Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026845.D
Acq On : 10 Feb 2016 8:13
Operator : SY/AP
Sample : H1404-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Feb 11 01:16:48 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016
QLast Update : Wed Feb 10 03:14:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.69	49	1641393	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.37	114	4765700	10.00	ppbv		-0.01
55) Chlorobenzene-d5	13.79	117	3226328	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.33	95	2810622	12.13	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 121.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.67	85	204213	0.58	ppbv		98
3) Chlorodifluoromethane	3.60	51	2928631	11.00	ppbv		98
4) Chloromethane	3.78	50	68164	0.65	ppbv		96
5) Vinyl Chloride	3.63	62	3798	0.03	ppbv	#	42
7) Chloroethane	4.28	64	2429	0.05	ppbv		95
9) Propene	3.85	41	431555	6.00	ppbv		93
10) Heptane	9.40	43	56828	0.24	ppbv		97
11) Trichlorofluoromethane	4.73	101	106684	0.25	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	5.34	101	24639	0.08	ppbv		98
13) Ethanol	4.36	45	4702579	380.07	ppbv		96
15) Acetone	4.64	43	1411228	6.26	ppbv		90
16) 1,3-Butadiene	3.97	39	24666	0.28	ppbv	#	3
17) tert-Butyl alcohol	5.20	59	36992	0.25	ppbv		96
19) Isopropyl Alcohol	4.80	45	739664	9.19	ppbv	#	92
20) Methylene Chloride	5.18	84	67707	0.58	ppbv		86
21) Allyl Chloride	5.20	41	17126	0.12	ppbv	#	37
23) Vinyl Acetate	6.05	43	173201	0.57	ppbv	#	51
25) Ethyl Acetate	6.71	43	206447	0.61	ppbv	#	95
26) Hexane	6.70	57	139437	0.73	ppbv	#	83
29) Chloroform	6.78	83	18267	0.06	ppbv		96
30) Cyclohexane	8.32	84	19184	0.12	ppbv	#	1
34) 2-Butanone	6.24	43	128107	0.55	ppbv		91
35) Carbon Tetrachloride	8.20	117	25371	0.07	ppbv		95
36) Benzene	8.06	78	180824	0.48	ppbv	#	94
38) Trichloroethene	9.10	130	32131	0.18	ppbv		96
41) Tetrahydrofuran	7.18	42	32133	0.28	ppbv		97
44) 2,2,4-Trimethylpentane	9.12	57	147381	0.23	ppbv	#	79
50) 4-Methyl-2-Pentanone	10.15	43	20696	0.08	ppbv		89
52) Tetrachloroethene	12.83	164	4488	0.03	ppbv	#	83
53) Toluene	11.27	91	751871	1.77	ppbv		99
58) Ethyl Benzene	14.46	91	120771	0.31	ppbv		100
59) m/p-Xylene	14.73	91	417679	1.26	ppbv		99
60) o-Xylene	15.53	91	154837	0.43	ppbv		100
61) Styrene	15.36	104	27803	0.23	ppbv		95
62) Isopropylbenzene	16.59	105	20240	0.05	ppbv		99
64) n-propylbenzene	17.57	120	18234	0.16	ppbv		87
65) tert-Butylbenzene	18.87	119	48513	0.12	ppbv	#	71
67) sec-Butylbenzene	19.45	105	21709	0.04	ppbv		100
69) p-Isopropyltoluene	19.83	119	50205	0.12	ppbv	#	74
70) n-Butylbenzene	20.80	91	62595	0.15	ppbv	#	49
72) 4-Ethyltoluene	17.86	105	138877	0.42	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026845.D
Acq On : 10 Feb 2016 8:13
Operator : SY/AP
Sample : H1404-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 11 01:16:48 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016
QLast Update : Wed Feb 10 03:14:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 1,3,5-Trimethylbenzene	18.03	105	119576	0.37	ppbv		96
74) 1,2,4-Trimethylbenzene	18.88	105	405728	1.10	ppbv	#	68
75) 1,3-Dichlorobenzene	19.32	146	10198	0.05	ppbv	#	51
76) 1,4-Dichlorobenzene	19.32	146	10198	0.05	ppbv		86
79) Naphthalene	23.97	128	76785	0.43	ppbv	#	91
80) Naphthalene,2-methyl-	26.09	142	35603	0.49	ppbv	#	79

