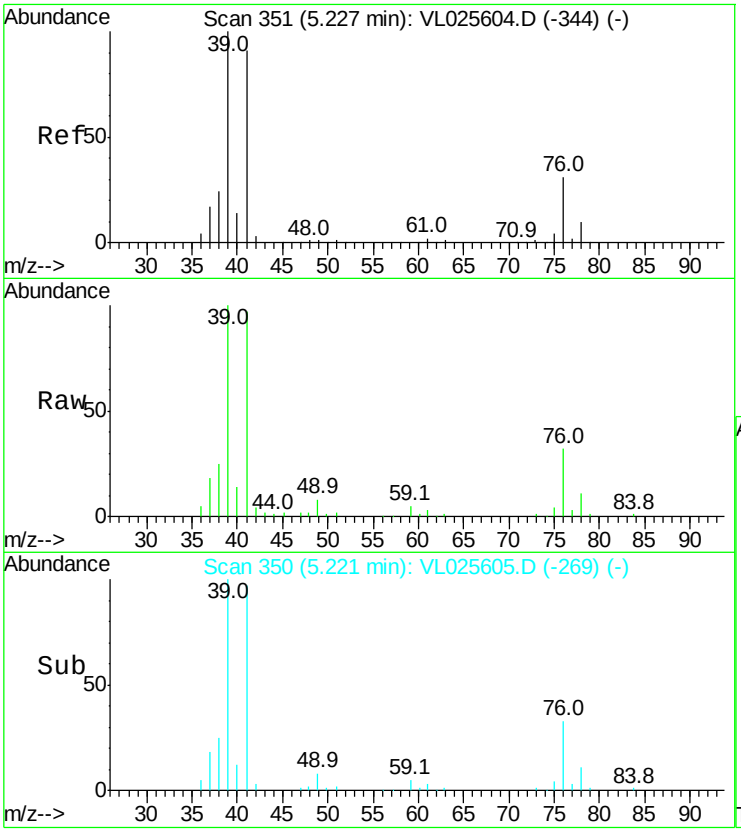


#20
Methylene Chloride
Concen: 2.35 ppbv
RT: 5.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 84 Resp: 105526

Ion	Ratio	Lower	Upper
84	100		
49	164.9	115.2	172.8
51	44.9	35.0	52.6
86	67.1	50.6	76.0



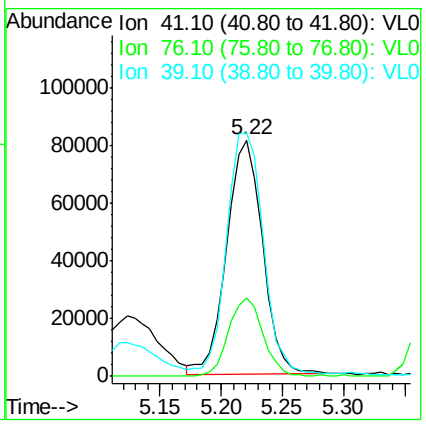


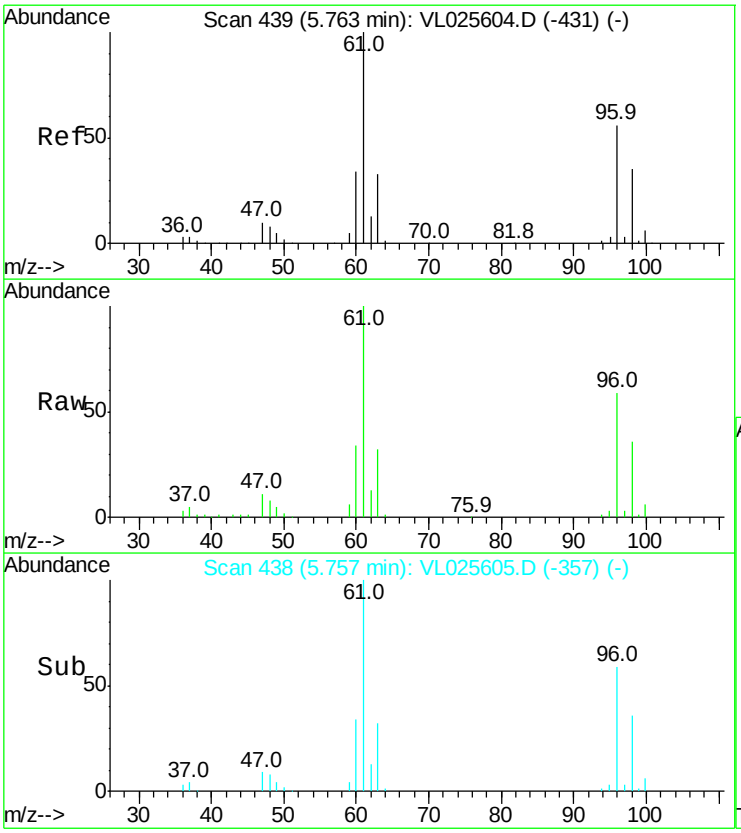
#21
Allyl Chloride
Concen: 2.44 ppbv
RT: 5.22 min Scan# 350
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 164952

Ion	Ratio	Lower	Upper
41	100		
76	32.2	26.6	40.0
39	106.3	88.2	132.4

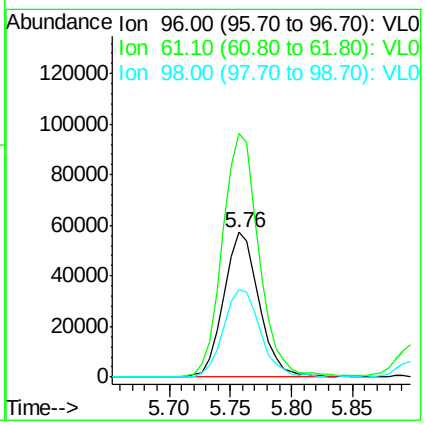


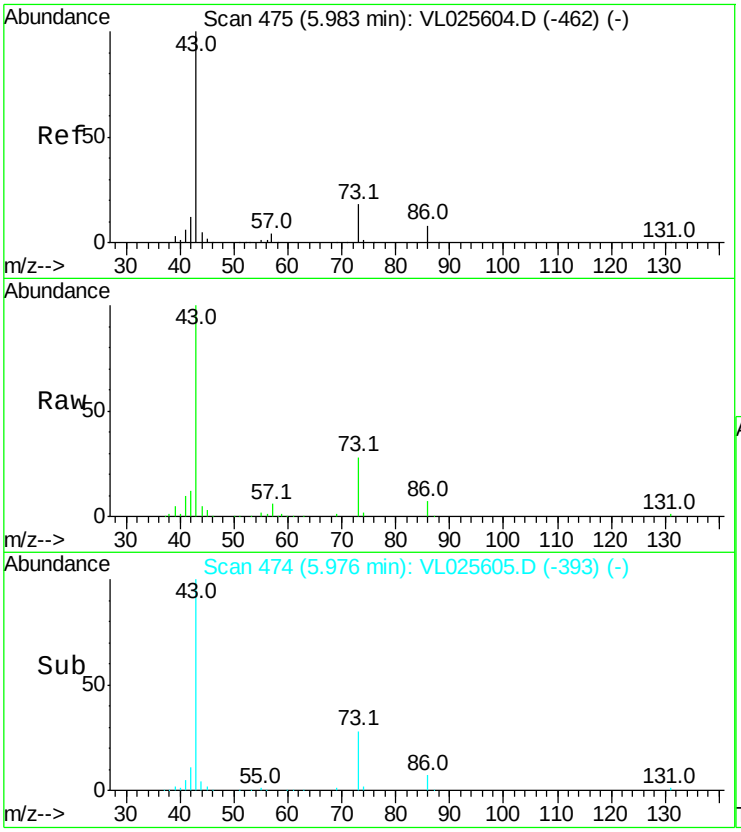


#22
trans-1,2-Dichloroethene
Concen: 2.30 ppbv
RT: 5.76 min Scan# 438
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 96 Resp: 114786

Ion	Ratio	Lower	Upper
96	100		
61	167.3	141.8	212.6
98	60.1	49.0	73.6



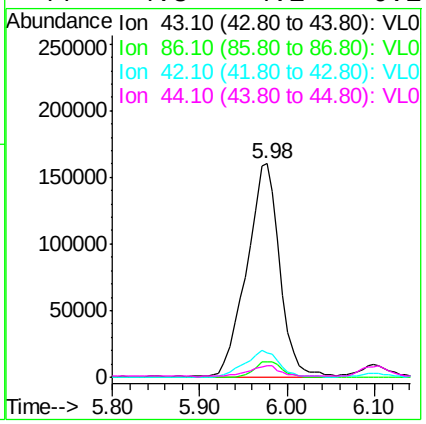


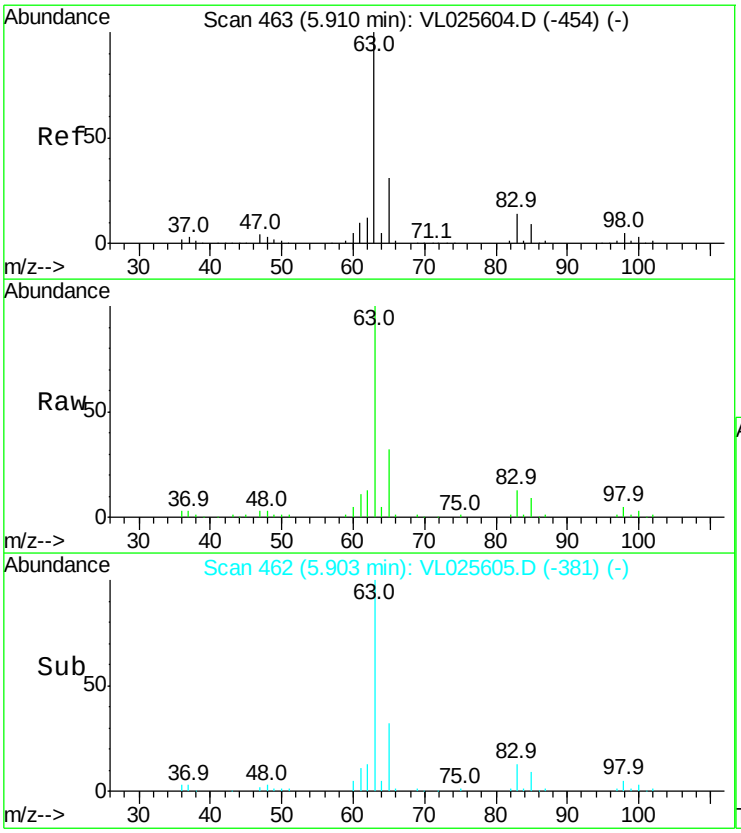
#23
Vinyl Acetate
Concen: 2.31 ppbv
RT: 5.98 min Scan# 474
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 419820

Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.7	10.1
42	11.5	9.8	14.6
44	4.8	4.1	6.1

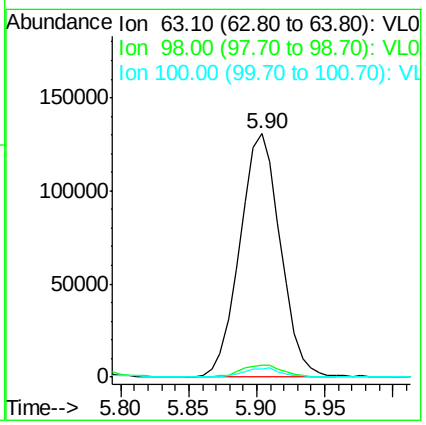


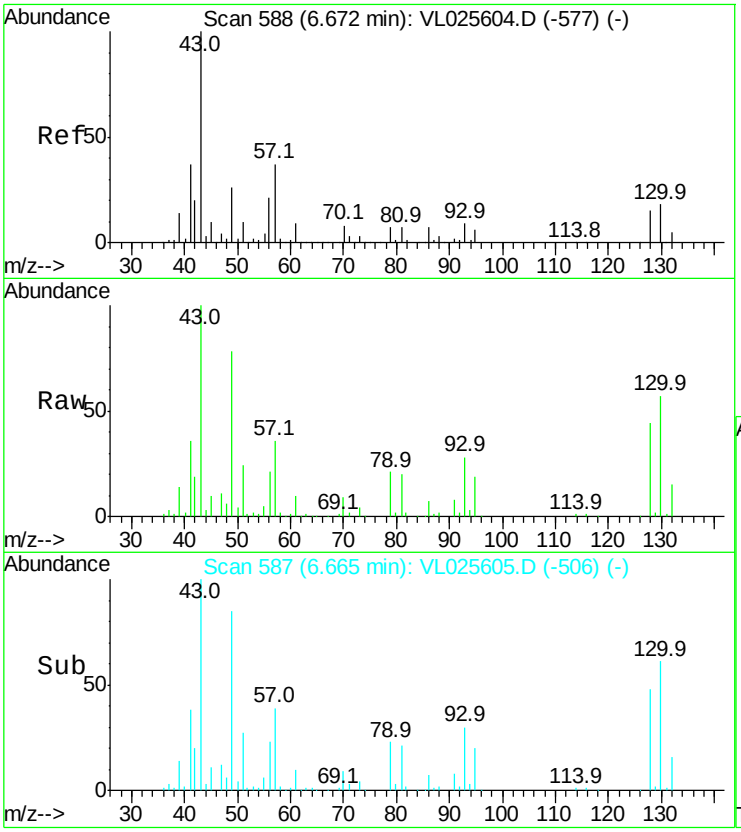


#24
1,1-Dichloroethane
Concen: 2.32 ppbv
RT: 5.90 min Scan# 462
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 63 Resp: 273542

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.6	8.0
100	3.1	1.6	4.7



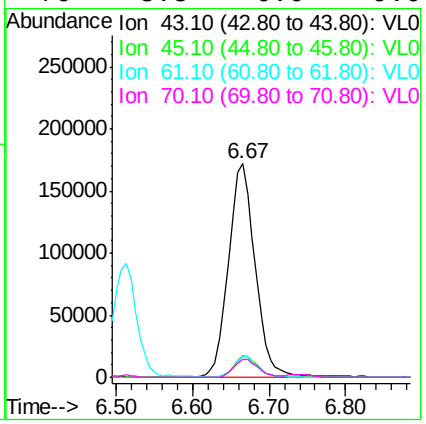


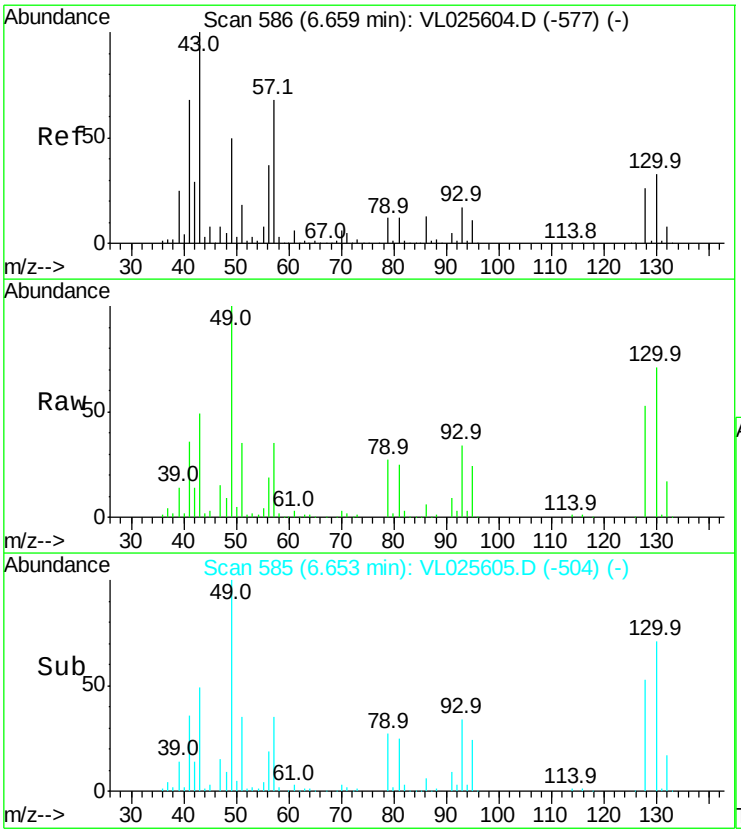
#25
Ethyl Acetate
Concen: 2.21 ppbv
RT: 6.67 min Scan# 587
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 411495

Ion	Ratio	Lower	Upper
43	100		
45	9.1	7.5	11.3
61	8.7	6.6	10.0
70	8.8	6.0	9.0

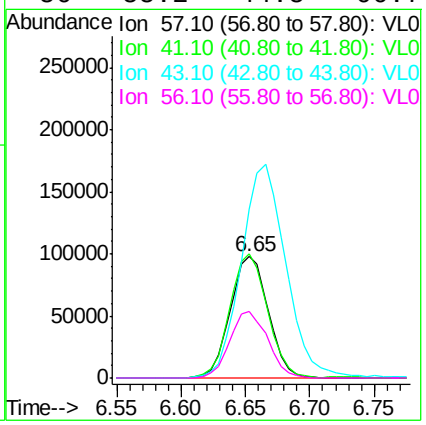


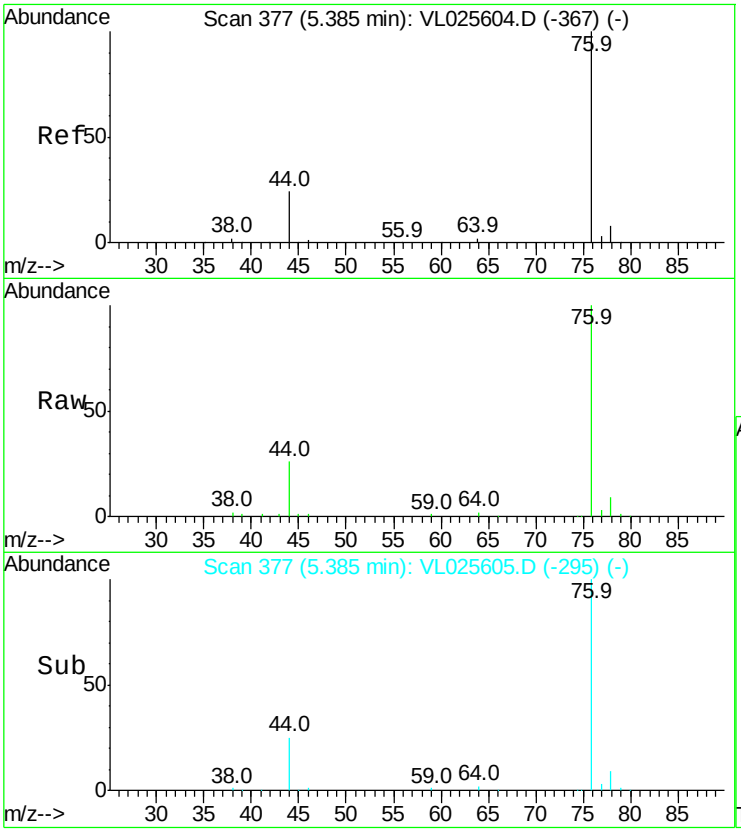


#26
Hexane
Concen: 2.28 ppbv
RT: 6.65 min Scan# 585
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 57 Resp: 200222

Ion	Ratio	Lower	Upper
57	100		
41	102.1	81.4	122.2
43	209.7	171.4	257.2
56	55.2	44.5	66.7



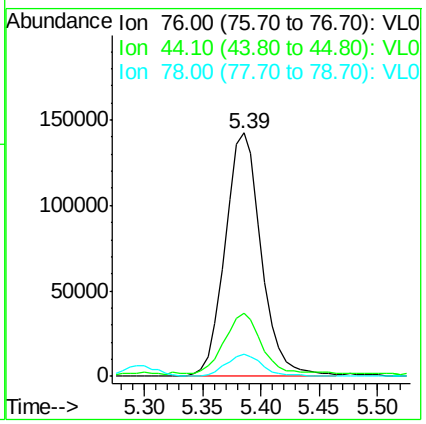


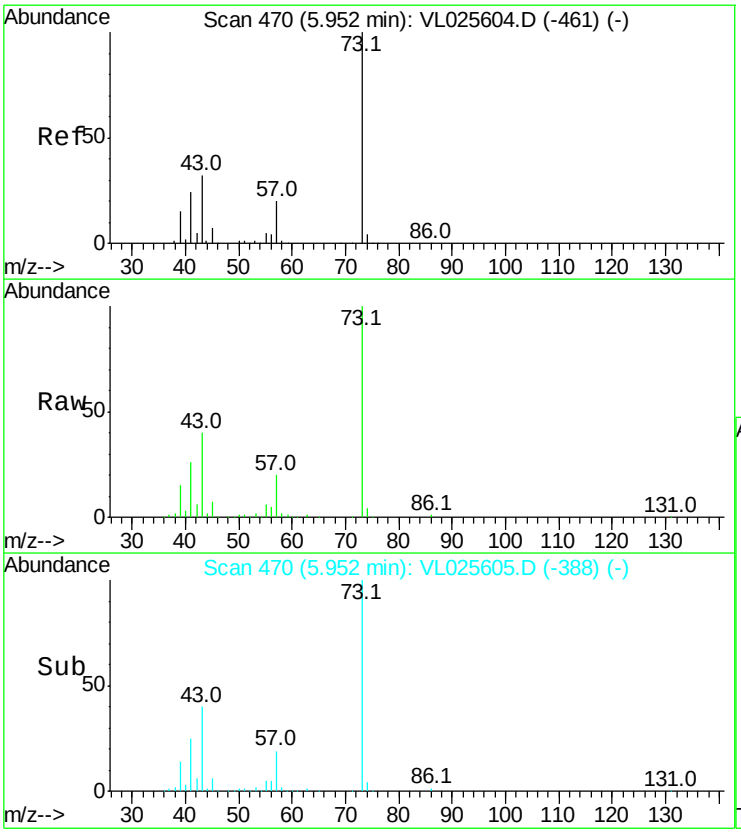
#27
Carbon Disulfide
Concen: 2.54 ppbv
RT: 5.39 min Scan# 377
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 307982