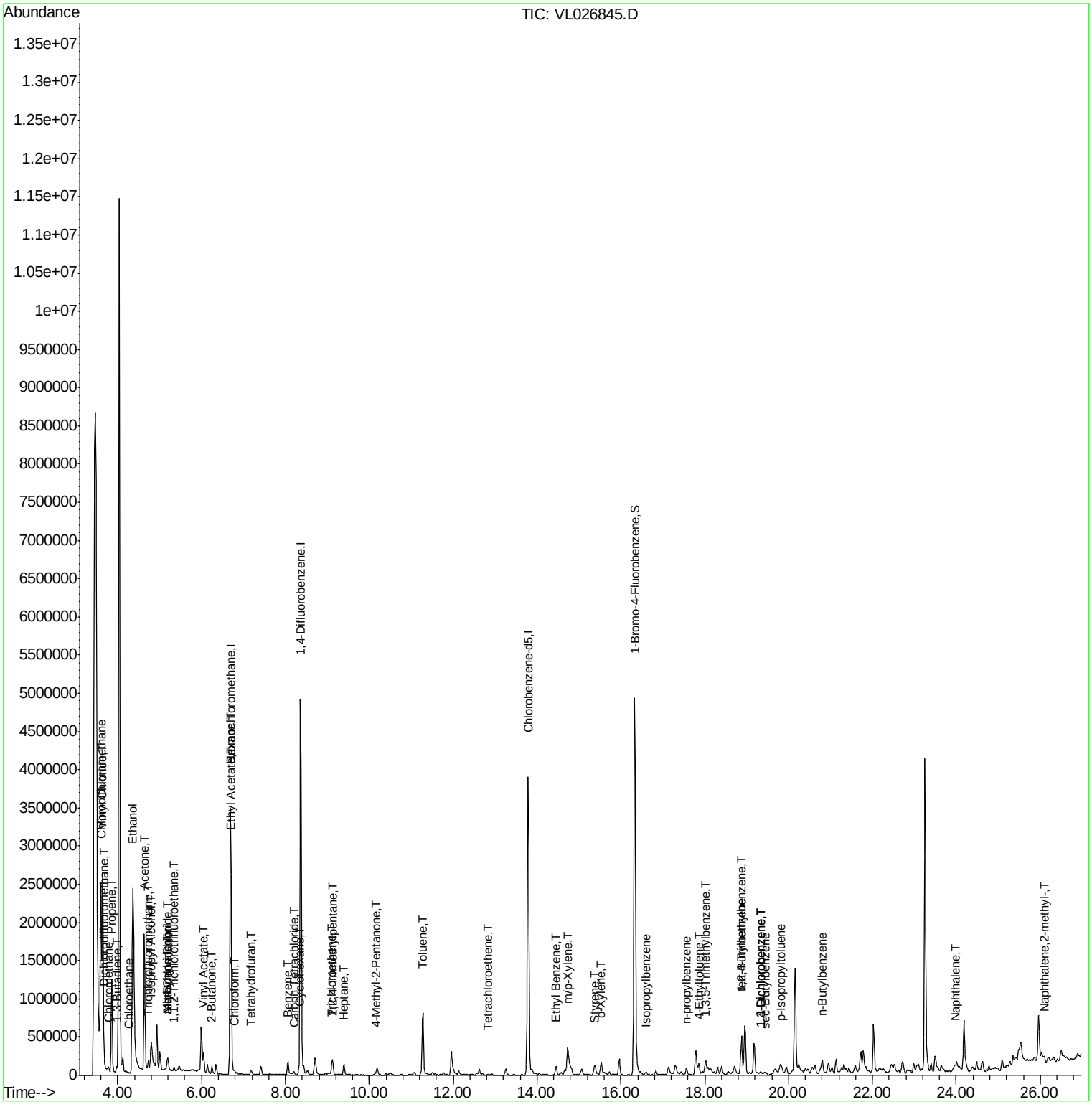
(#) = qualifier out of range (m) = manual integration (+) = signals summed

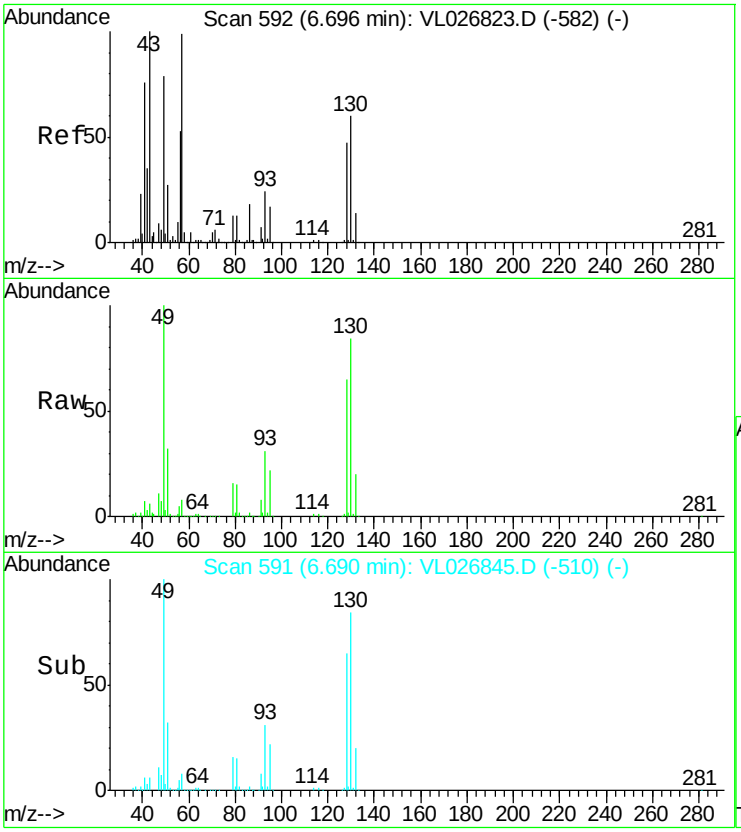
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026845.D
Acq On : 10 Feb 2016 8:13
Operator : SY/AP
Sample : H1404-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 11 01:16:48 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016
QLast Update : Wed Feb 10 03:14:04 2016
Response via : Initial Calibration



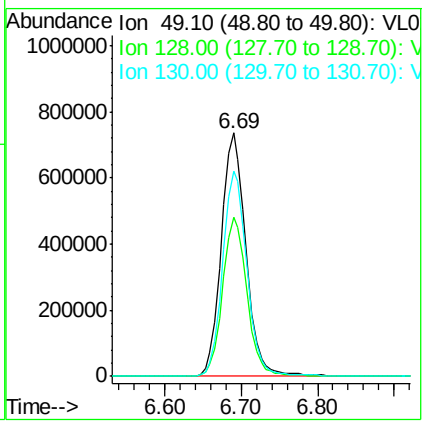


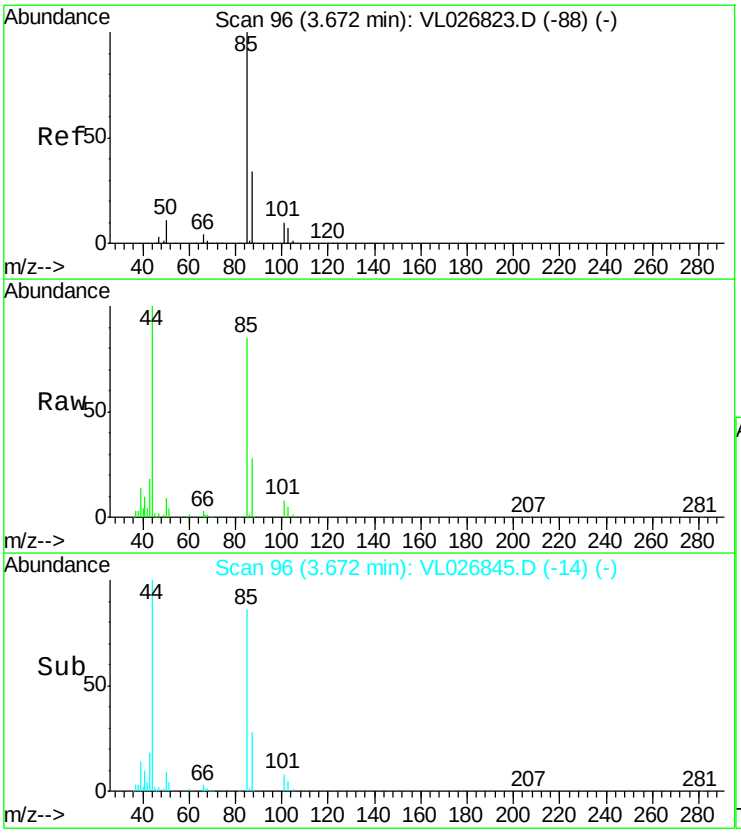
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.69 min Scan# 591
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1641393

Ion	Ratio	Lower	Upper
49	100		
128	65.2	29.7	89.1
130	84.0	38.3	114.8

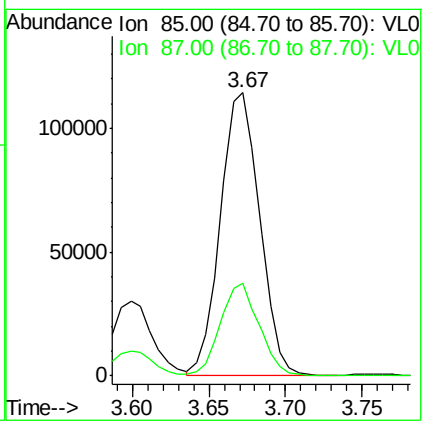


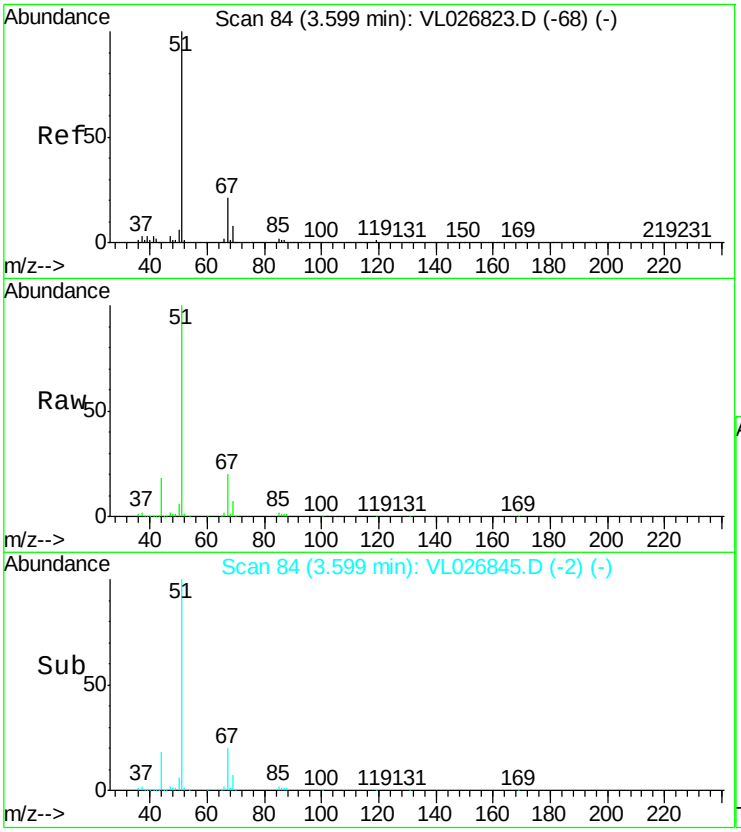


#2
Dichlorodifluoromethane
Concen: 0.58 ppbv
RT: 3.67 min Scan# 96
Delta R.T. -0.00 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 85 Resp: 204213