Ion	Ratio	Lower	Upper
76	100		
44	27.8	20.2	30.4
78	9.2	7.4	11.2

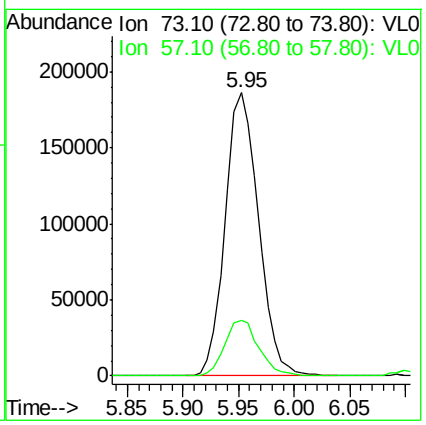


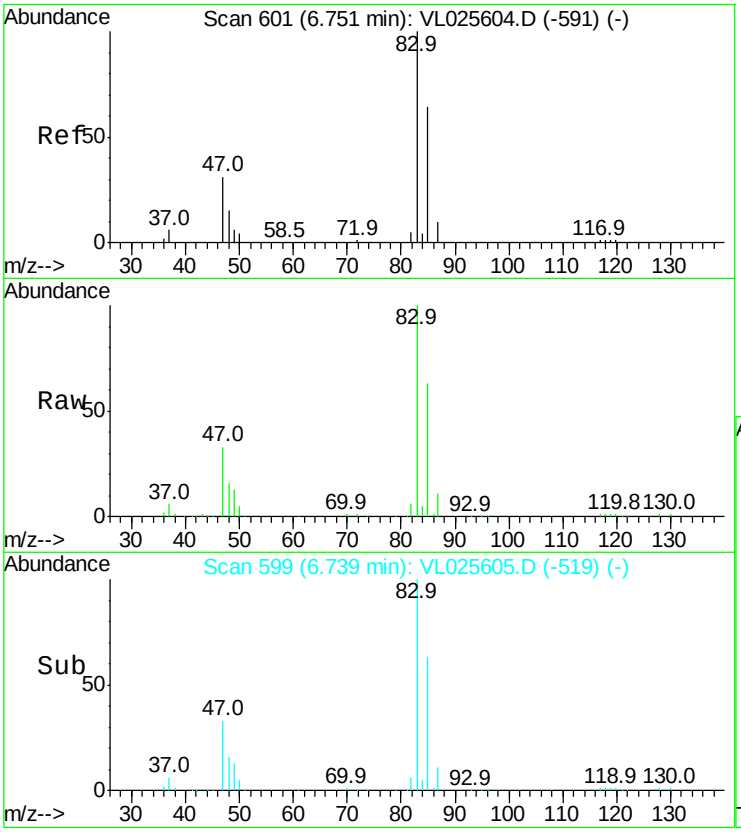


#28
Methyl tert-Butyl Ether
Concen: 2.38 ppbv
RT: 5.95 min Scan# 470
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 73 Resp: 388408

Ion	Ratio	Lower	Upper
73	100		
57	20.1	16.0	24.0



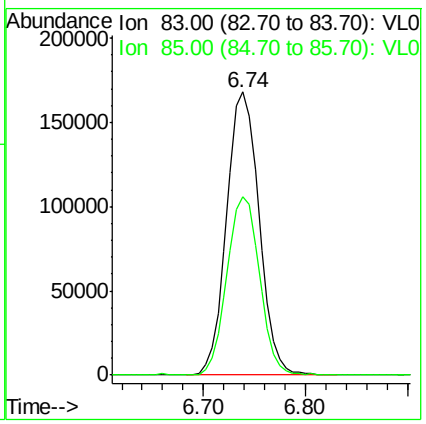


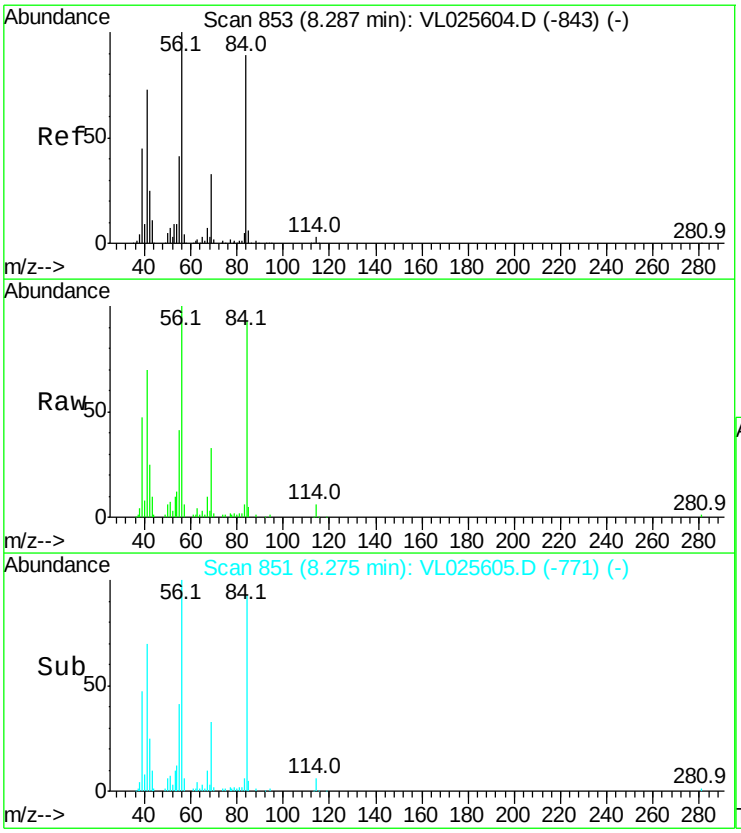
#29
Chloroform
Concen: 2.55 ppbv
RT: 6.74 min Scan# 599
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 371834

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.6	77.4

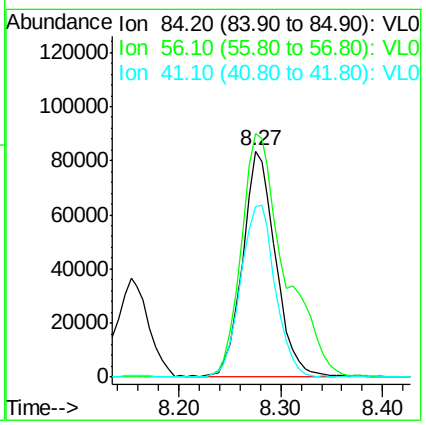


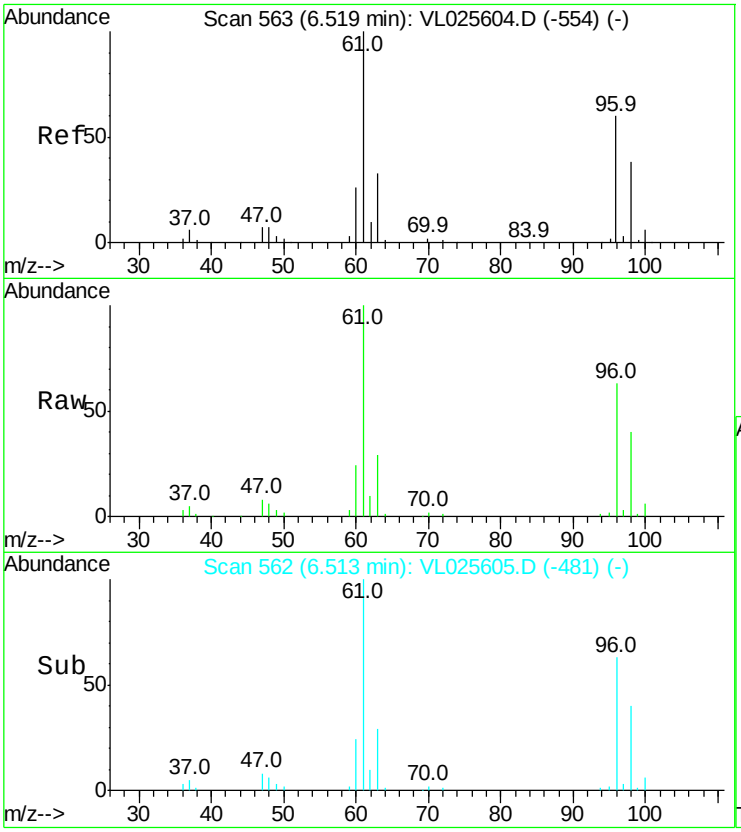


#30
Cyclohexane
Concen: 2.35 ppbv
RT: 8.27 min Scan# 851
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 84 Resp: 187731

Ion	Ratio	Lower	Upper
84	100		
56	142.2	97.5	146.3
41	80.0	65.4	98.2



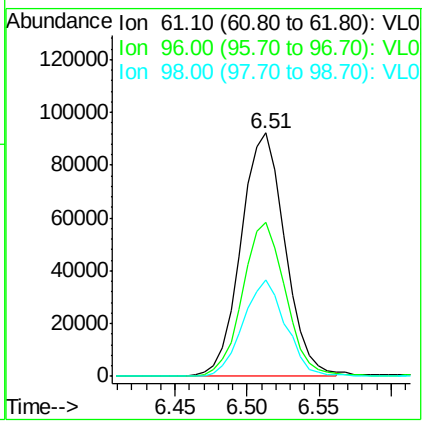


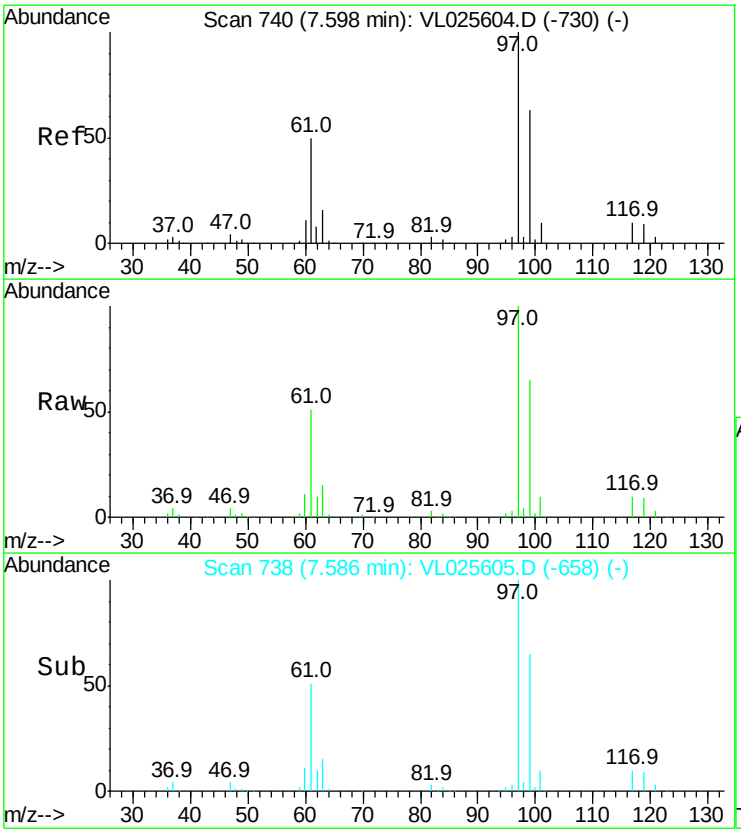
#31
cis-1,2-Dichloroethene
Concen: 2.32 ppbv
RT: 6.51 min Scan# 562
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 195184

Ion	Ratio	Lower	Upper
61	100		
96	63.1	48.1	72.1
98	39.6	30.7	46.1

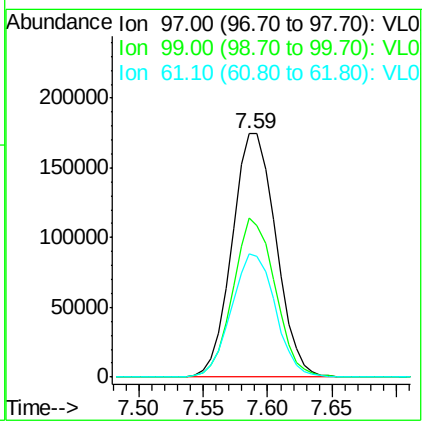


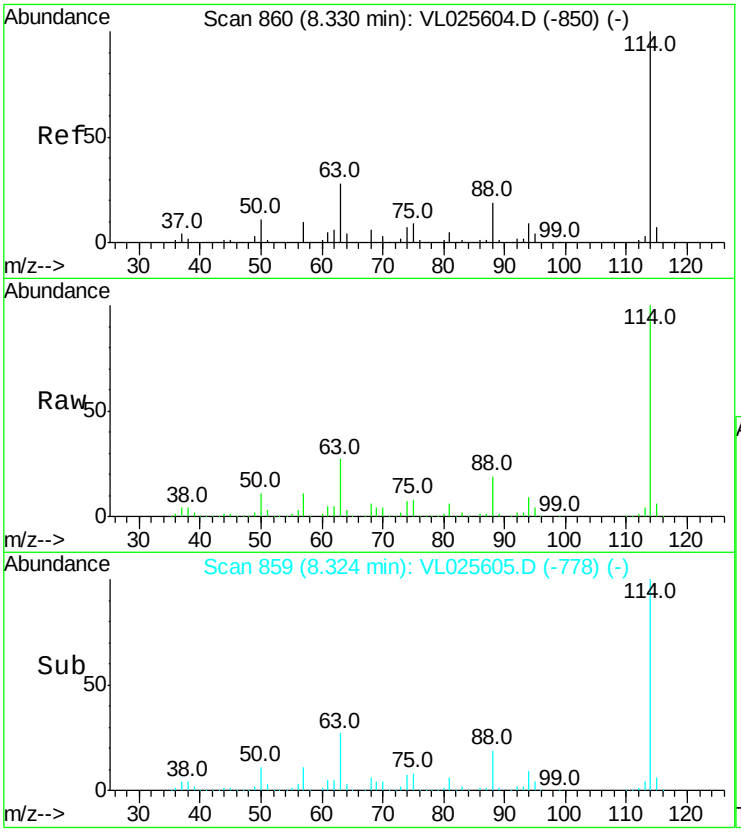


#32
1,1,1-Trichloroethane
Concen: 2.52 ppbv
RT: 7.59 min Scan# 738
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 97 Resp: 413697

Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.2	76.8
61	50.5	40.4	60.6



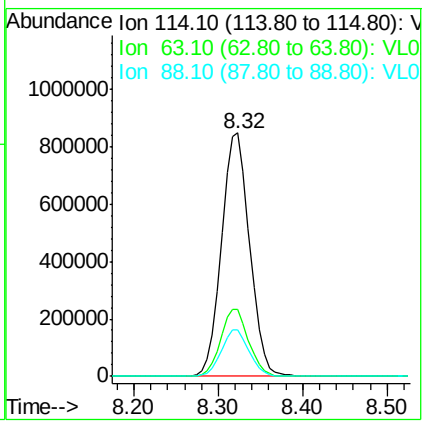


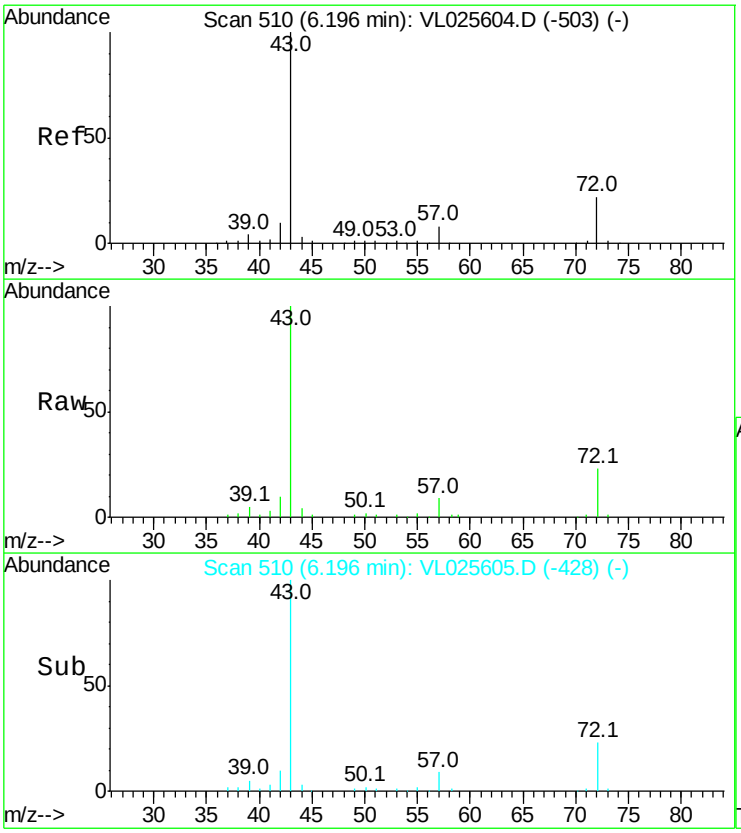
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.32 min Scan# 859
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 1935652

Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.4	33.6
88	18.7	15.0	22.4

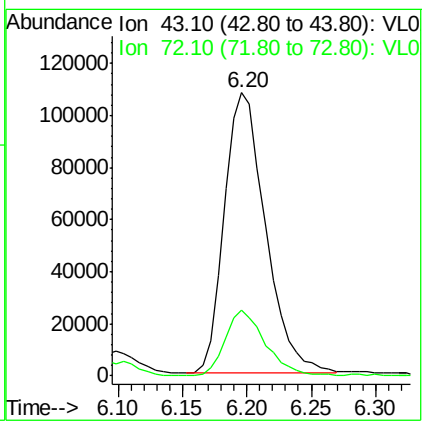


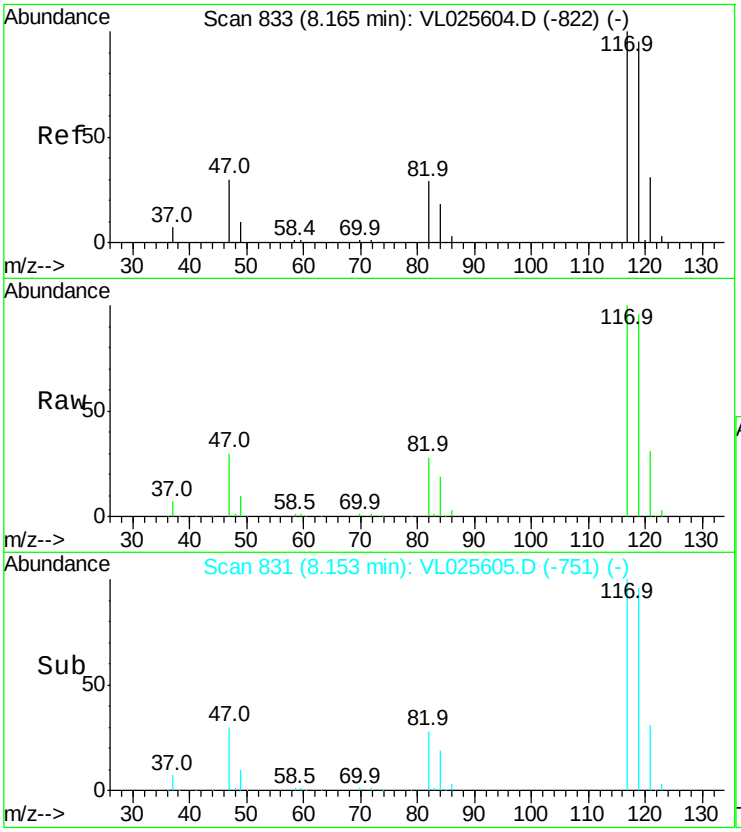


#34
2-Butanone
Concen: 2.09 ppbv
RT: 6.20 min Scan# 510
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 43 Resp: 240877

Ion	Ratio	Lower	Upper
43	100		
72	23.2	18.6	28.0



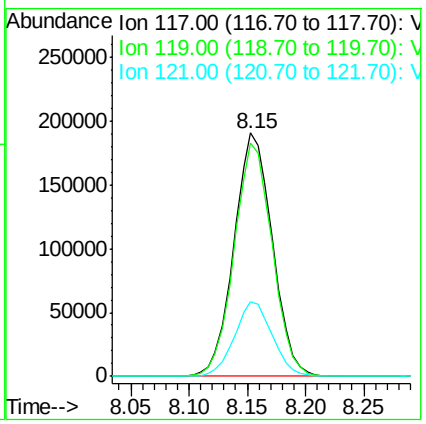


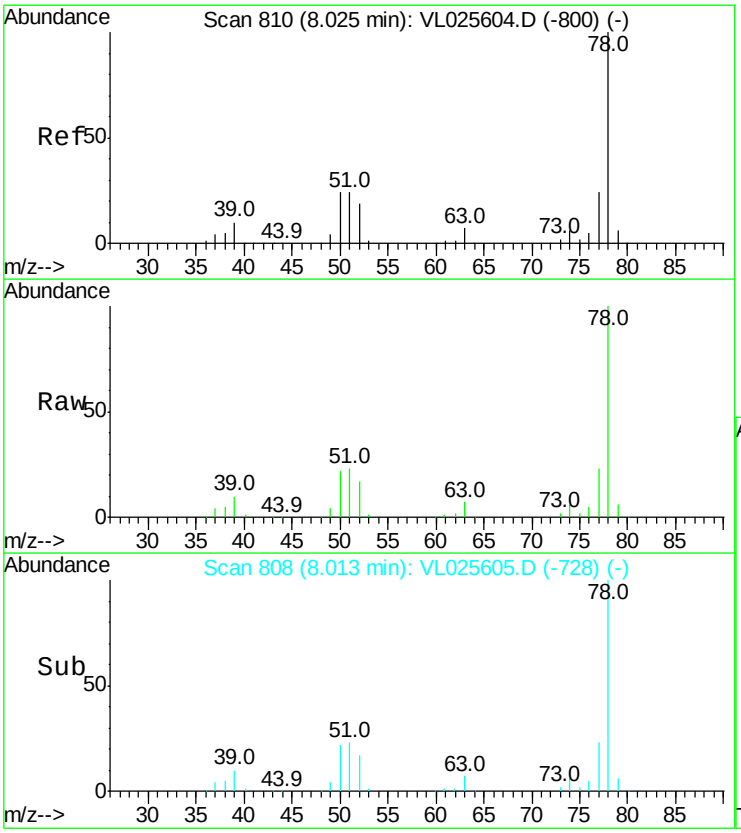
#35
Carbon Tetrachloride
Concen: 2.51 ppbv
RT: 8.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:117 Resp: 439208

Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.9	113.9
121	30.8	24.4	36.6

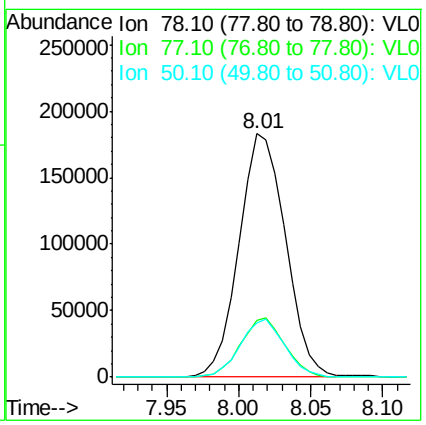


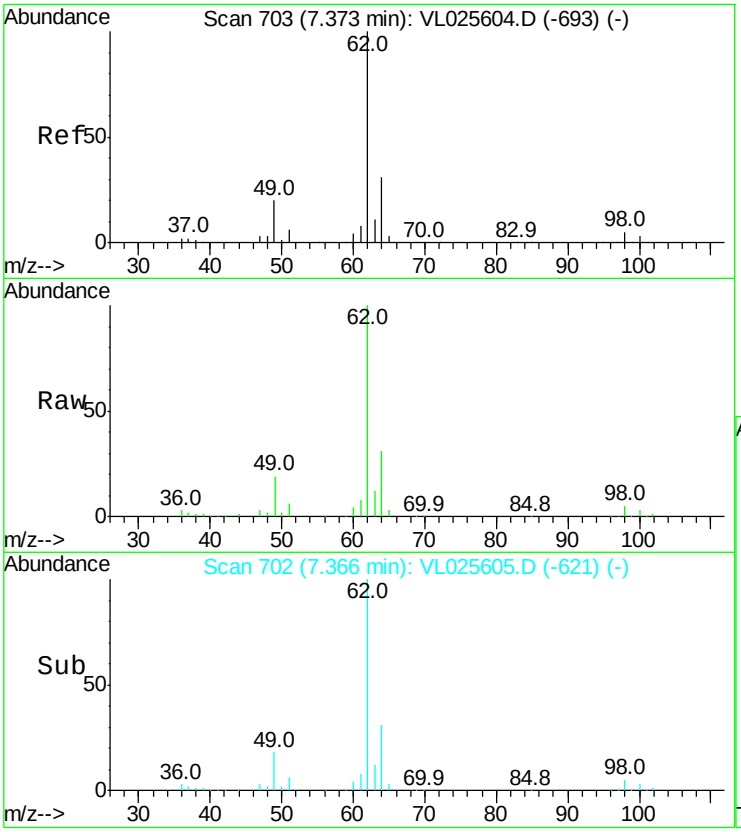


#36
Benzene
Concen: 2.14 ppbv
RT: 8.01 min Scan# 808
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 78 Resp: 409787

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4
50	22.3	19.2	28.8



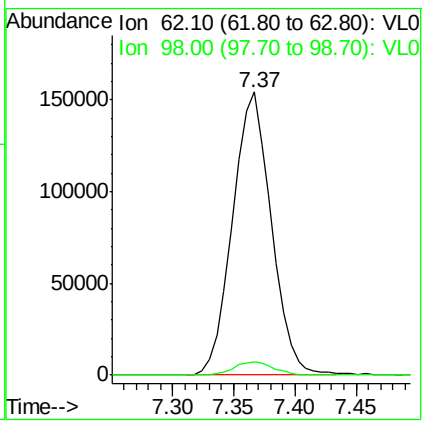


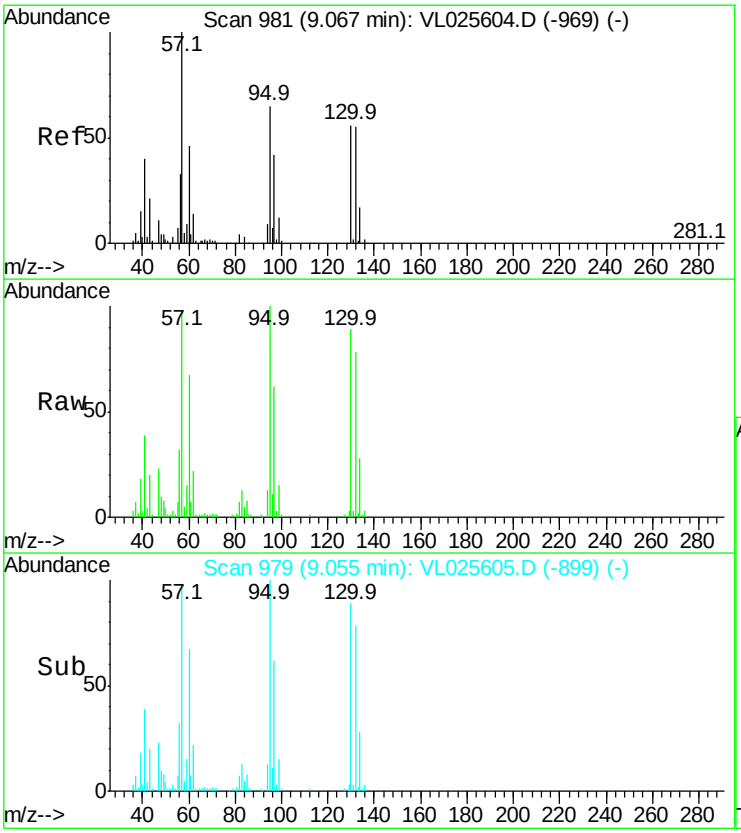
#37
1,2-Dichloroethane
Concen: 2.55 ppbv
RT: 7.37 min Scan# 702
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 339214

Ion	Ratio	Lower	Upper
62	100		
98	4.8	4.1	6.1

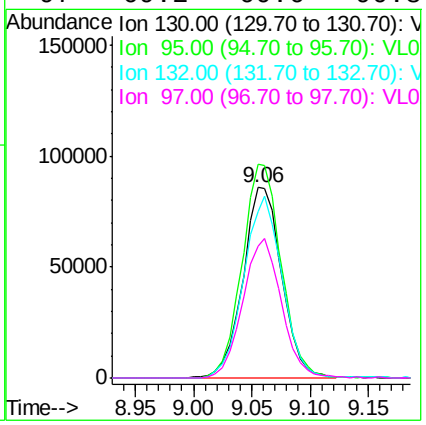


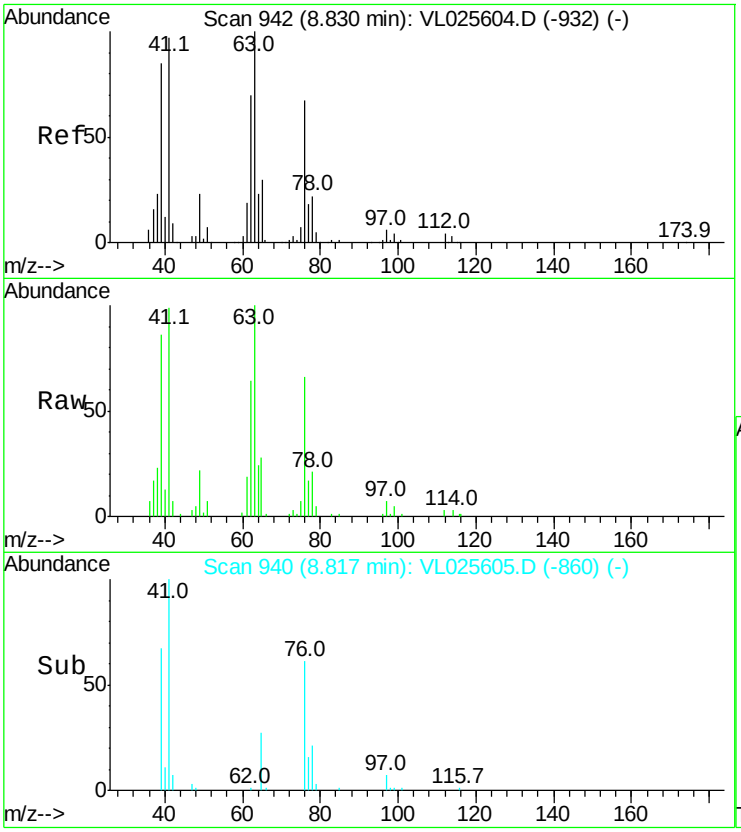


#38
Trichloroethene
Concen: 2.42 ppbv
RT: 9.06 min Scan# 979
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:130 Resp: 199815

Ion	Ratio	Lower	Upper
130	100		
95	112.1	94.2	141.4
132	87.4	78.6	118.0
97	69.2	60.6	90.8



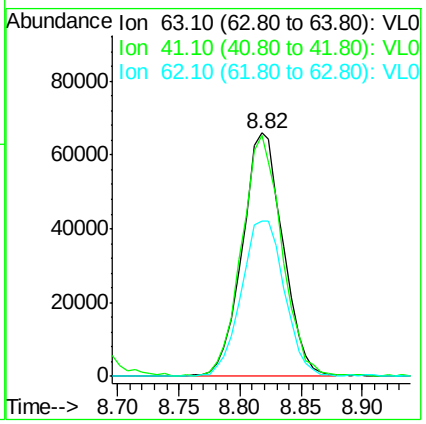


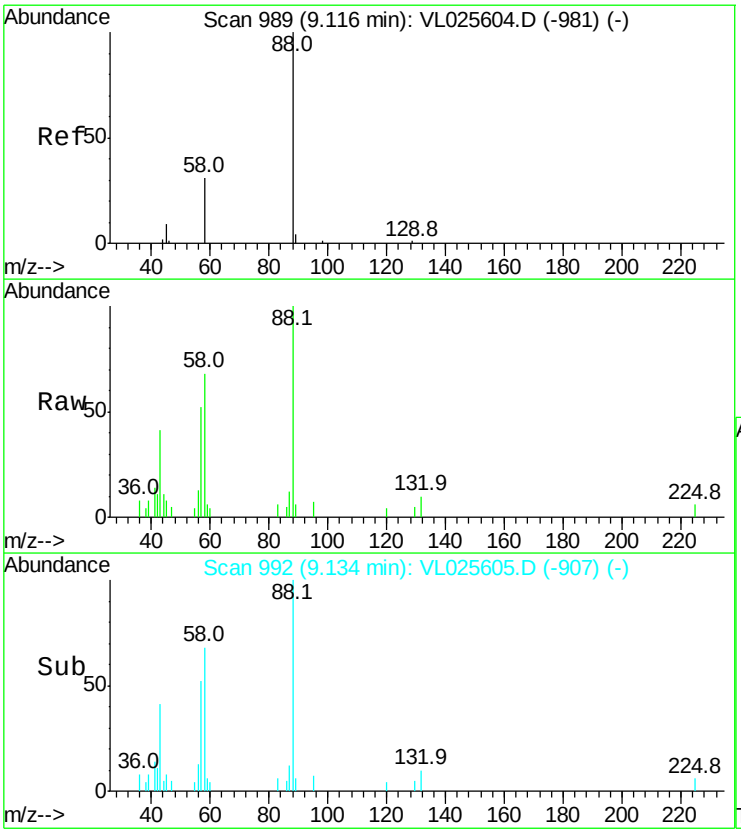
#39
1,2-Dichloropropane
Concen: 2.16 ppbv
RT: 8.82 min Scan# 940
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 153388

Ion	Ratio	Lower	Upper
63	100		
41	98.4	78.0	117.0
62	63.8	55.7	83.5

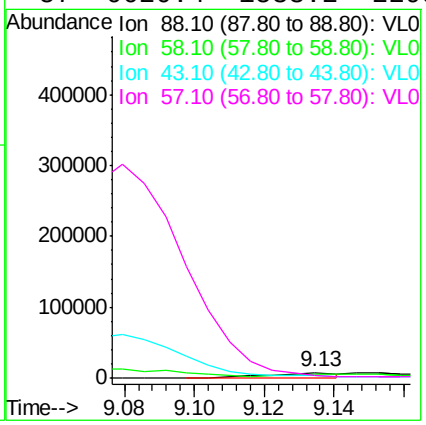


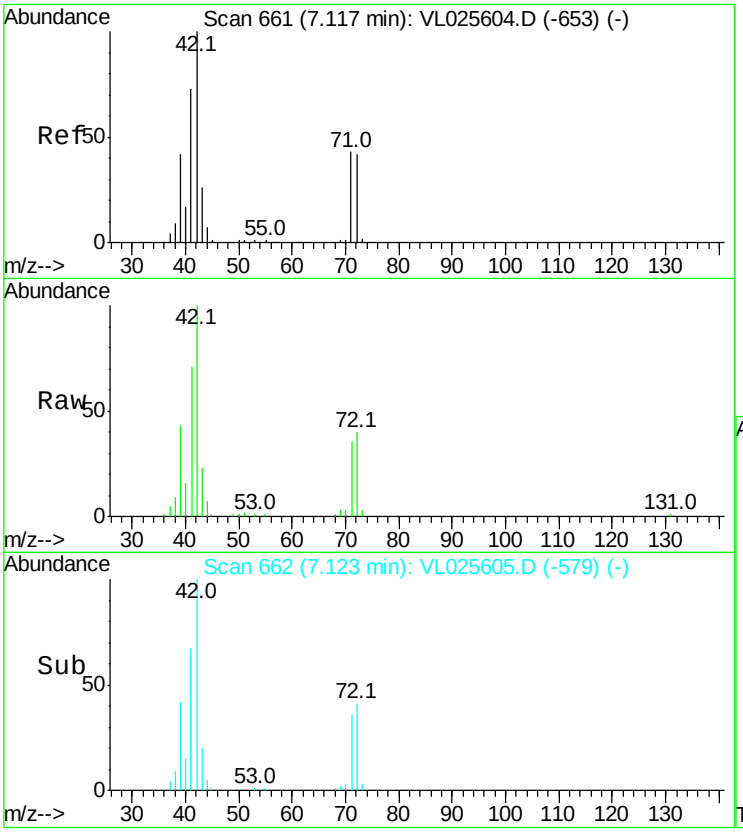


#40
1,4-Dioxane
Concen: 0.71 ppbv
RT: 9.13 min Scan# 992
Delta R.T. 0.02 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 88 Resp: 11186

Ion	Ratio	Lower	Upper
88	100		
58	450.0	127.1	190.7#
43	1377.2	337.7	506.5#
57	6620.4	1533.2	2299.8#



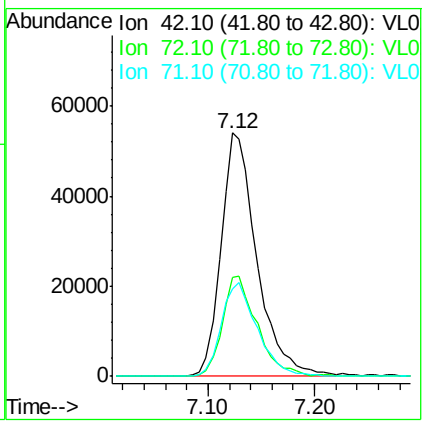


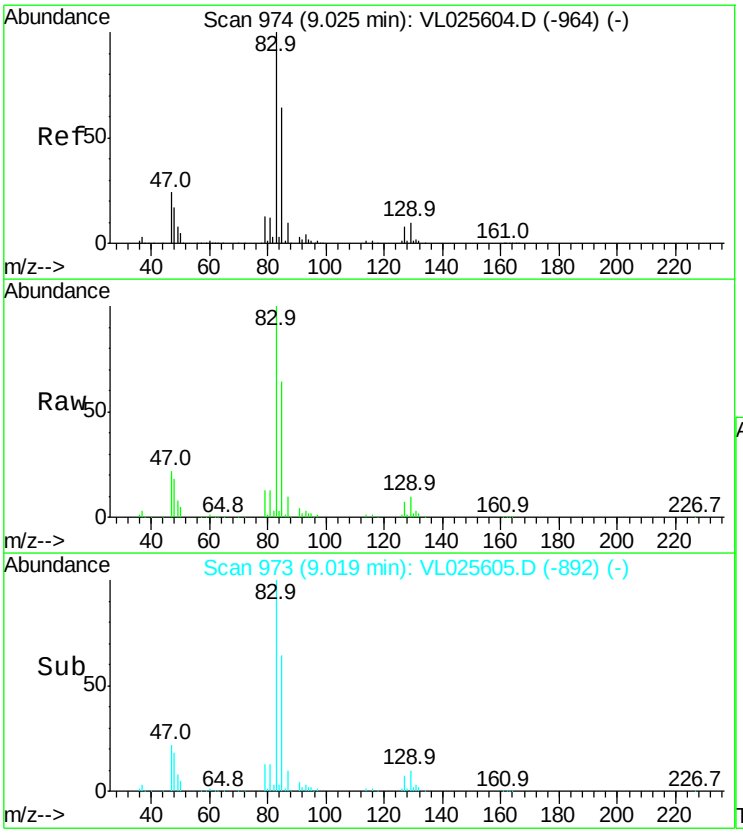
#41
Tetrahydrofuran
Concen: 2.05 ppbv
RT: 7.12 min Scan# 662
Delta R.T. 0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 42 Resp: 126682

Ion	Ratio	Lower	Upper
42	100		
72	40.0	34.0	51.0
71	38.8	33.0	49.6

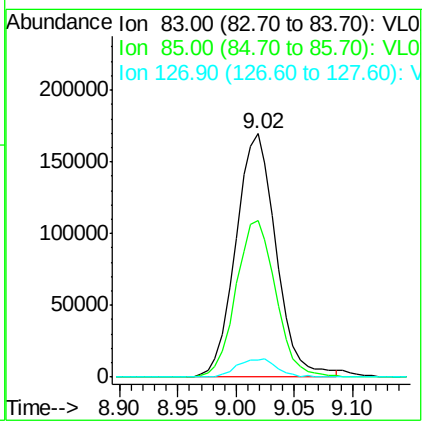


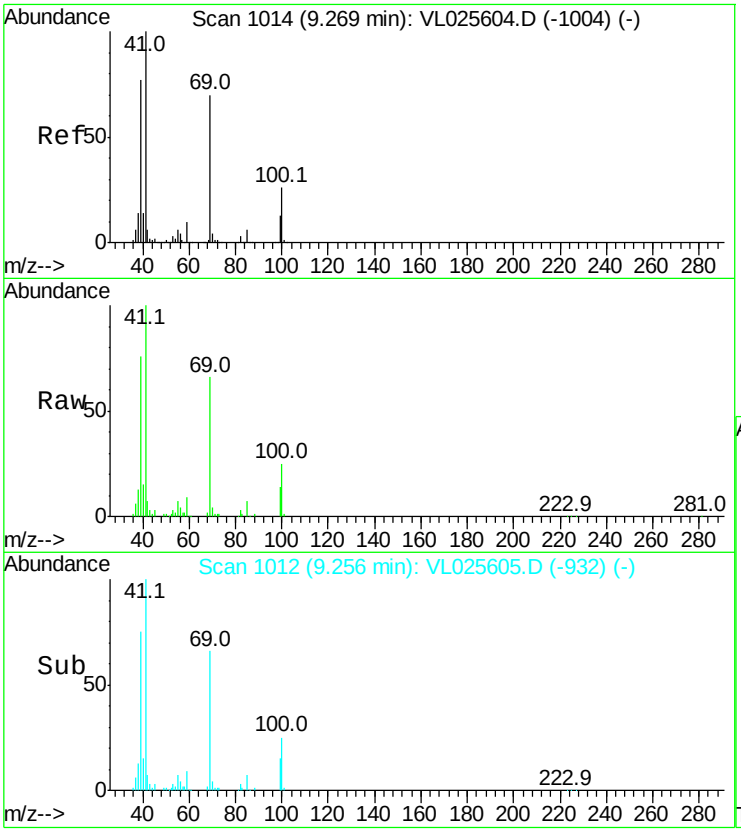


#42
Bromodichloromethane
Concen: 2.46 ppbv
RT: 9.02 min Scan# 973
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 83 Resp: 410017