Ion	Ratio	Lower	Upper
85	100		
87	32.7	27.3	40.9



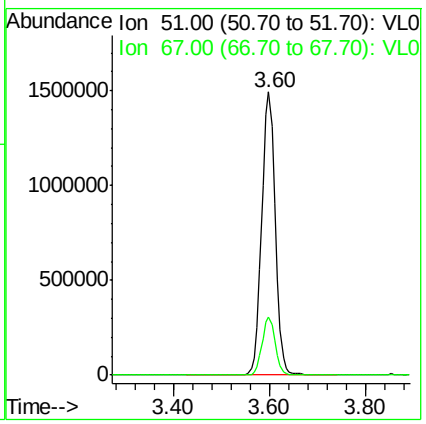


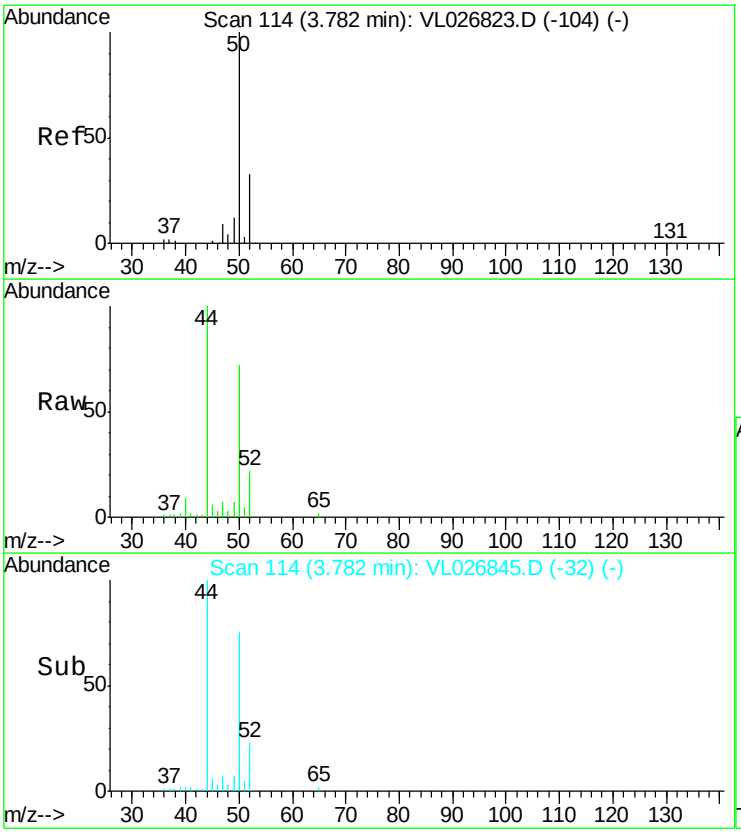
#3
Chlorodifluoromethane
Concen: 11.00 ppbv
RT: 3.60 min Scan# 84
Delta R.T. -0.00 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 2928631

Ion	Ratio	Lower	Upper
51	100		
67	19.8	16.4	24.6

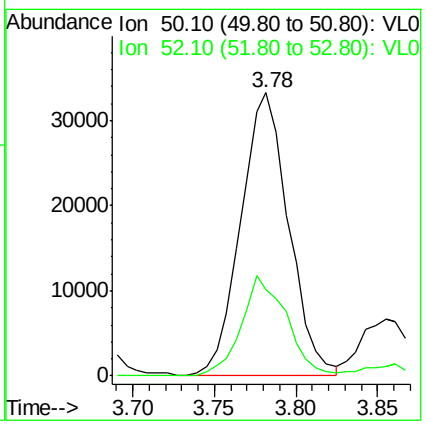


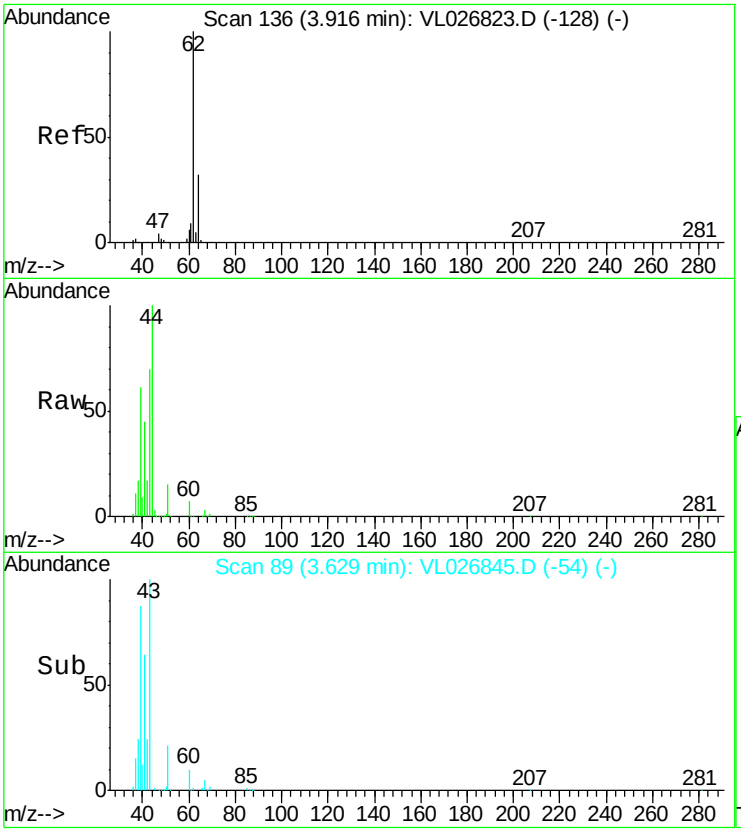


#4
Chloromethane
Concen: 0.65 ppbv
RT: 3.78 min Scan# 114
Delta R.T. -0.00 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 50 Resp: 68164

Ion	Ratio	Lower	Upper
50	100		
52	30.5	26.3	39.5



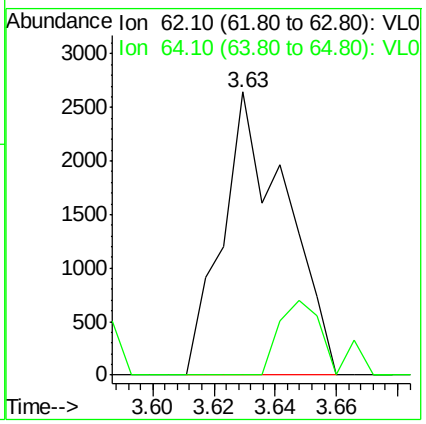


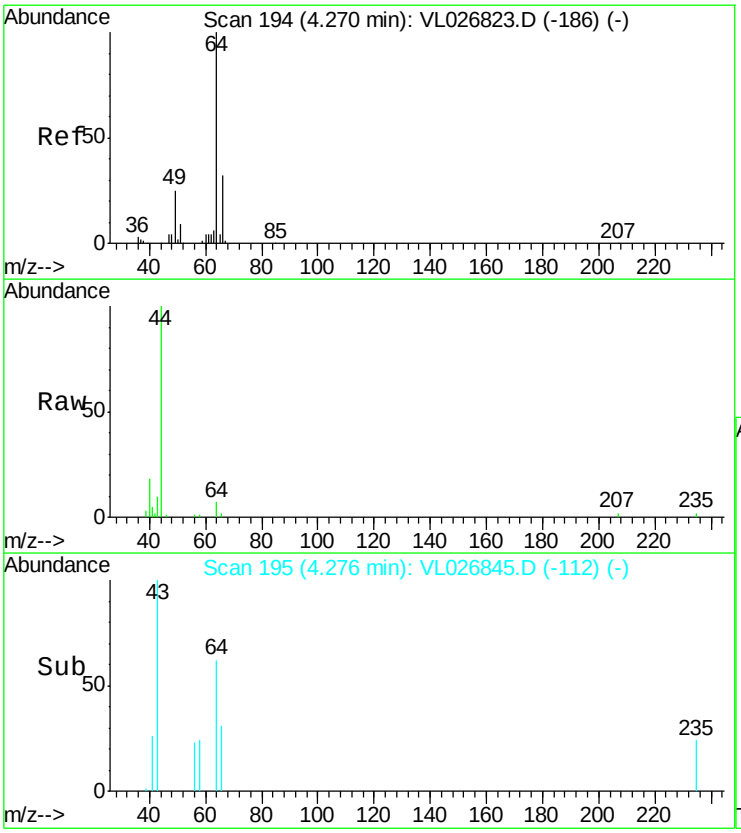
#5
Vinyl Chloride
Concen: 0.03 ppbv
RT: 3.63 min Scan# 89
Delta R.T. -0.29 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 3798