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.3	76.9
127	7.1	6.0	9.0



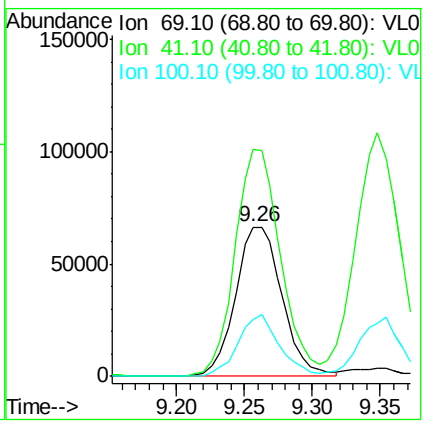


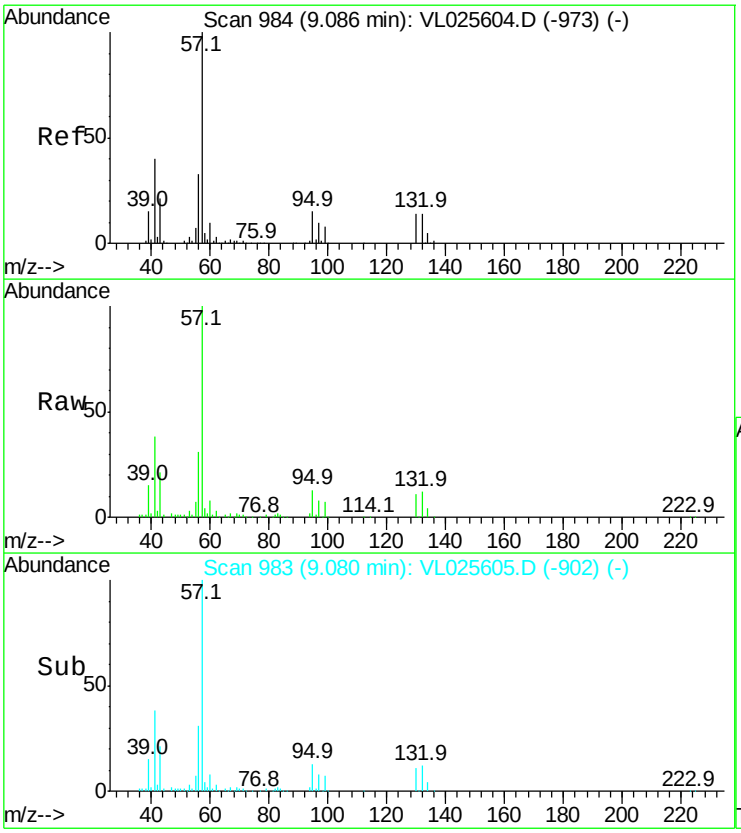
#43
Methyl Methacrylate
Concen: 2.24 ppbv
RT: 9.26 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 69 Resp: 159166

Ion	Ratio	Lower	Upper
69	100		
41	150.3	117.3	175.9
100	37.0	29.0	43.6

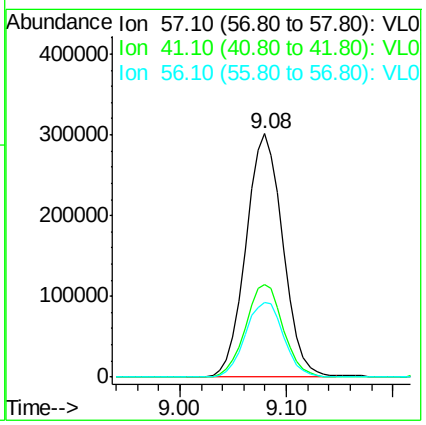


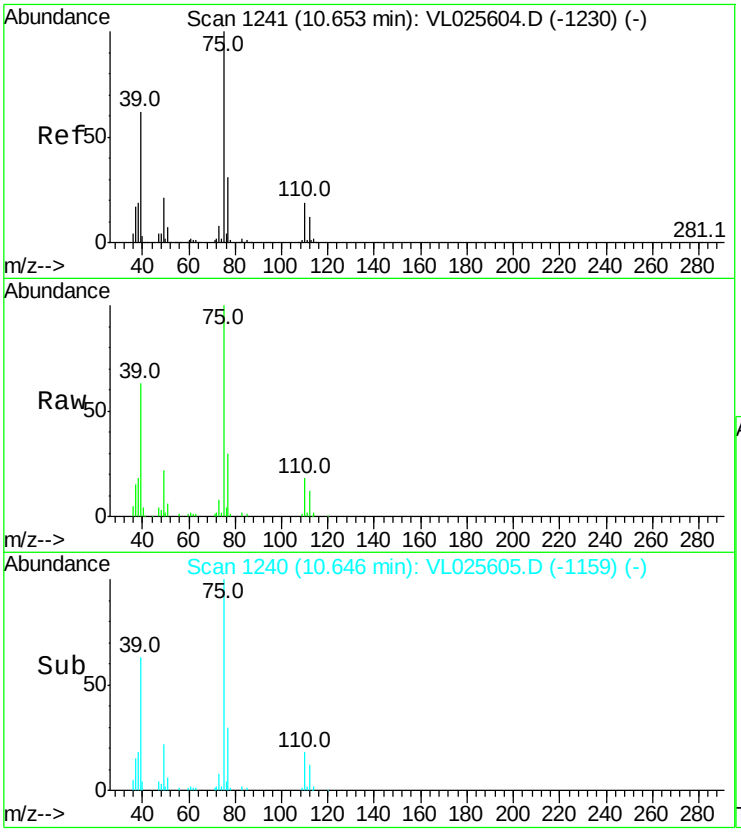


#44
2,2,4-Trimethylpentane
Concen: 2.23 ppbv
RT: 9.08 min Scan# 983
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 57 Resp: 735093

Ion	Ratio	Lower	Upper
57	100		
41	38.8	31.2	46.8
56	31.9	25.4	38.2



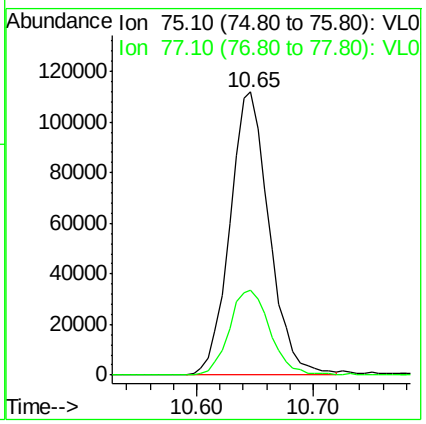


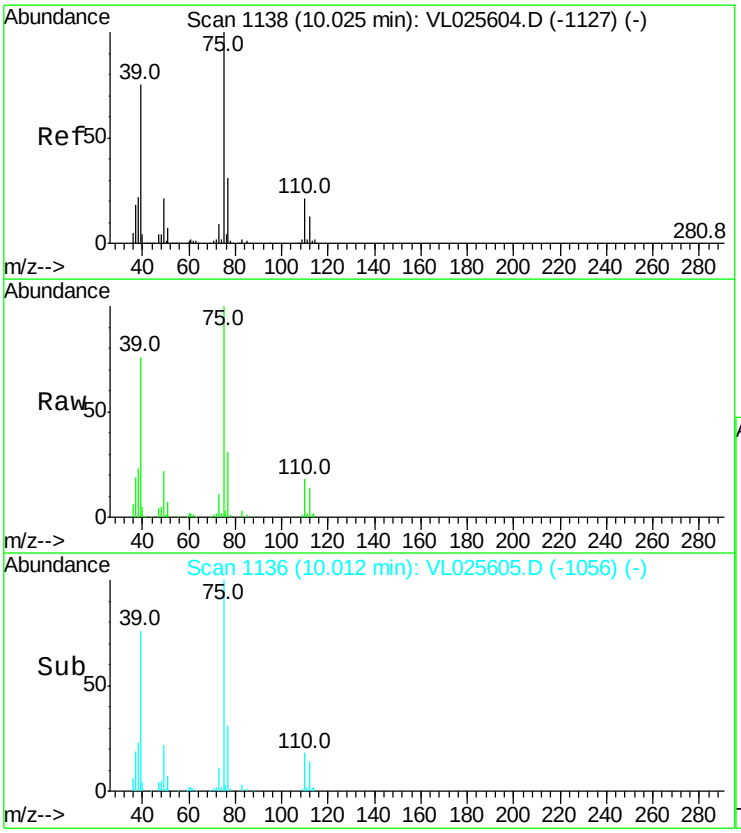
#45
t-1,3-Dichloropropene
Concen: 2.37 ppbv
RT: 10.65 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 263355

Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.6	37.0

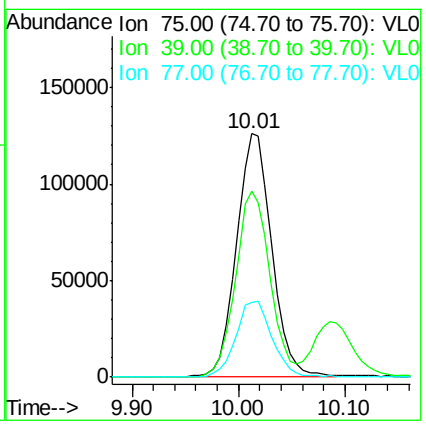


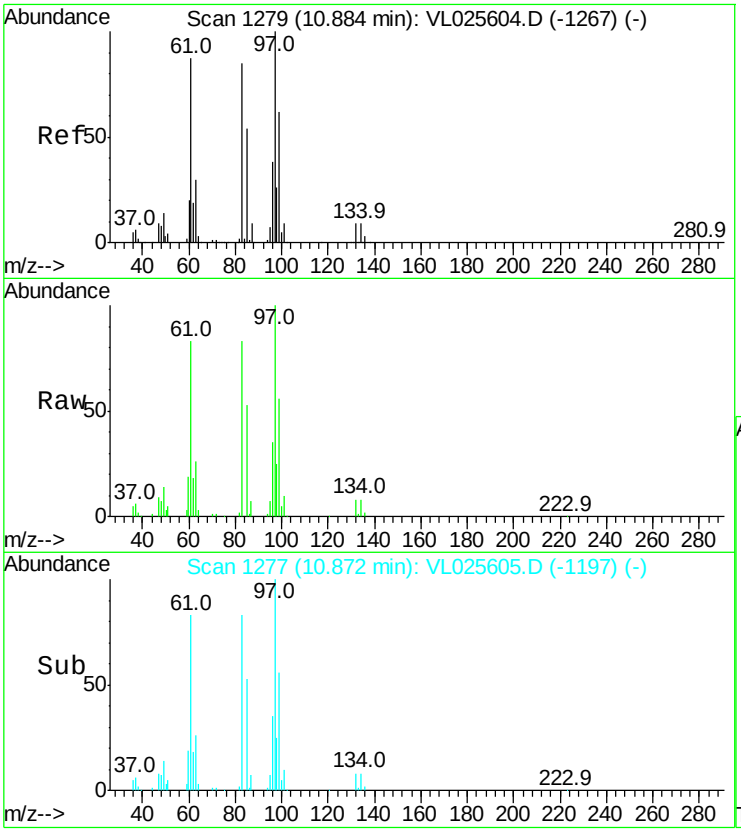


#46
cis-1,3-Dichloropropene
Concen: 2.28 ppbv
RT: 10.01 min Scan# 1136
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 75 Resp: 294076

Ion	Ratio	Lower	Upper
75	100		
39	76.4	60.4	90.6
77	30.9	24.6	37.0



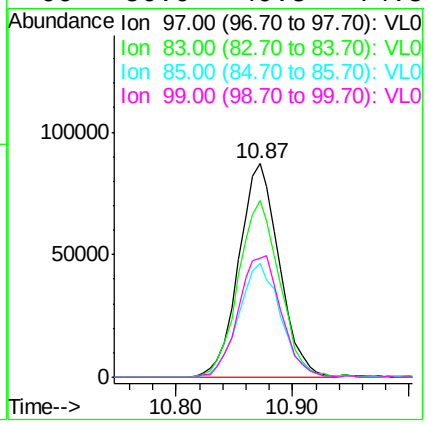


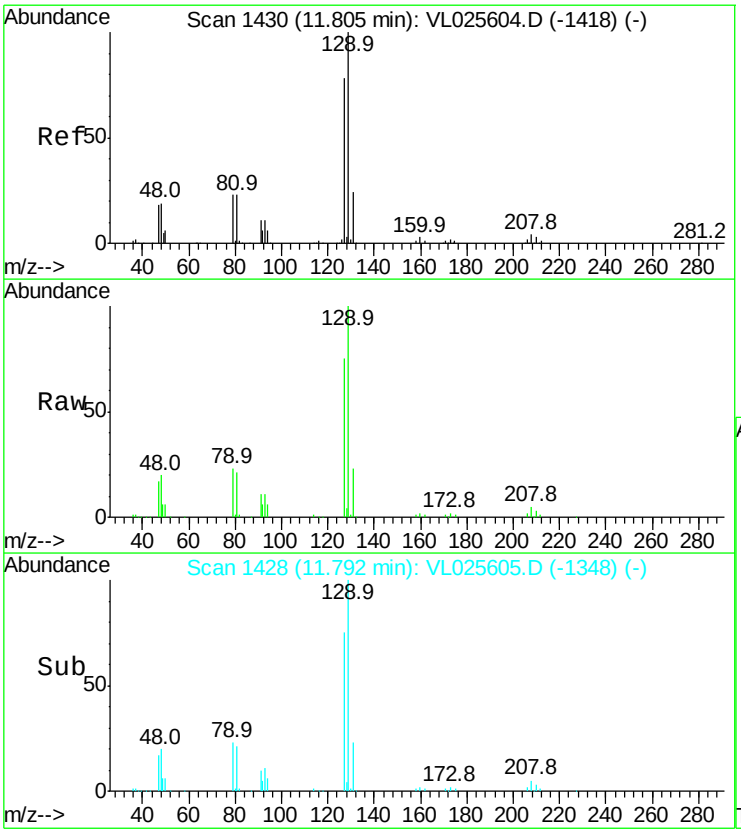
#47
1,1,2-Trichloroethane
Concen: 2.37 ppbv
RT: 10.87 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 97 Resp: 210907

Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.8	101.8
85	53.2	43.5	65.3
99	56.0	49.8	74.8

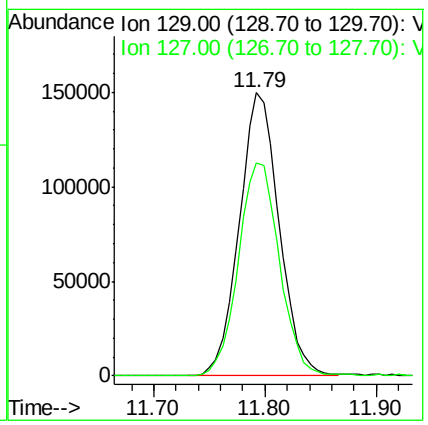


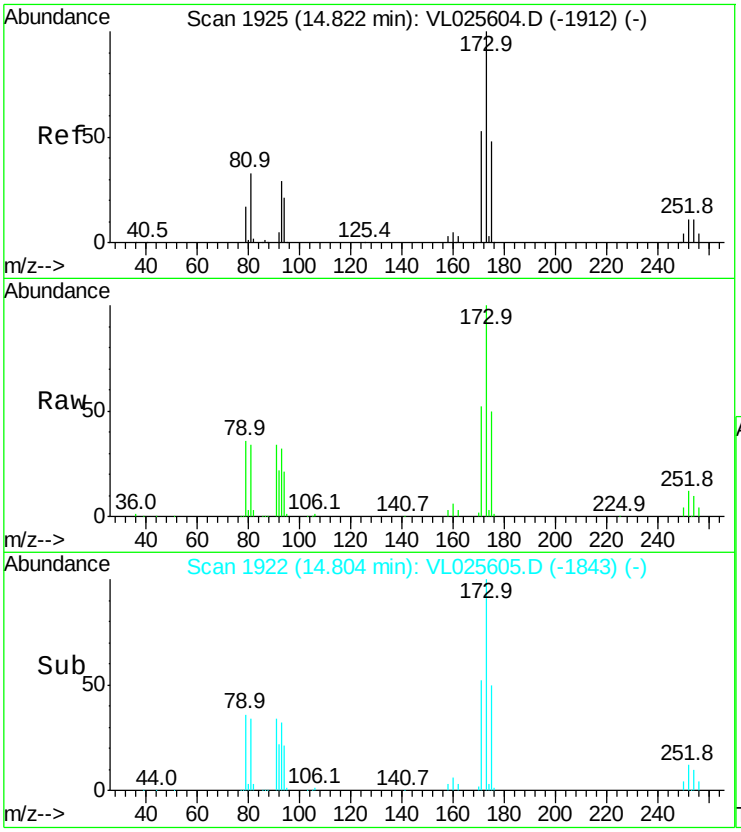


#48
Dibromochloromethane
Concen: 2.61 ppbv
RT: 11.79 min Scan# 1428
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:129 Resp: 372564

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.0	116.9



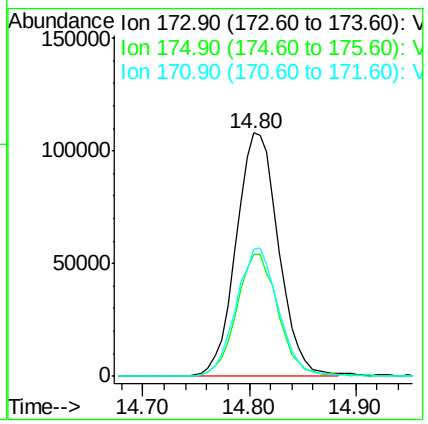


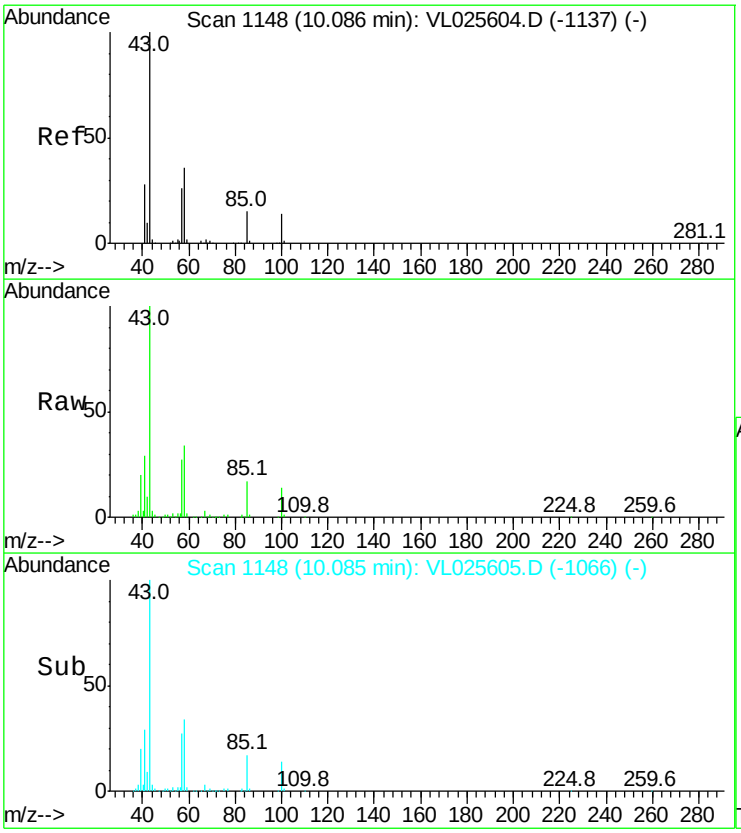
#49
Bromoform
Concen: 2.64 ppbv
RT: 14.80 min Scan# 1922
Delta R.T. -0.02 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 302073

Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.5	59.3
171	52.6	42.2	63.2

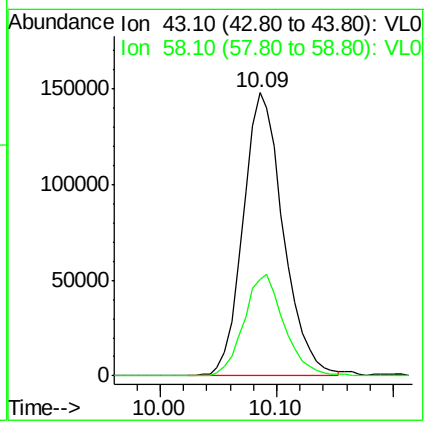


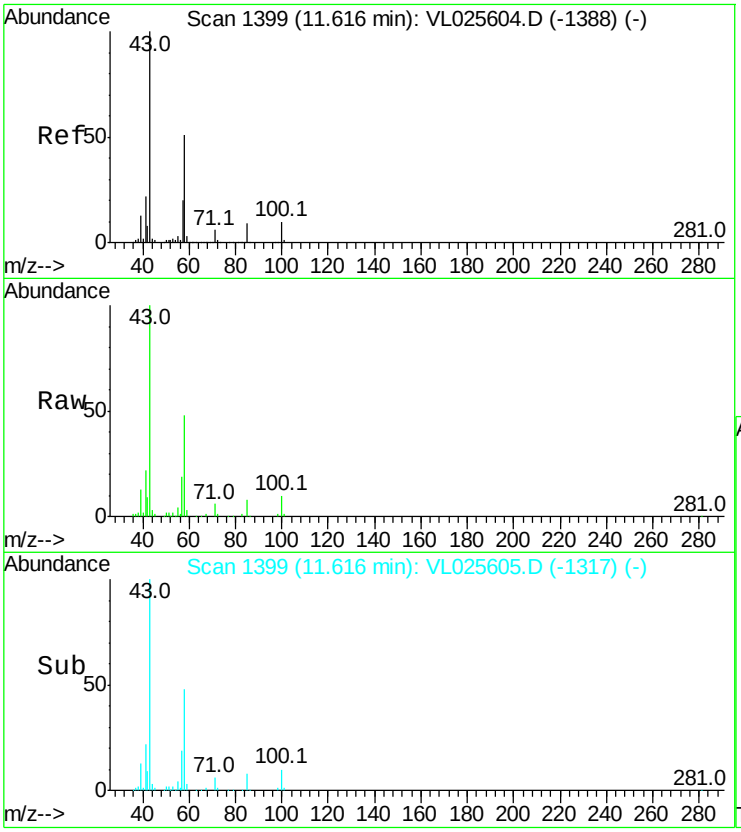


#50
4-Methyl-2-Pentanone
Concen: 2.28 ppbv
RT: 10.09 min Scan# 1148
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 43 Resp: 356358

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.5	42.7



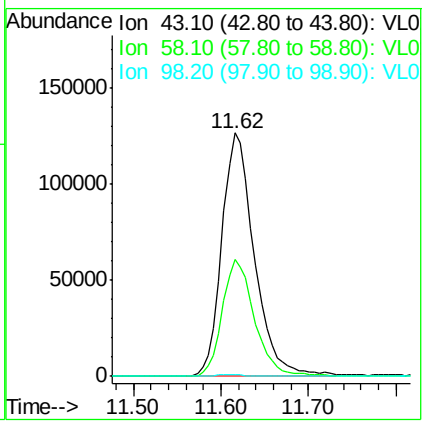


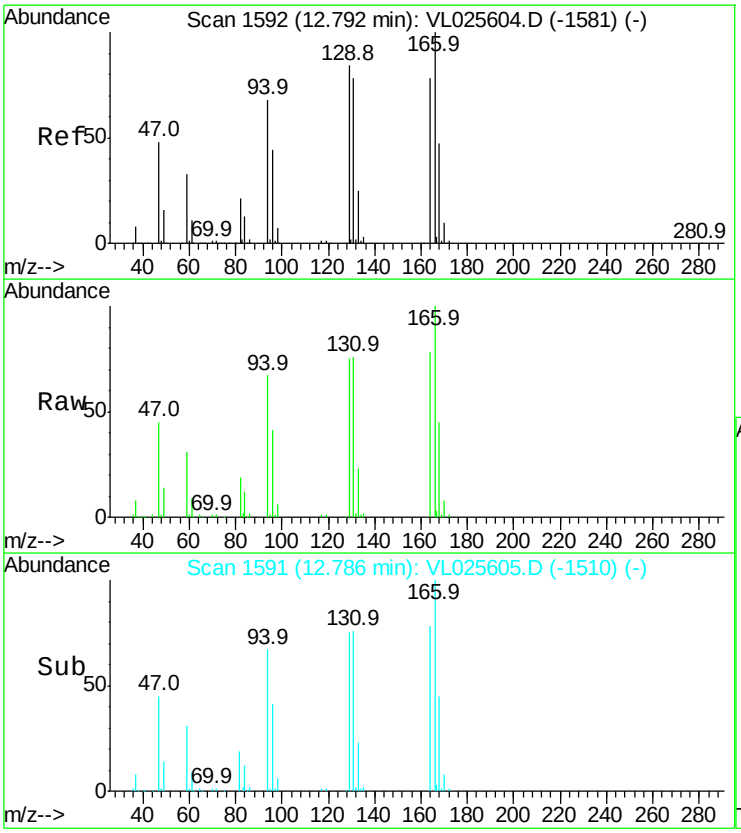
#51
2-Hexanone
Concen: 2.34 ppbv
RT: 11.62 min Scan# 1399
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 327367

Ion	Ratio	Lower	Upper
43	100		
58	47.7	39.0	58.6
98	0.6	0.2	0.4#

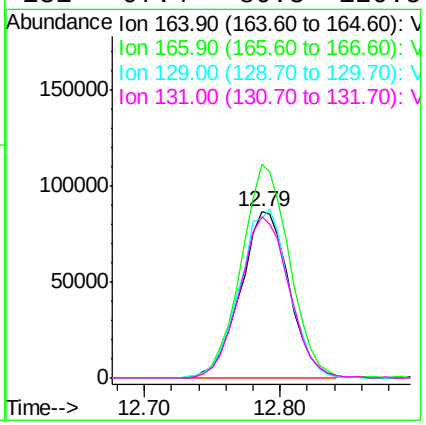


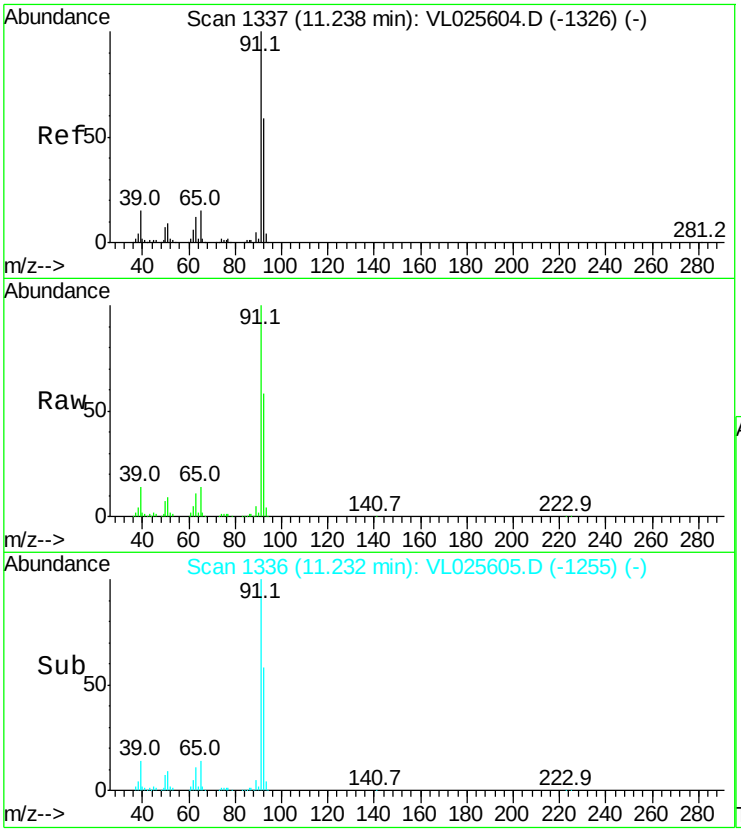


#52
Tetrachloroethene
Concen: 2.47 ppbv
RT: 12.79 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:164 Resp: 216574

Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.3	153.5
129	96.3	86.2	129.4
131	97.4	80.3	120.5



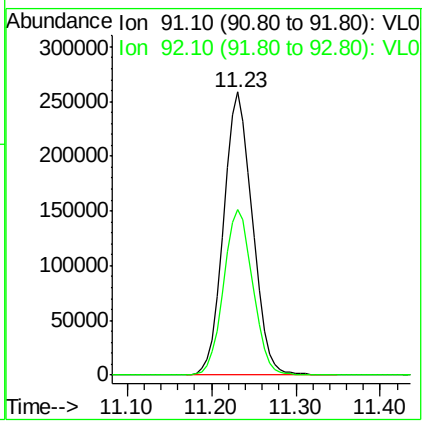


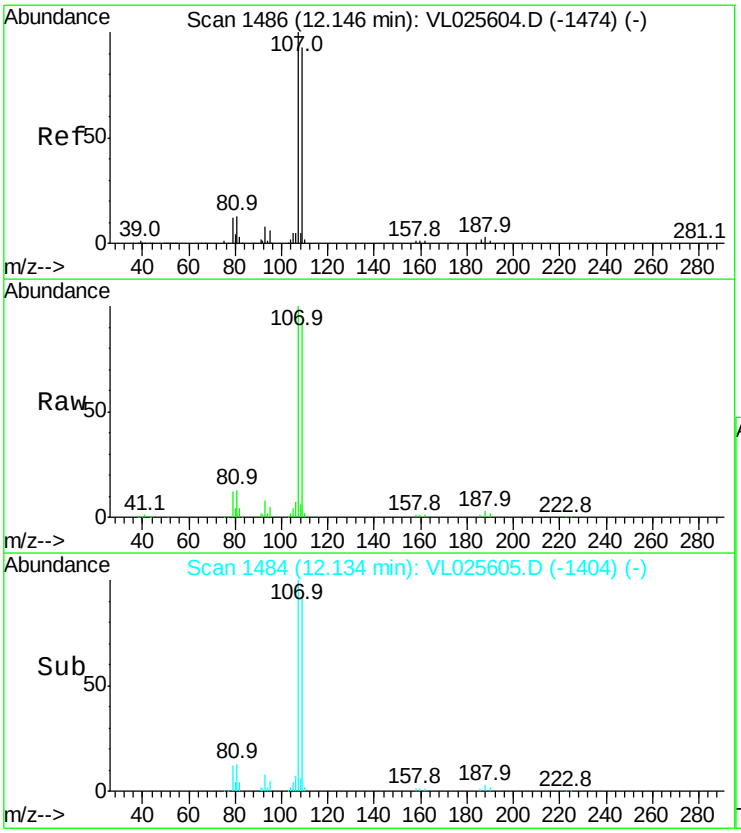
#53
Toluene
Concen: 2.39 ppbv
RT: 11.23 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 602471

Ion	Ratio	Lower	Upper
91	100		
92	59.4	48.2	72.2

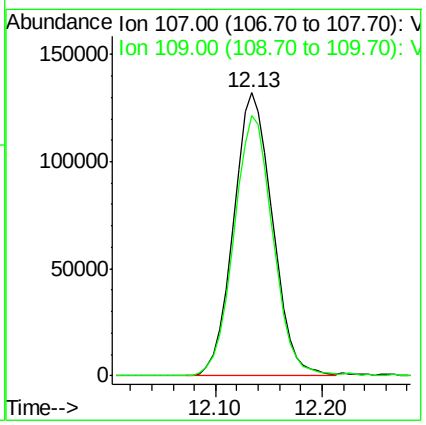


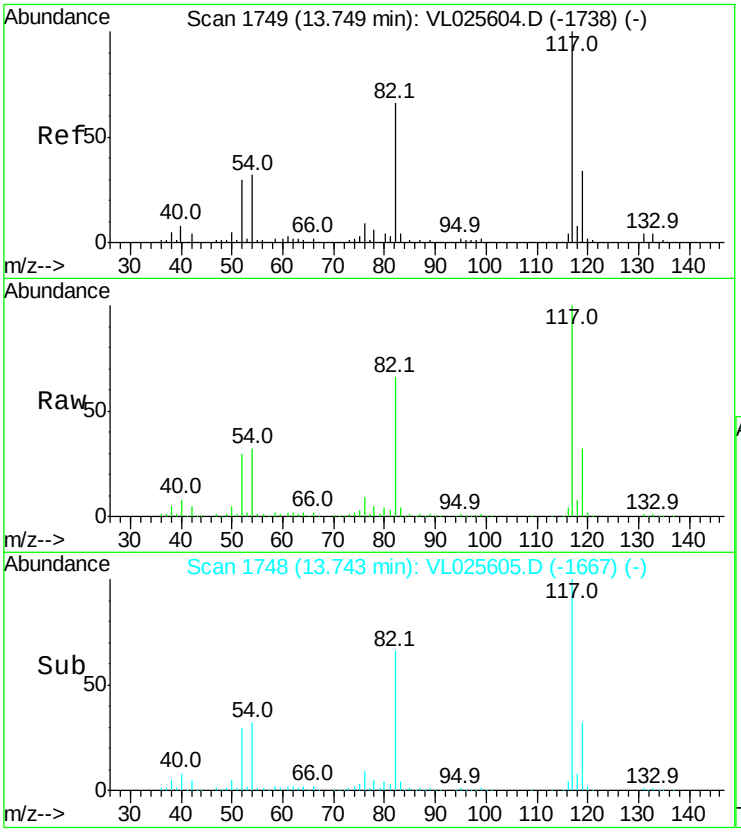


#54
1,2-Dibromoethane
Concen: 2.50 ppbv
RT: 12.13 min Scan# 1484
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:107 Resp: 340426

Ion	Ratio	Lower	Upper
107	100		
109	92.0	74.1	111.1



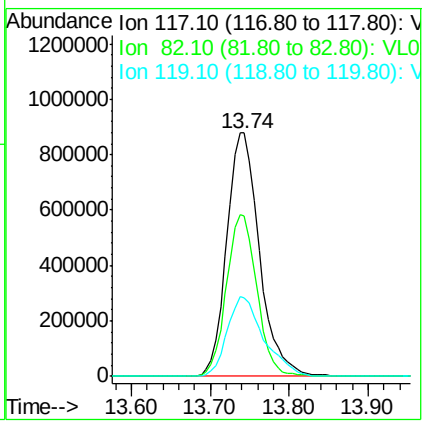


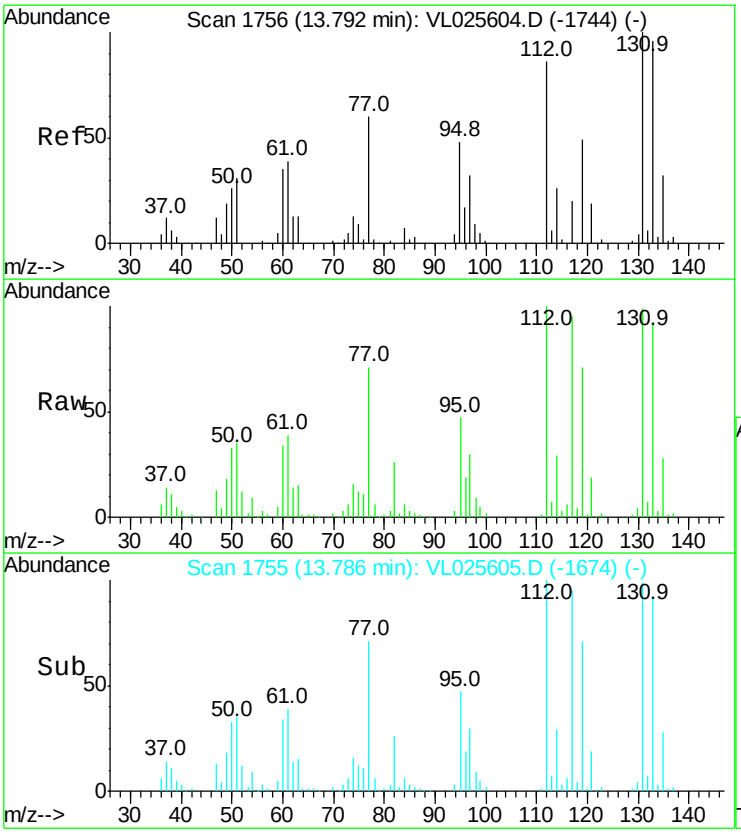
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.74 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 2530178

Ion	Ratio	Lower	Upper
117	100		
82	62.2	50.5	75.7
119	37.0	45.1	67.7#

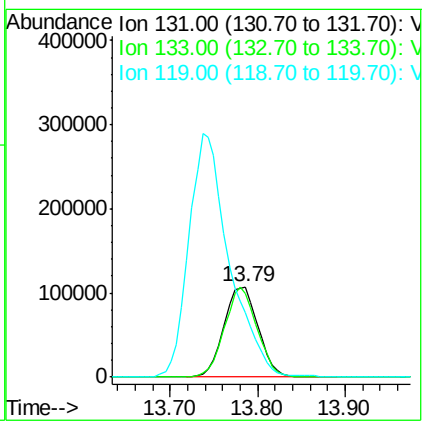


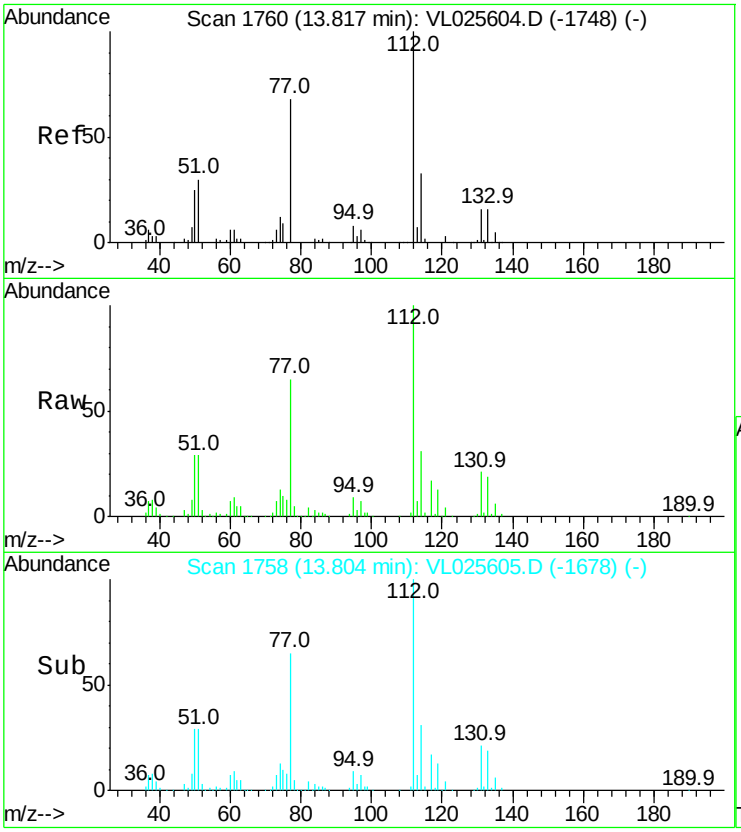


#56
1,1,1,2-Tetrachloroethane
Concen: 2.43 ppbv
RT: 13.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:131 Resp: 292021

Ion	Ratio	Lower	Upper
131	100		
133	94.6	76.9	115.3
119	320.9	97.8	146.8#



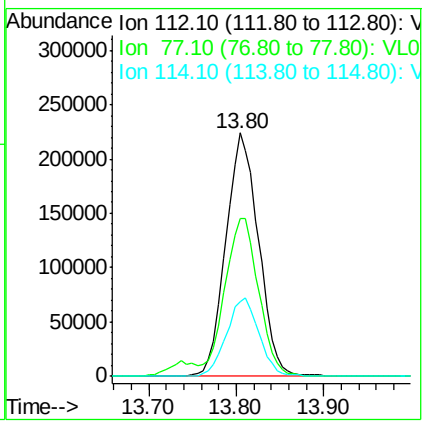


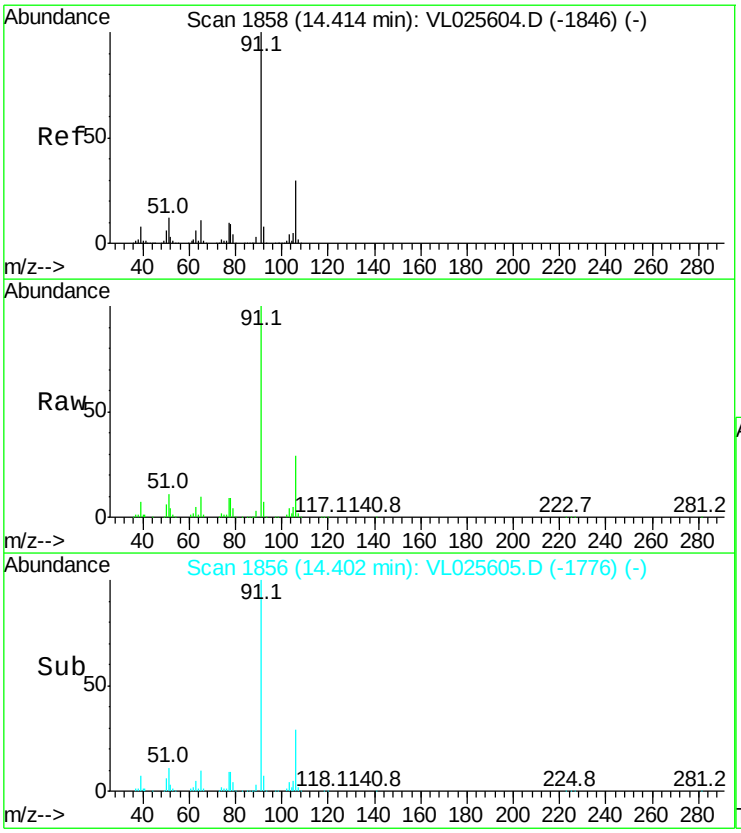
#57
Chlorobenzene
Concen: 2.35 ppbv
RT: 13.80 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 582106