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.8	38.6#

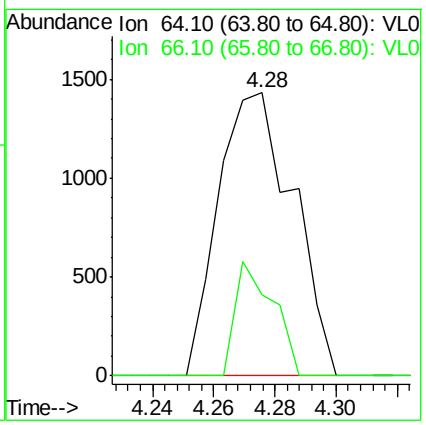


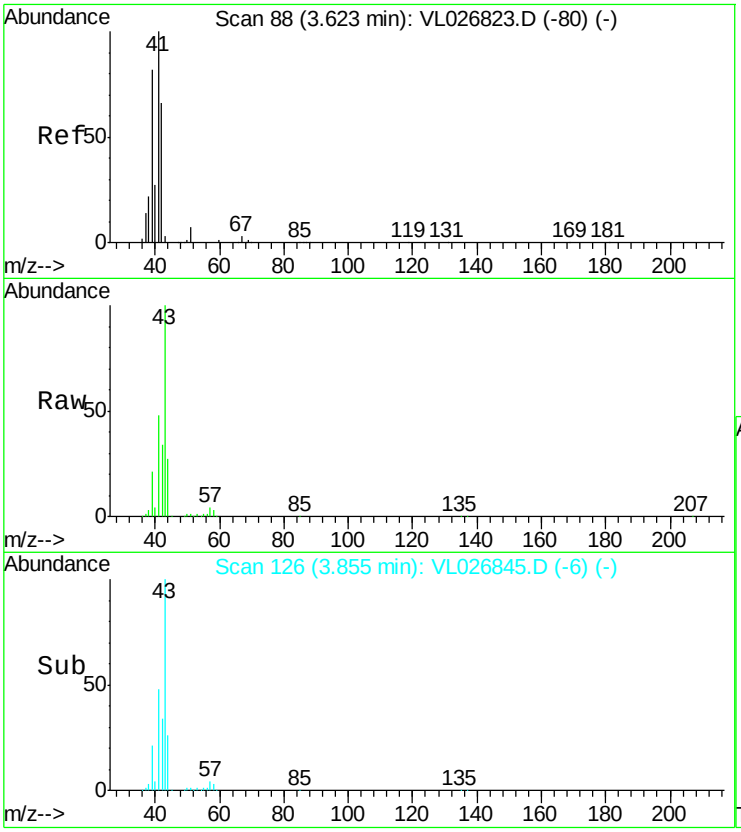


#7
Chloroethane
Concen: 0.05 ppbv
RT: 4.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 64 Resp: 2429

Ion	Ratio	Lower	Upper
64	100		
66	28.8	25.4	38.0



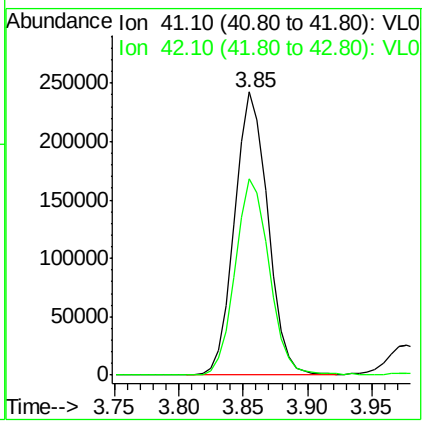


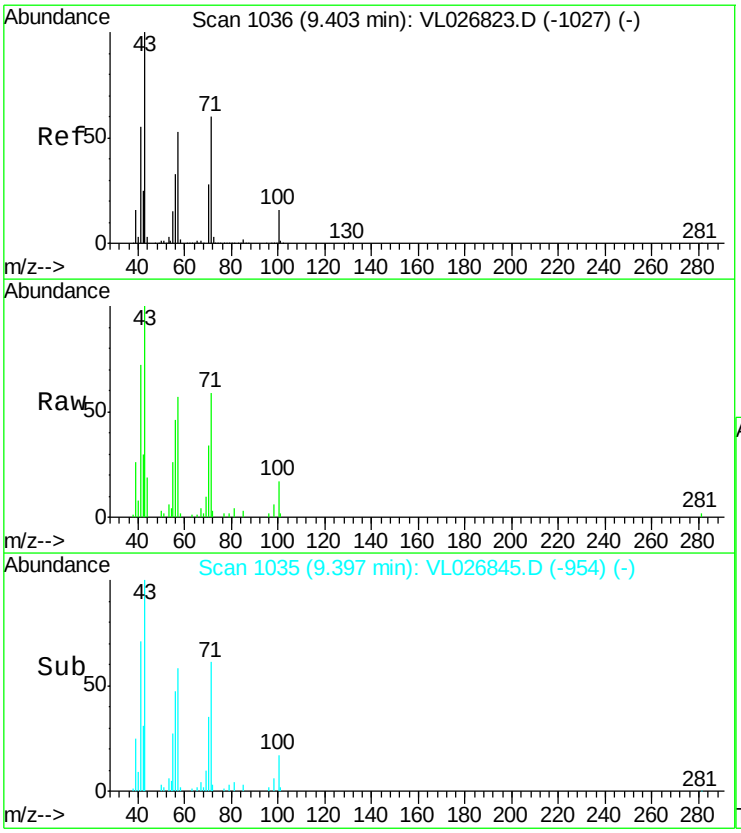
#9
Propene
Concen: 6.00 ppbv
RT: 3.85 min Scan# 126
Delta R.T. 0.23 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 431555