Ion	Ratio	Lower	Upper
112	100		
77	64.6	55.2	82.8
114	30.8	29.4	36.0

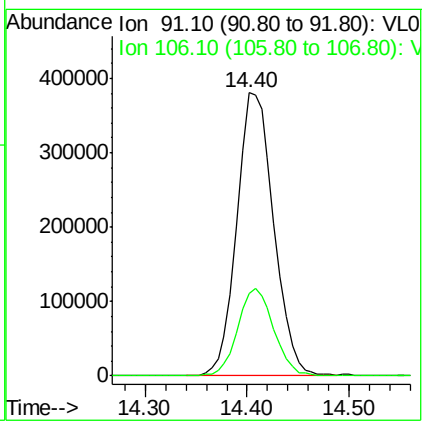


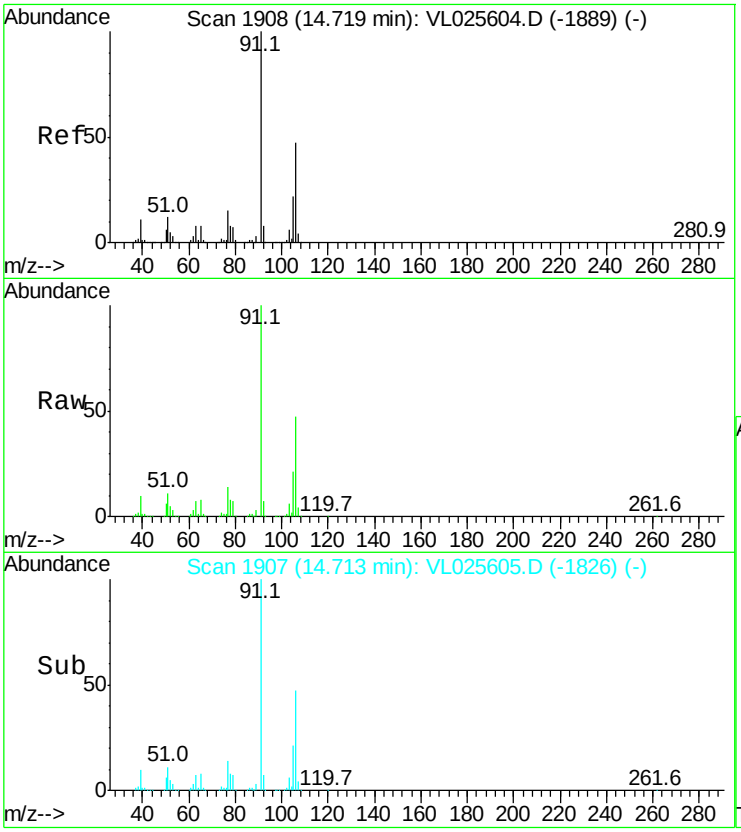


#58
Ethyl Benzene
Concen: 2.37 ppbv
RT: 14.40 min Scan# 1856
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 91 Resp: 956518

Ion	Ratio	Lower	Upper
91	100		
106	28.9	24.2	36.2



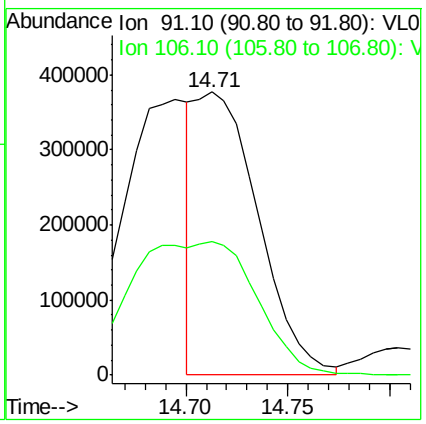


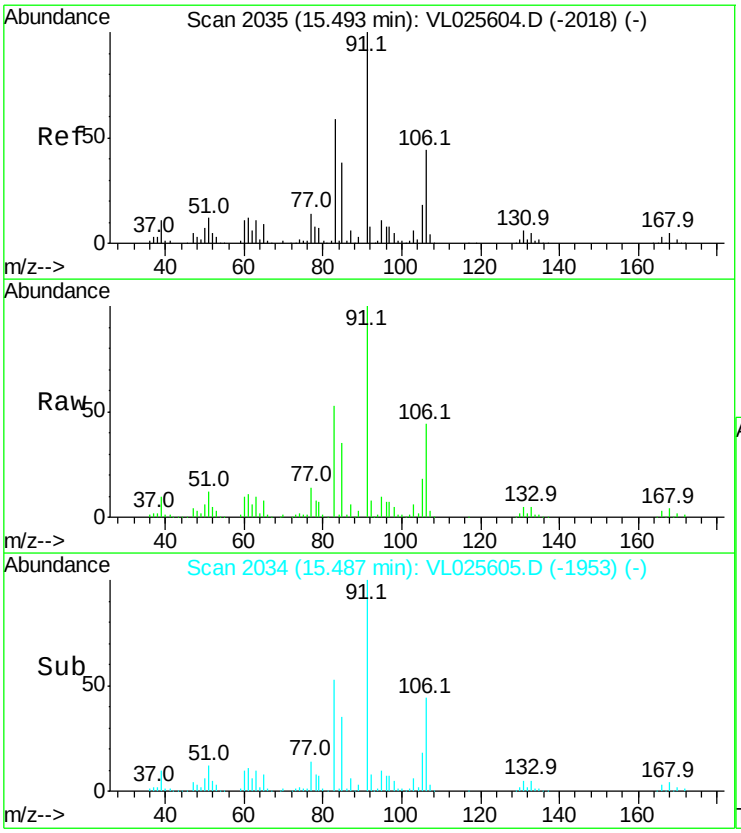
#59
m/p-Xylene
Concen: 2.38 ppbv
RT: 14.71 min Scan# 1907
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 800531

Ion	Ratio	Lower	Upper
91	100		
106	96.7	37.9	56.9#

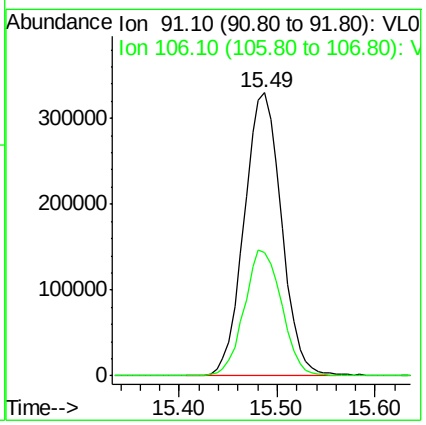


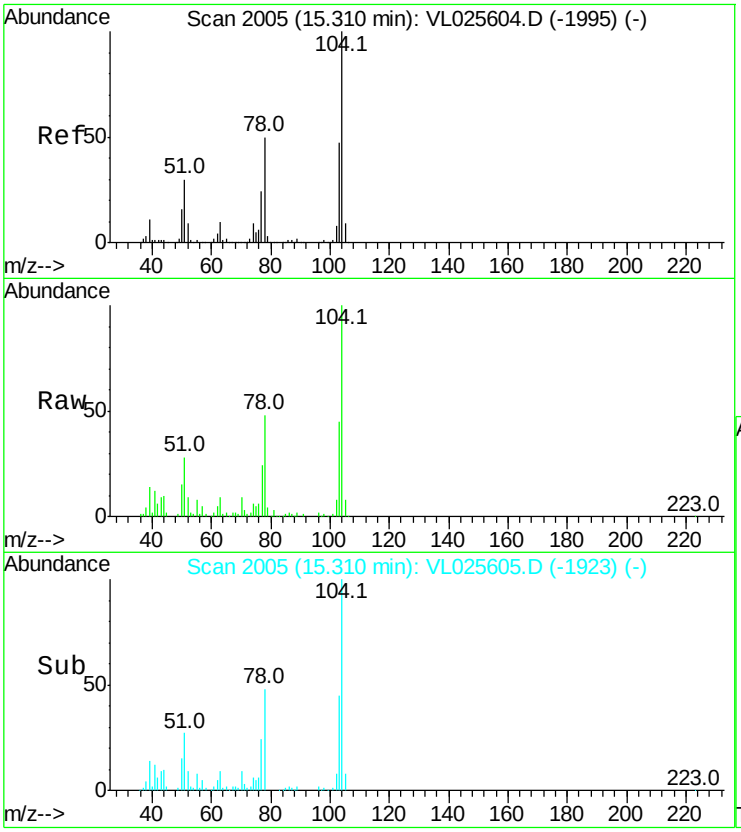


#60
o-Xylene
Concen: 2.45 ppbv
RT: 15.49 min Scan# 2034
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 91 Resp: 877604

Ion	Ratio	Lower	Upper
91	100		
106	44.8	22.1	66.1



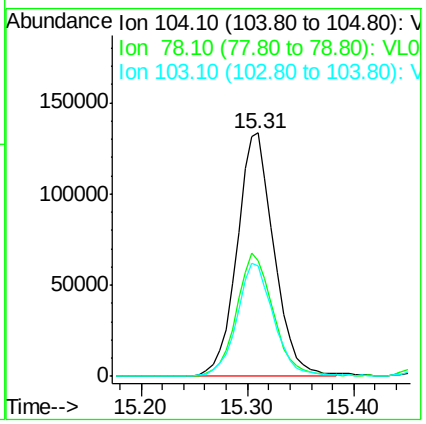


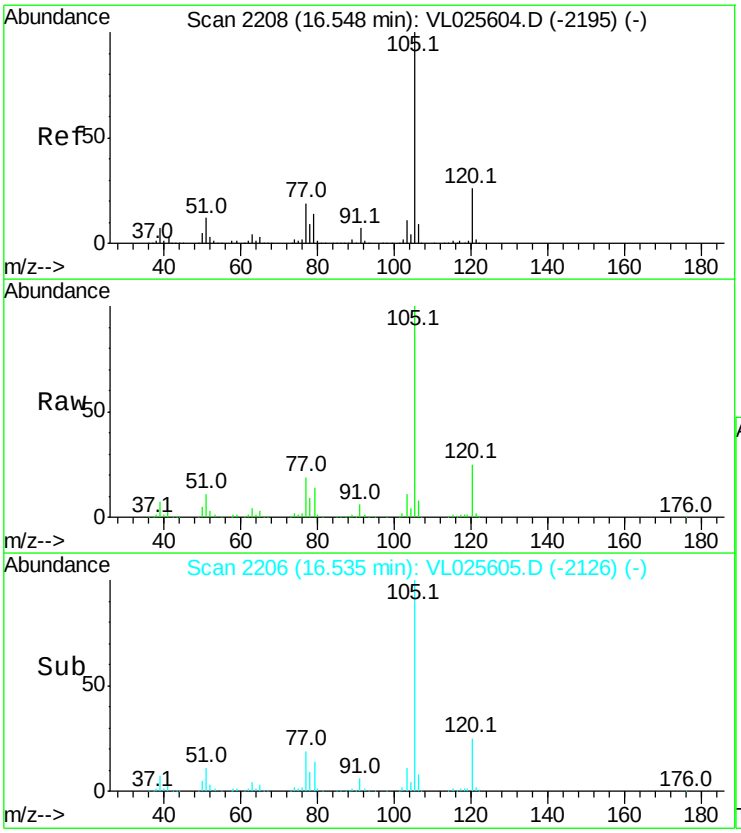
#61
Styrene
Concen: 2.38 ppbv
RT: 15.31 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 324882

Ion	Ratio	Lower	Upper
104	100		
78	50.2	40.2	60.4
103	46.4	37.4	56.2

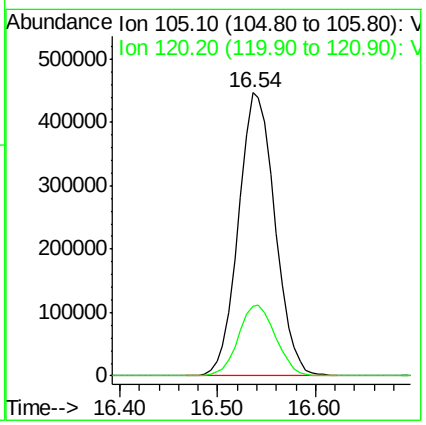


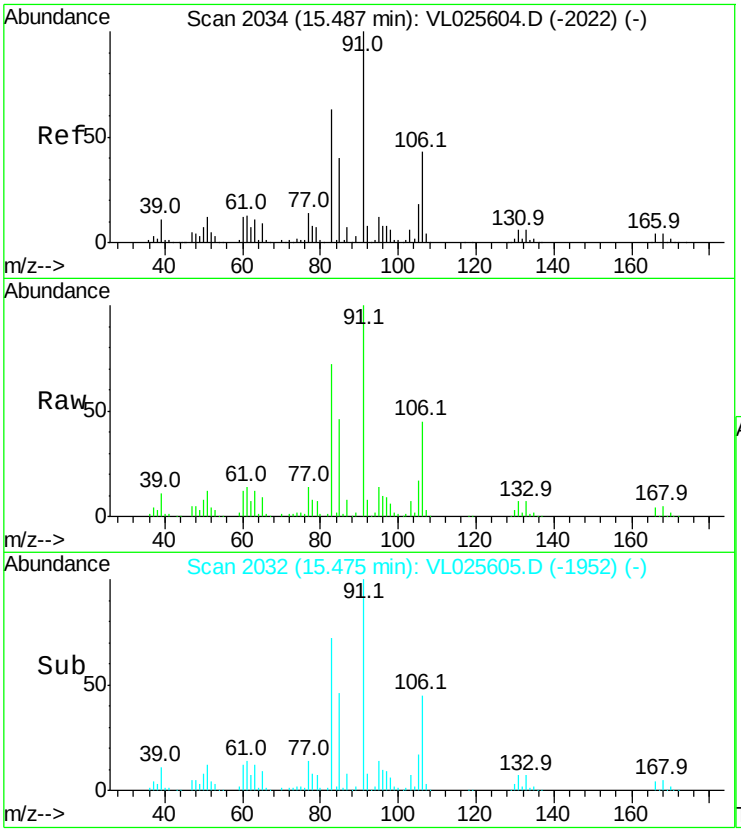


#62
Isopropylbenzene
Concen: 2.46 ppbv
RT: 16.54 min Scan# 2206
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:105 Resp: 1158047

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.6	31.0



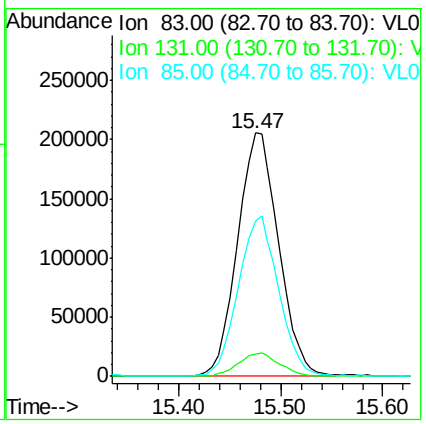


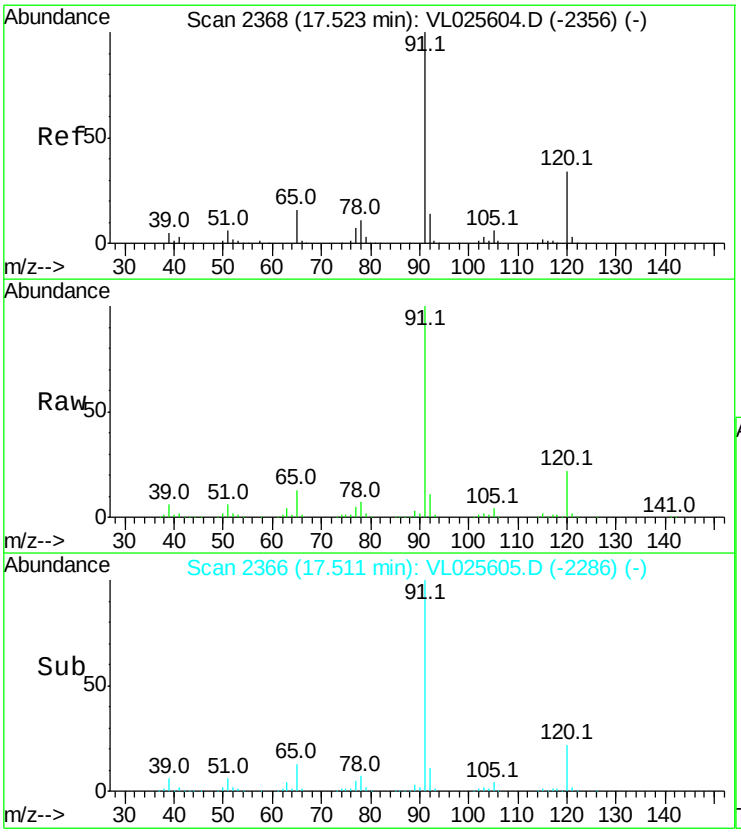
#63
1,1,2,2-Tetrachloroethane
Concen: 2.27 ppbv
RT: 15.47 min Scan# 2032
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 83 Resp: 575428

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.8	14.4
85	65.0	32.4	97.2

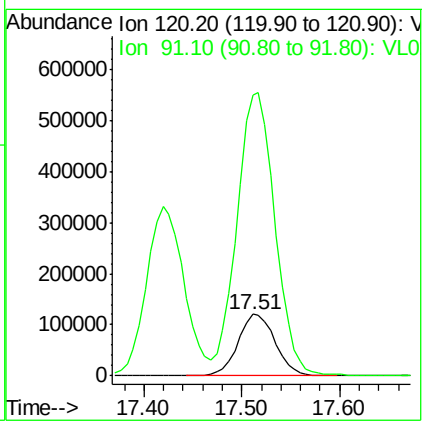


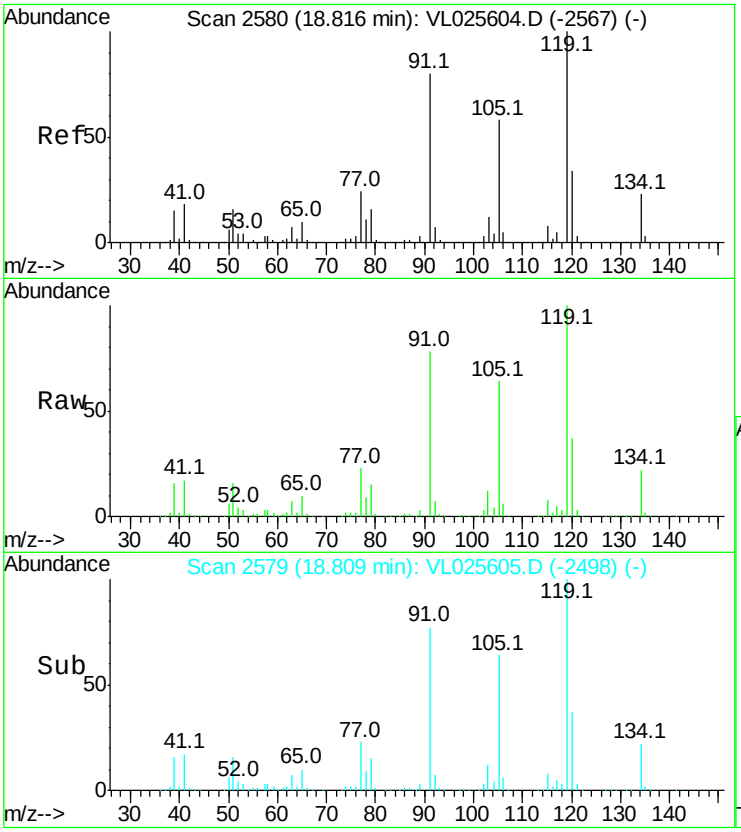


#64
n-propylbenzene
Concen: 2.55 ppbv
RT: 17.51 min Scan# 2366
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:120 Resp: 318607

Ion	Ratio	Lower	Upper
120	100		
91	464.0	370.5	555.7



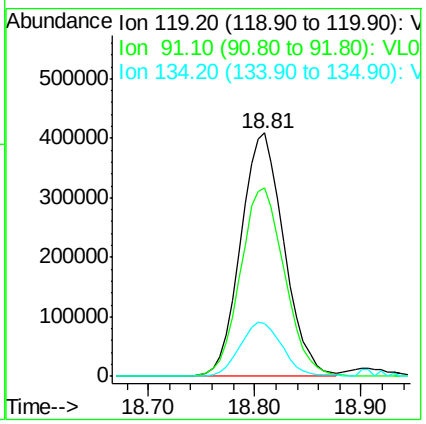


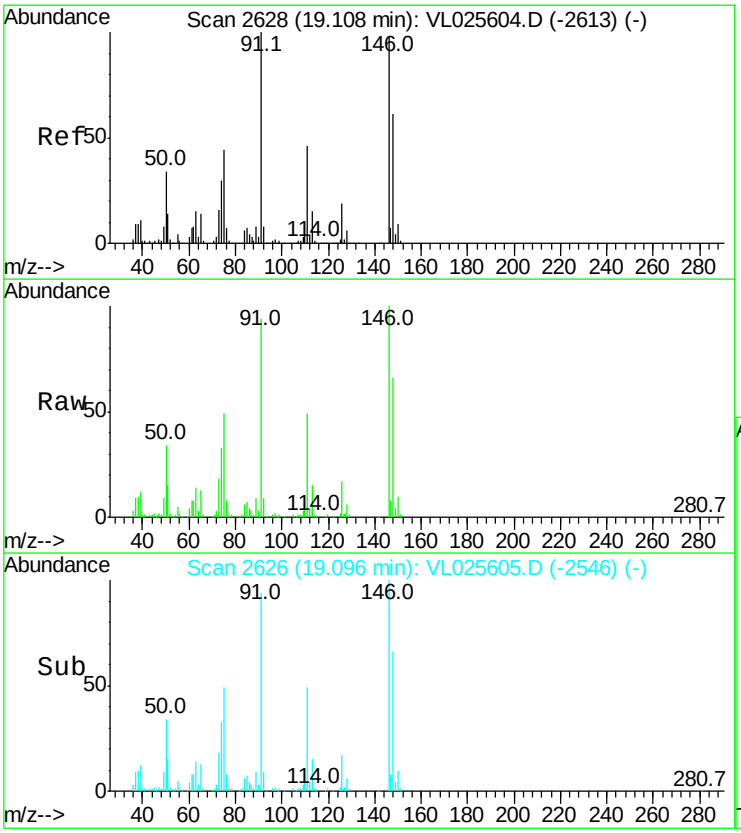
#65
tert-Butylbenzene
Concen: 2.66 ppbv
RT: 18.81 min Scan# 2579
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1166634

Ion	Ratio	Lower	Upper
119	100		
91	79.5	64.5	96.7
134	21.7	17.4	26.0

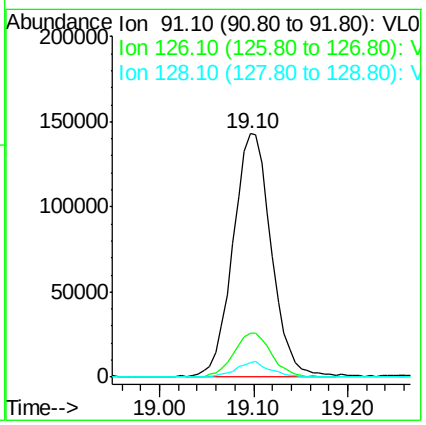


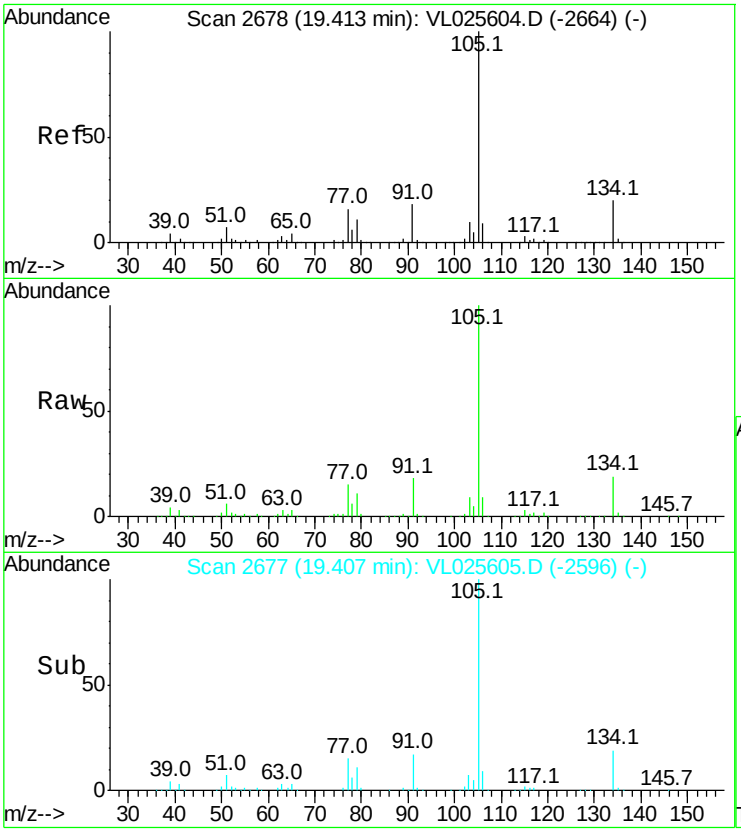


#66
Benzyl Chloride
Concen: 2.69 ppbv
RT: 19.10 min Scan# 2626
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 91 Resp: 403986

Ion	Ratio	Lower	Upper
91	100		
126	18.1	14.5	21.7
128	5.7	4.6	7.0



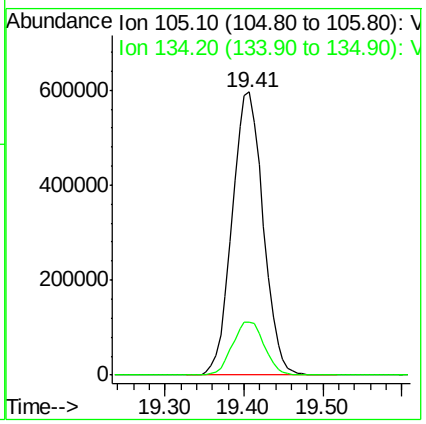


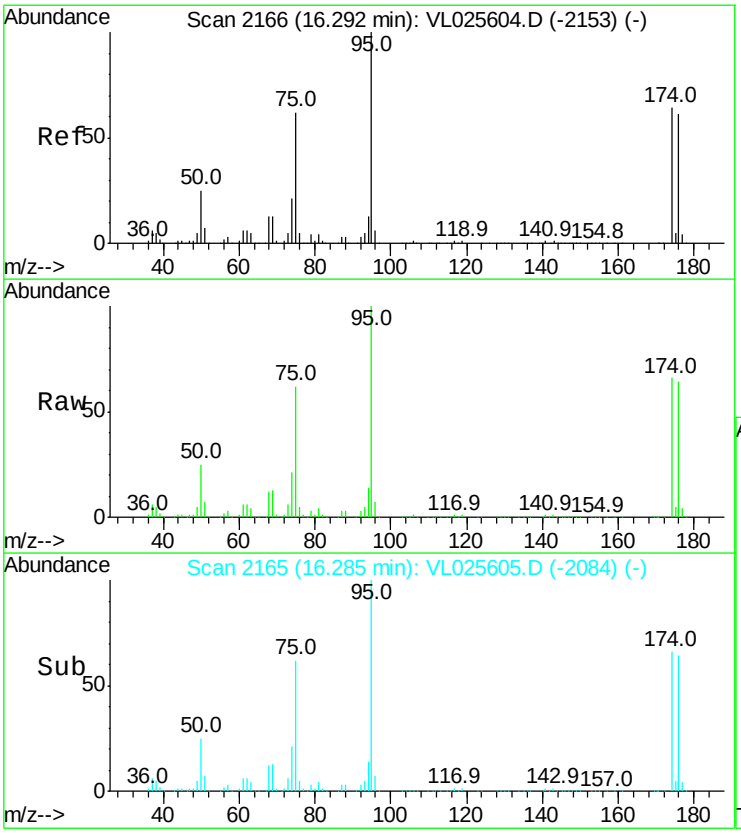
#67
sec-Butylbenzene
Concen: 2.66 ppbv
RT: 19.41 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:105 Resp: 1638356

Ion	Ratio	Lower	Upper
105	100		
134	19.3	15.4	23.2

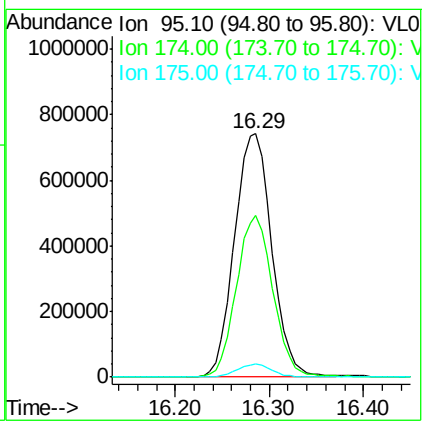


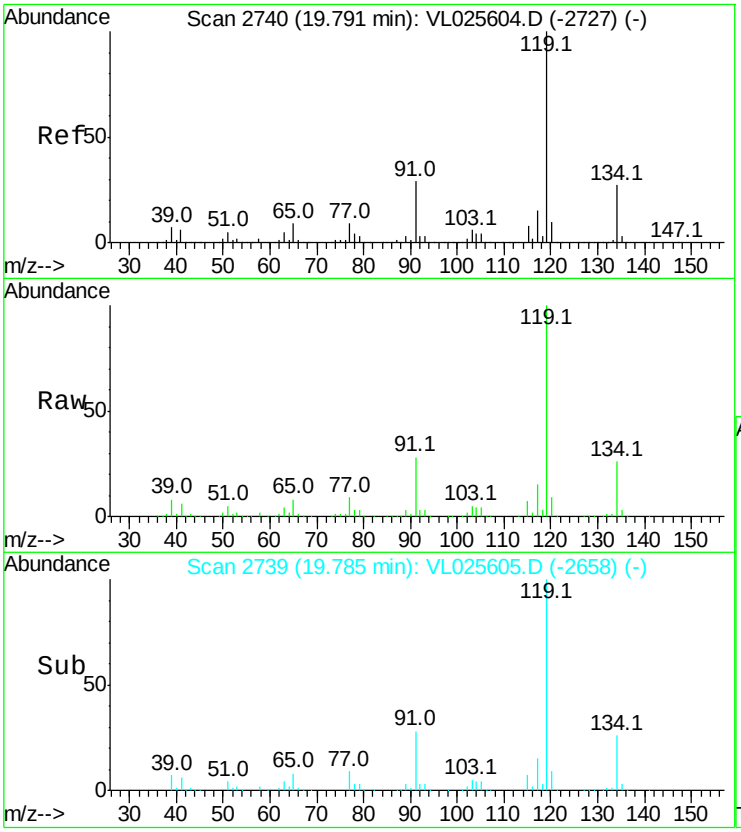


#68
1-Bromo-4-Fluorobenzene
Concen: 9.85 ppbv
RT: 16.29 min Scan# 2165
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 95 Resp: 2058947

Ion	Ratio	Lower	Upper
95	100		
174	65.3	52.0	78.0
175	5.0	3.9	5.9



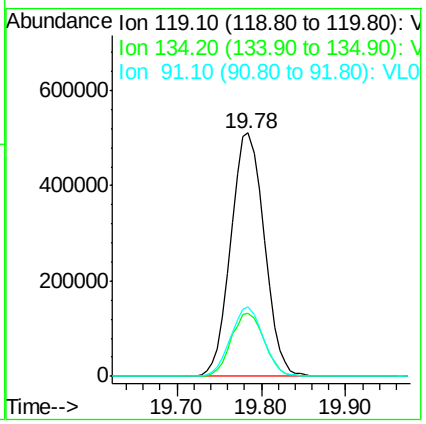


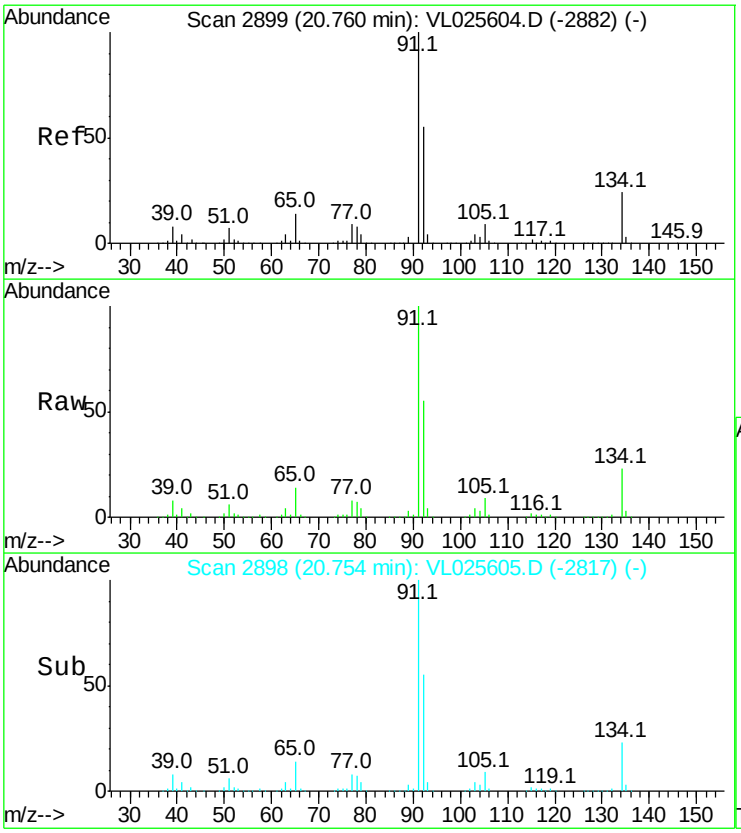
#69
p-Isopropyltoluene
Concen: 2.75 ppbv
RT: 19.78 min Scan# 2739
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1378726

Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.7	31.1
91	28.1	22.6	34.0

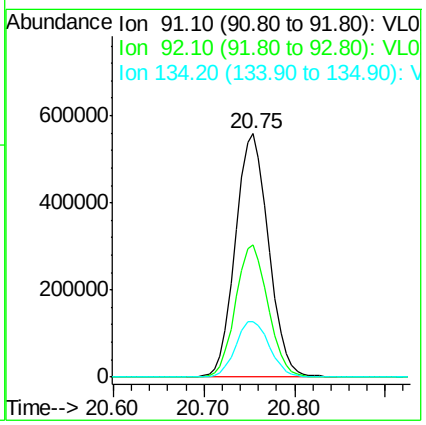


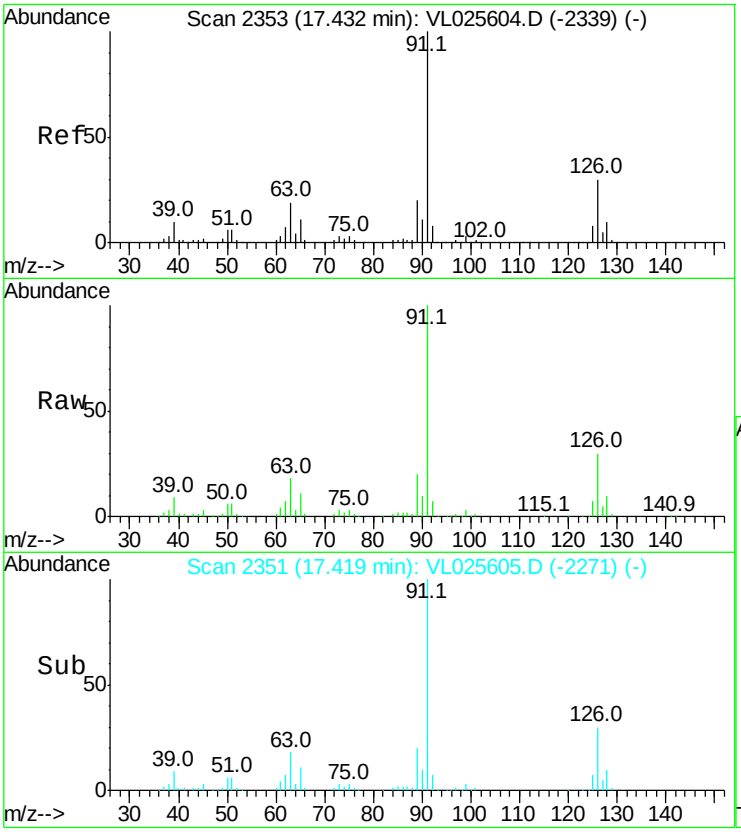


#70
n-Butylbenzene
Concen: 2.91 ppbv
RT: 20.75 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion: 91 Resp: 1418699

Ion	Ratio	Lower	Upper
91	100		
92	53.5	44.3	66.5
134	23.4	19.4	29.2



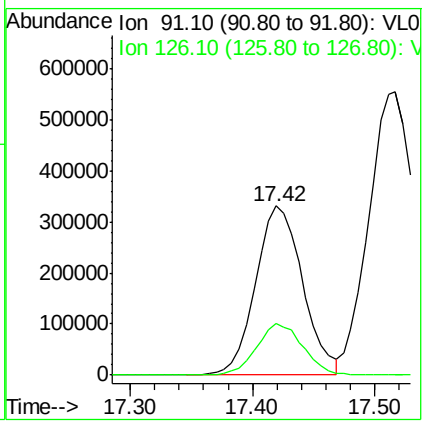


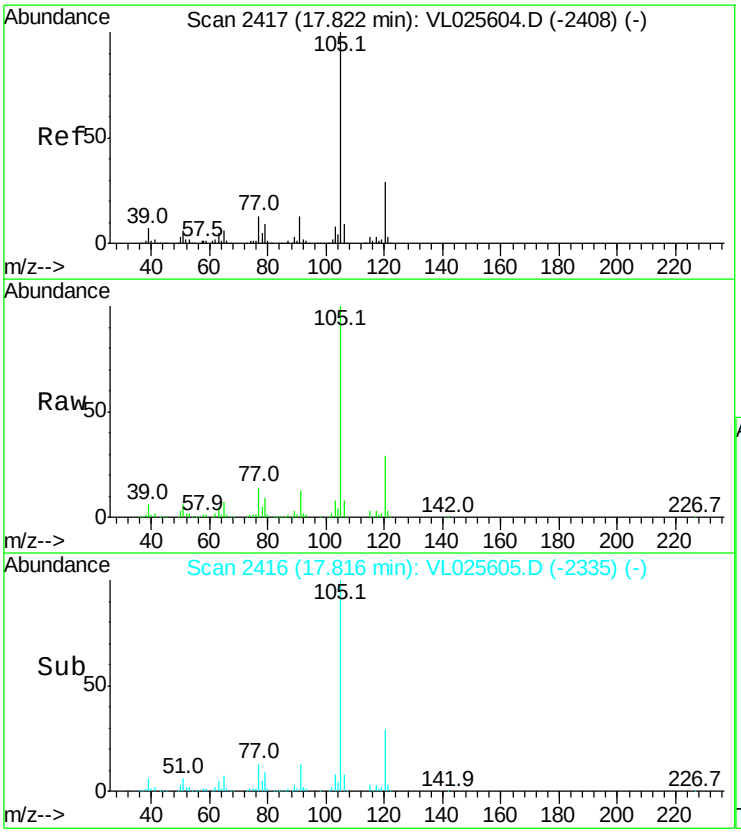
#71
2-Chlorotoluene
Concen: 2.53 ppbv
RT: 17.42 min Scan# 2351
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 889001

Ion	Ratio	Lower	Upper
91	100		
126	30.2	12.2	49.0

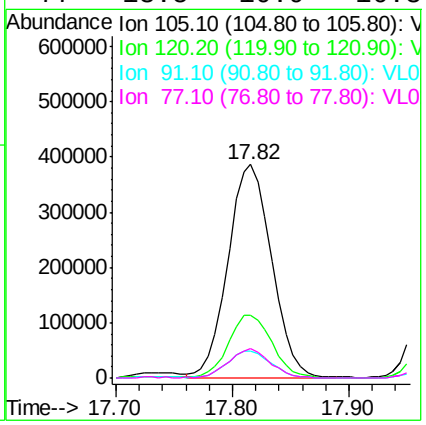


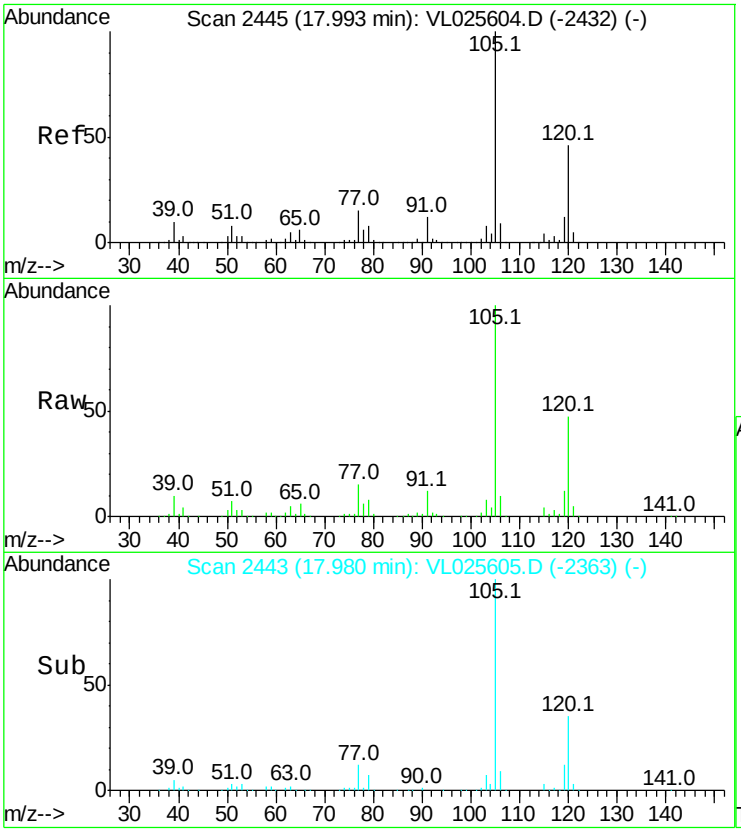


#72
4-Ethyltoluene
Concen: 2.58 ppbv
RT: 17.82 min Scan# 2416
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:105 Resp: 1009618

Ion	Ratio	Lower	Upper
105	100		
120	30.4	23.9	35.9
91	13.6	10.3	15.5
77	13.5	10.9	16.3



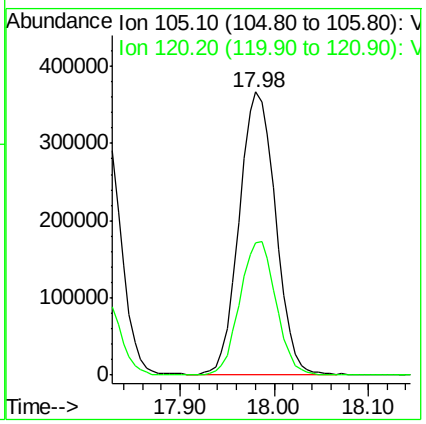


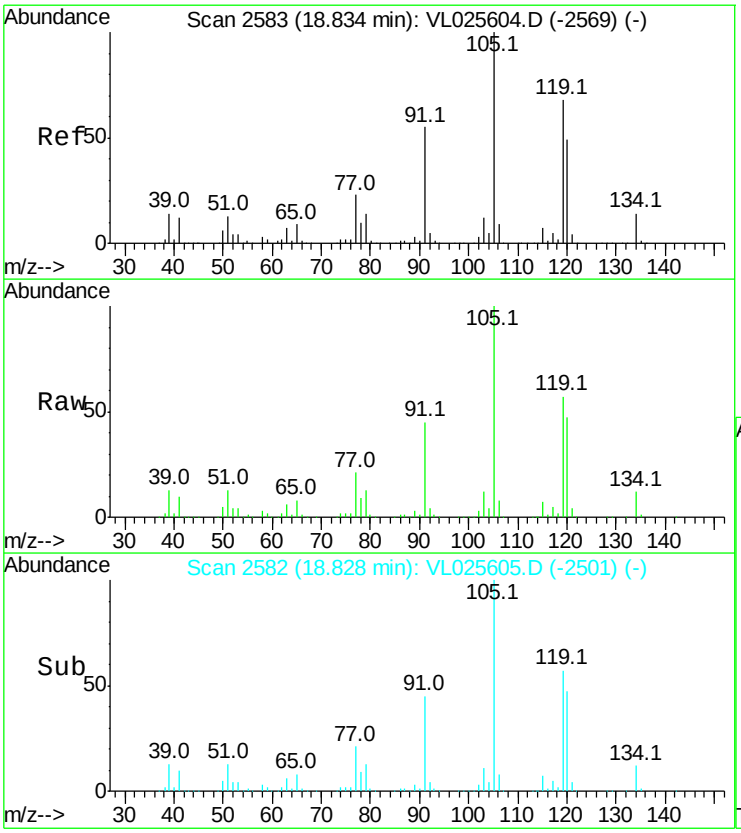
#73
1,3,5-Trimethylbenzene
Concen: 2.61 ppbv
RT: 17.98 min Scan# 2443
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 983196