Ion	Ratio	Lower	Upper
41	100		
42	71.2	52.8	79.2

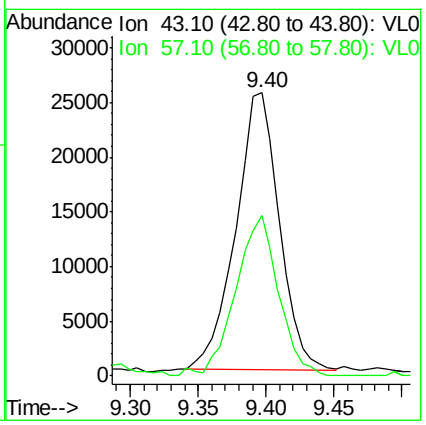


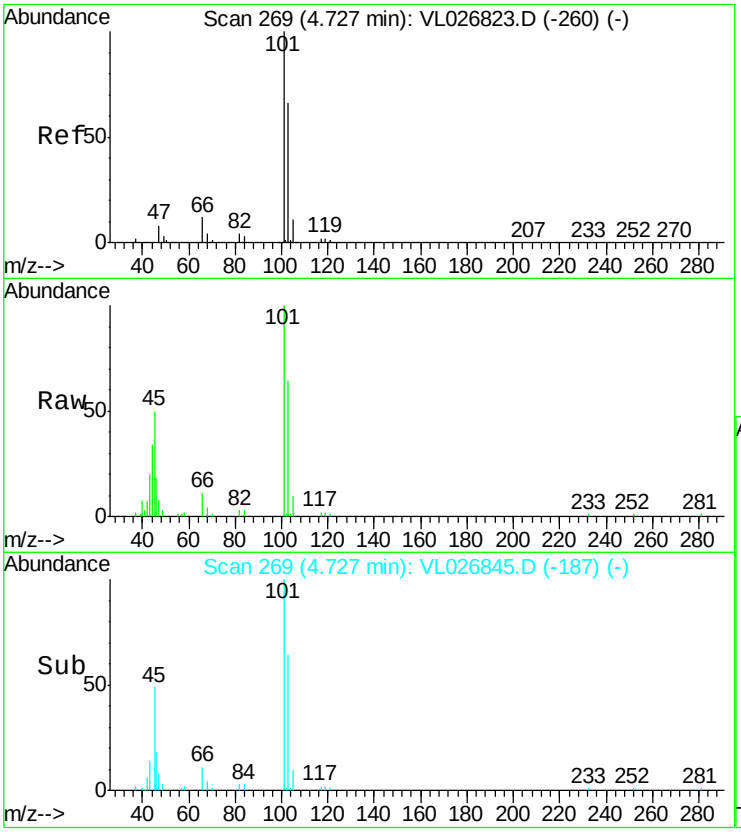


#10
Heptane
Concen: 0.24 ppbv
RT: 9.40 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 43 Resp: 56828

Ion	Ratio	Lower	Upper
43	100		
57	56.9	44.0	66.0



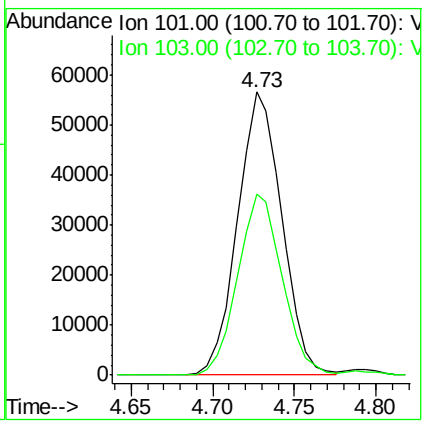


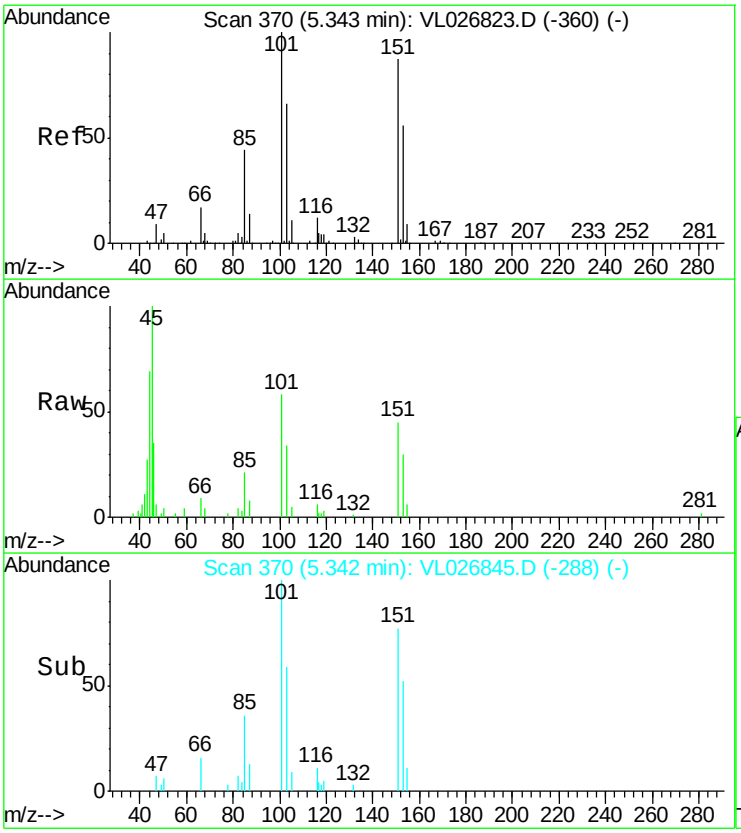
#11
Trichlorofluoromethane
Concen: 0.25 ppbv
RT: 4.73 min Scan# 269
Delta R.T. -0.00 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 106684

Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.7	79.1

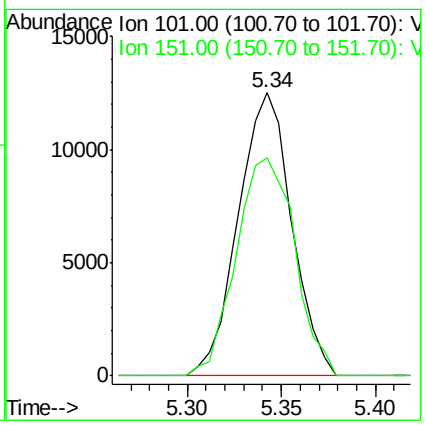


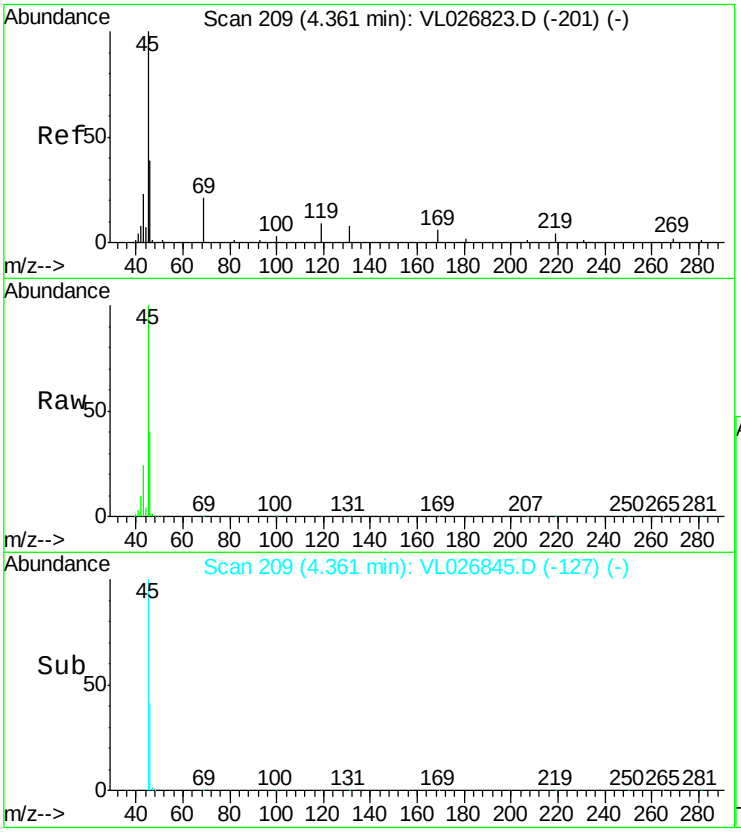


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.08 ppbv
RT: 5.34 min Scan# 370
Delta R.T. -0.00 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion:101 Resp: 24639

Ion	Ratio	Lower	Upper
101	100		
151	84.5	69.4	104.0



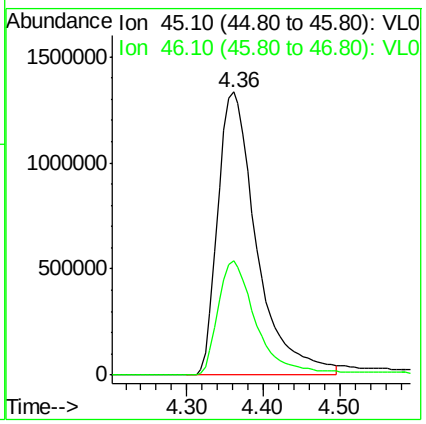


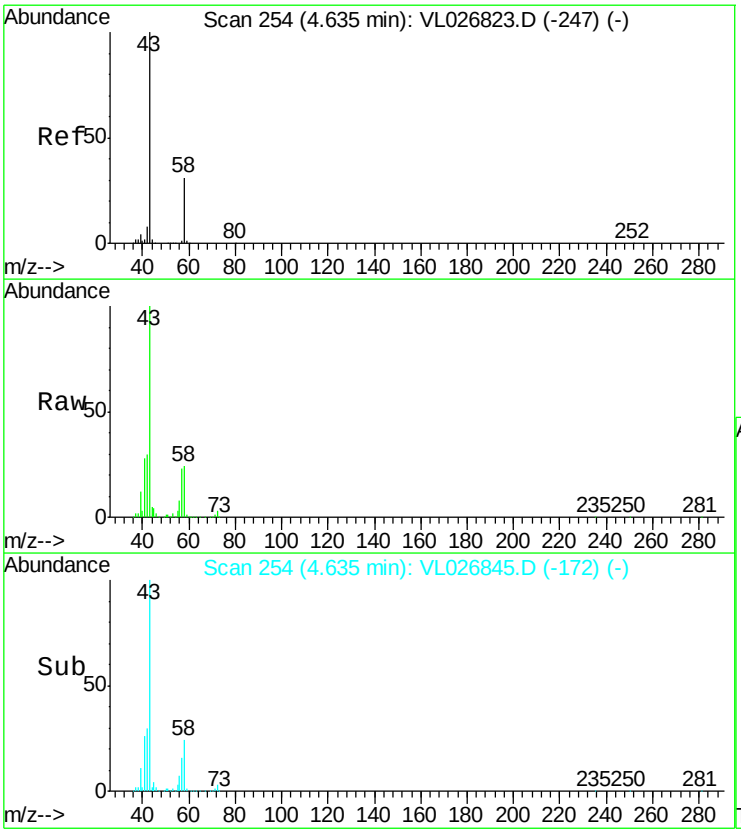
#13
Ethanol
Concen: 380.07 ppbv
RT: 4.36 min Scan# 209
Delta R.T. -0.00 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 4702579