Ion	Ratio	Lower	Upper
105	100		
120	46.9	37.0	55.4

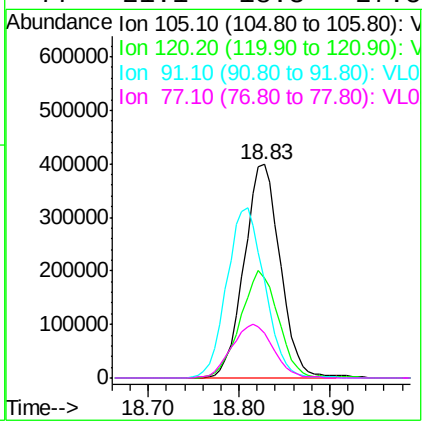


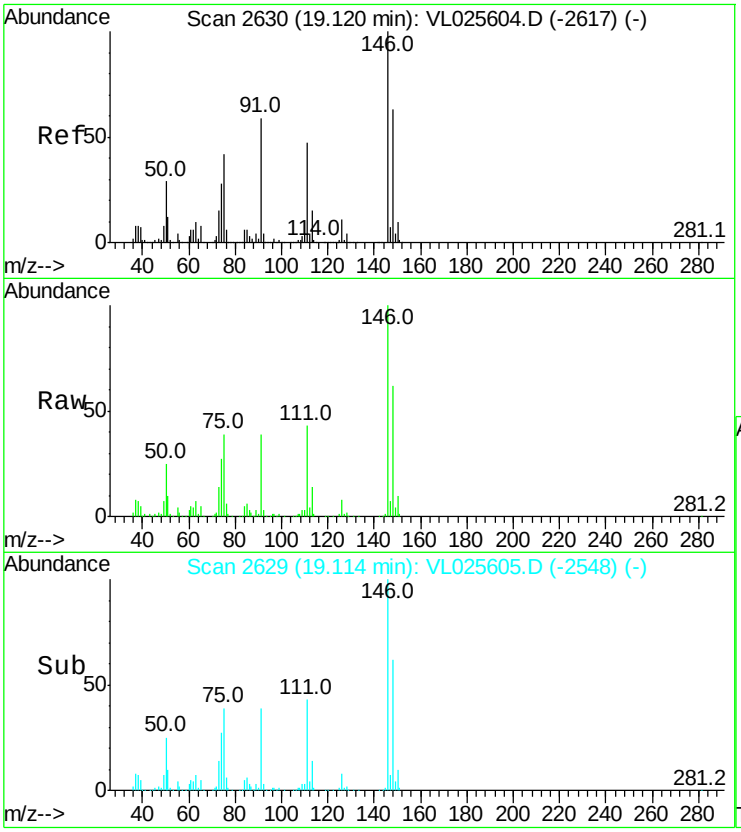


#74
1,2,4-Trimethylbenzene
Concen: 2.71 ppbv
RT: 18.83 min Scan# 2582
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:105 Resp: 1099162

Ion	Ratio	Lower	Upper
105	100		
120	47.0	39.3	58.9
91	45.1	43.8	65.6
77	21.1	18.3	27.5



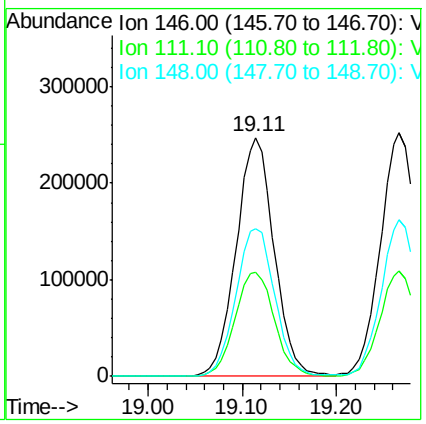


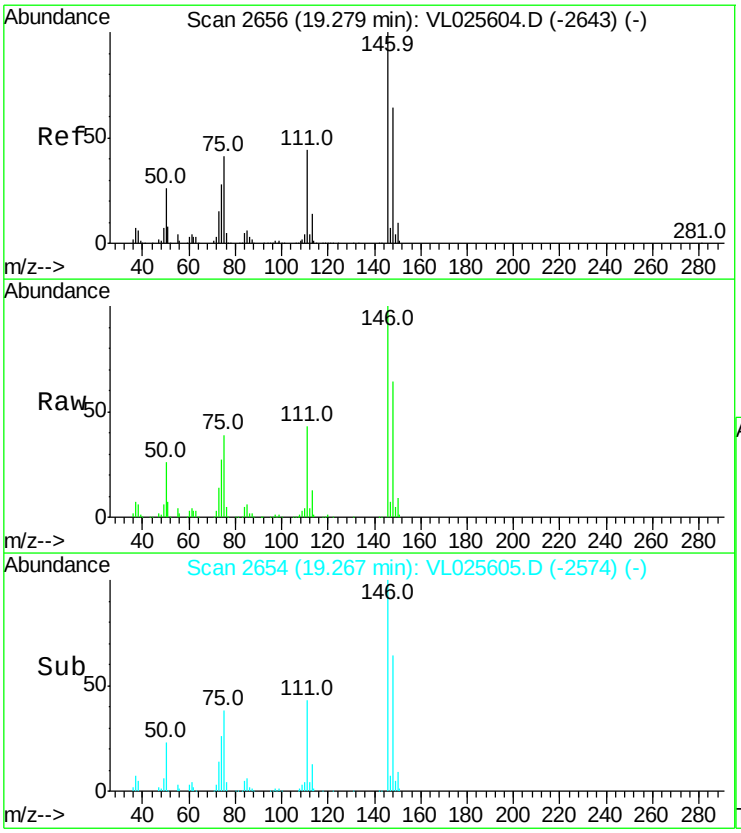
#75
1,3-Dichlorobenzene
Concen: 2.69 ppbv
RT: 19.11 min Scan# 2629
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 696614

Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.7	68.1
148	63.7	31.8	95.3

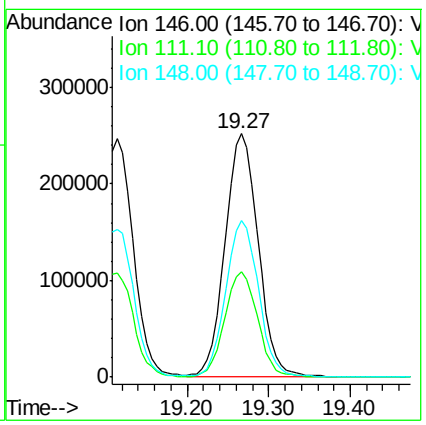


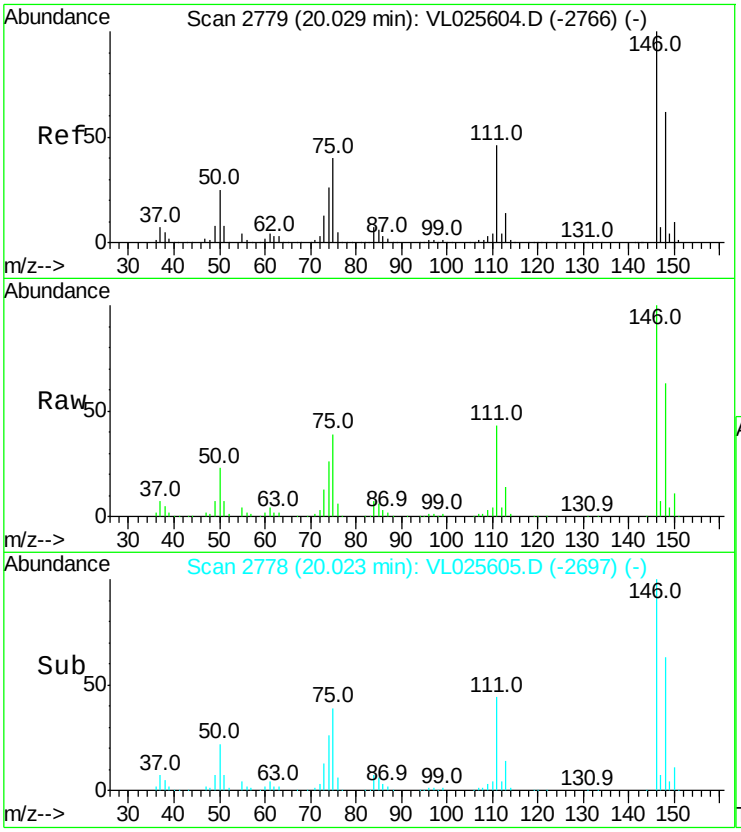


#76
1,4-Dichlorobenzene
Concen: 2.72 ppbv
RT: 19.27 min Scan# 2654
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:146 Resp: 704002

Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.1	66.1
148	64.5	31.9	95.9



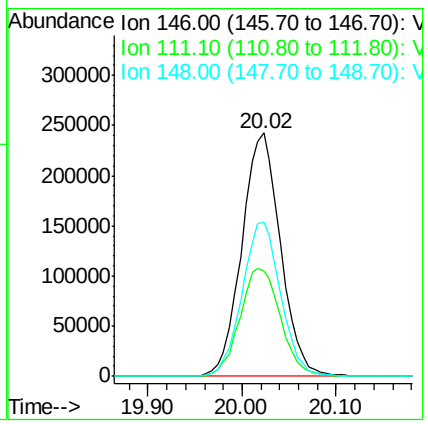


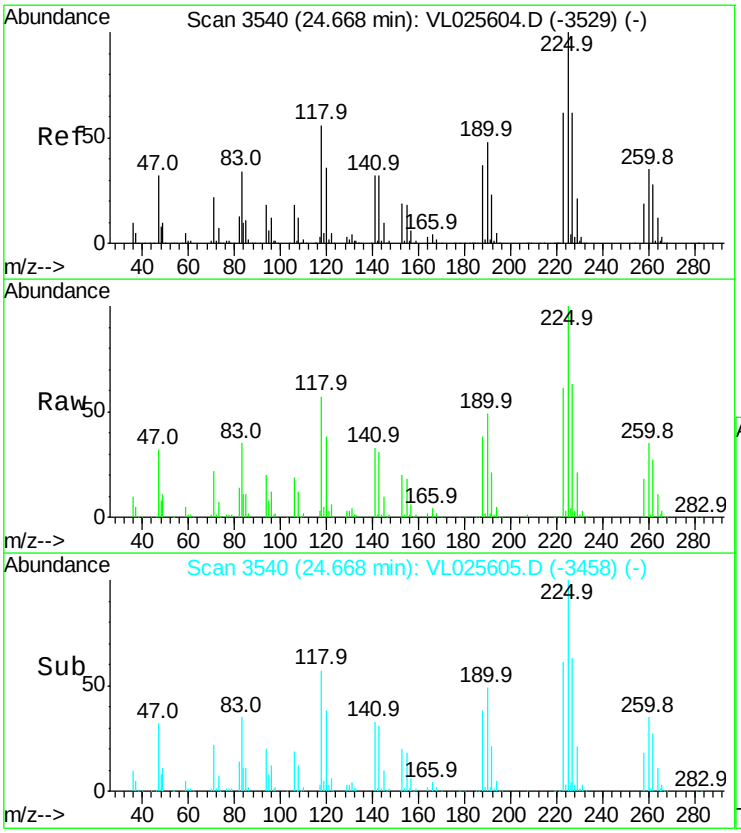
#77
1,2-Dichlorobenzene
Concen: 2.72 ppbv
RT: 20.02 min Scan# 2778
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 698108

Ion	Ratio	Lower	Upper
146	100		
111	46.5	23.4	70.3
148	63.3	31.6	94.8

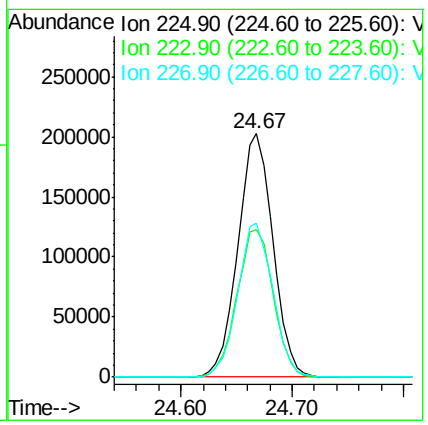


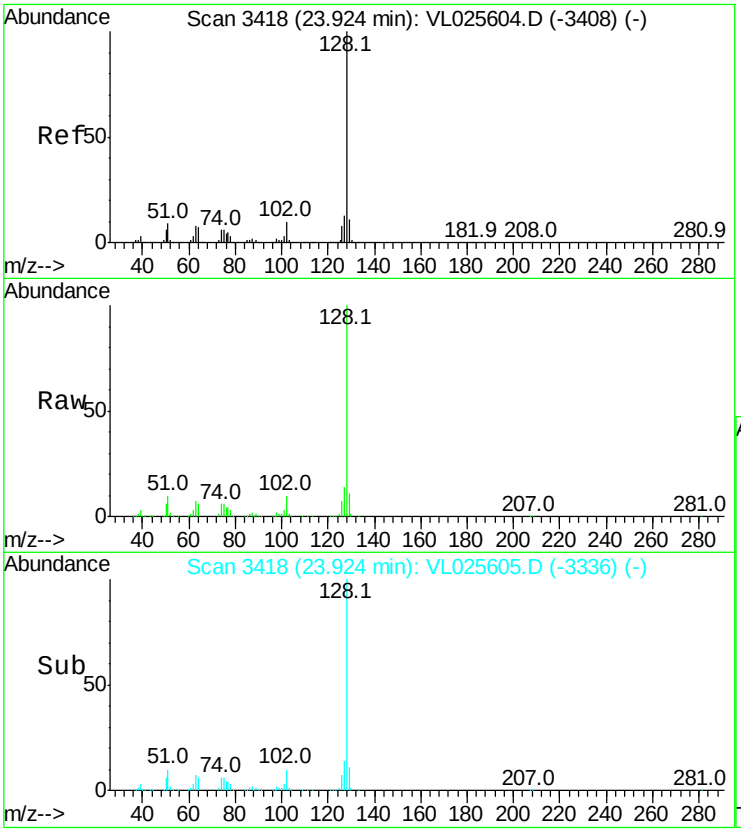


#78
Hexachloro-1,3-Butadiene
Concen: 3.36 ppbv
RT: 24.67 min Scan# 3540
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:225 Resp: 443662

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	63.4	50.5	75.7



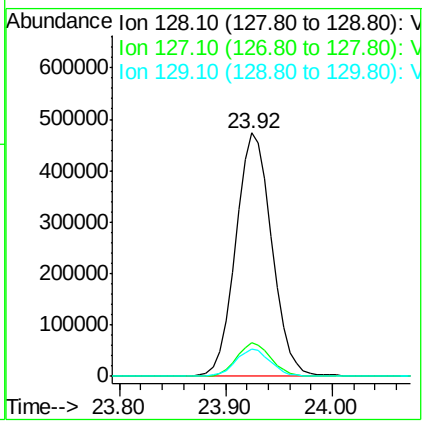


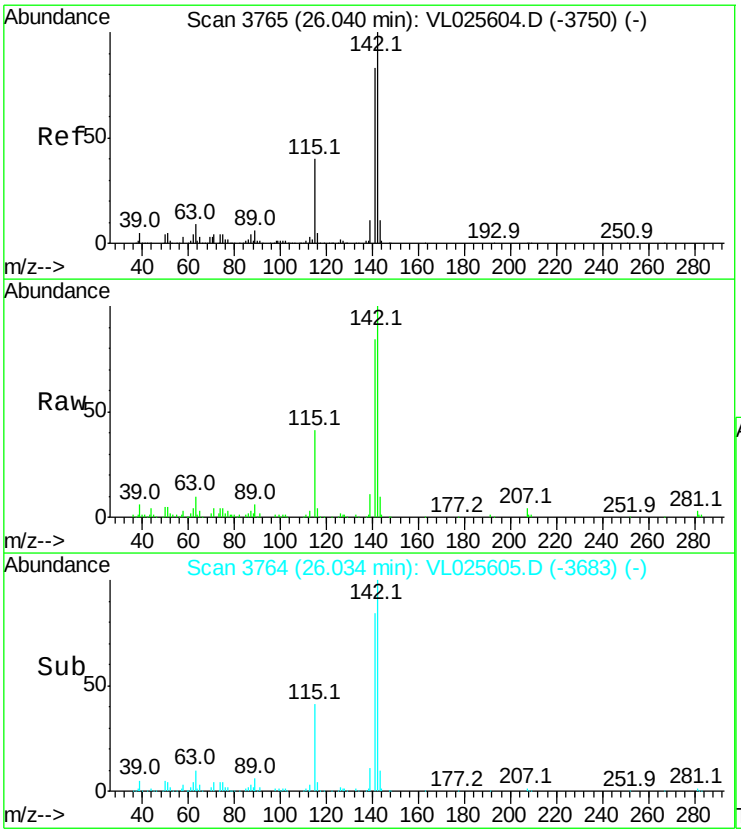
#79
Naphthalene
Concen: 3.39 ppbv
RT: 23.92 min Scan# 3418
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 1128487

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.8	16.2
129	11.1	9.0	13.4

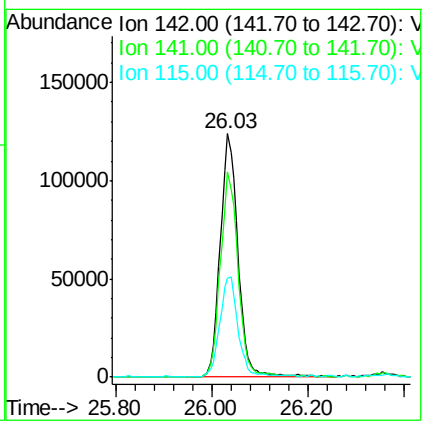


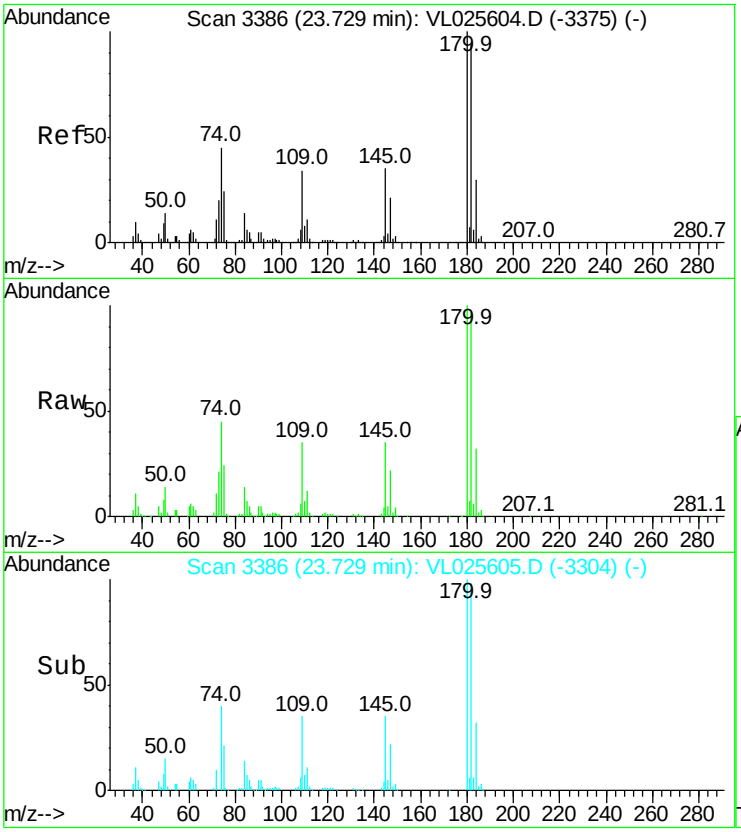


#80
Naphthalene,2-methyl-
Concen: 3.75 ppbv
RT: 26.03 min Scan# 3764
Delta R.T. -0.01 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Tgt Ion:142 Resp: 320241

Ion	Ratio	Lower	Upper
142	100		
141	84.7	67.1	100.7
115	42.9	33.9	50.9





#81
1,2,4-Trichlorobenzene
Concen: 3.45 ppbv
RT: 23.73 min Scan# 3386
Delta R.T. -0.00 min
Lab File: VL025605.D
Acq: 7 Jul 2015 11:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 533805

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.1	114.1
184	30.3	24.4	36.6