Ion	Ratio	Lower	Upper
45	100		
46	42.0	15.8	63.4

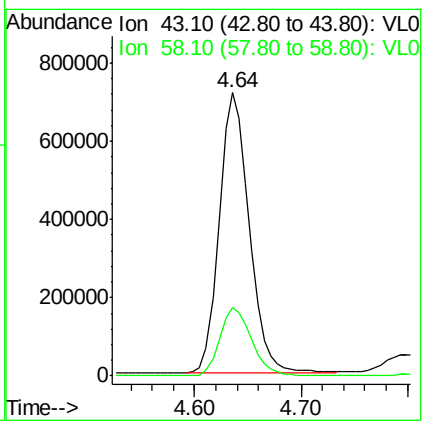


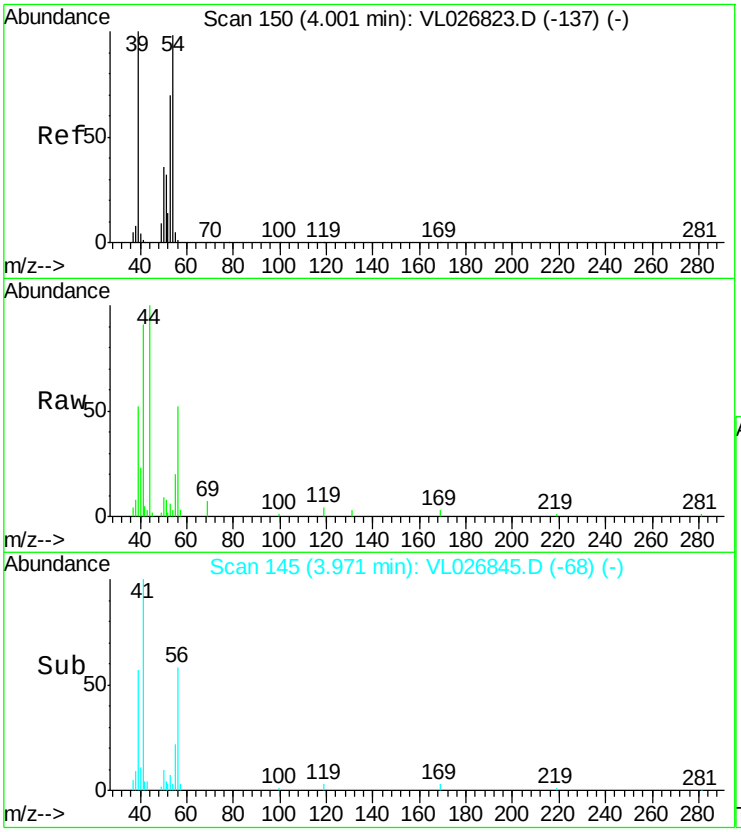


#15
Acetone
Concen: 6.26 ppbv
RT: 4.64 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 43 Resp: 1411228

Ion	Ratio	Lower	Upper
43	100		
58	26.2	25.2	37.8



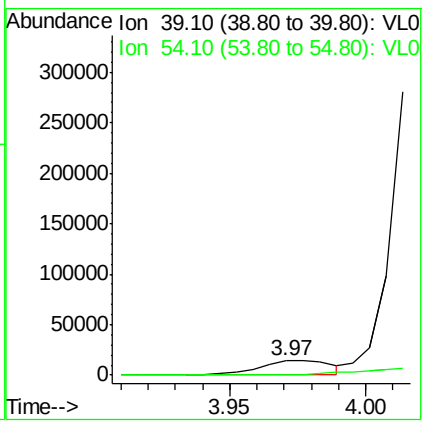


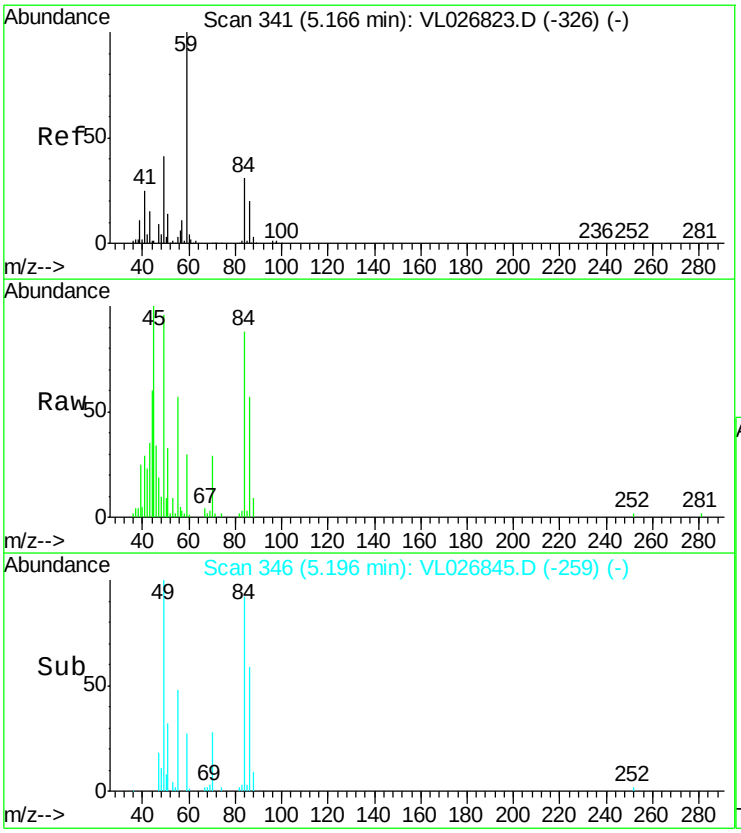
#16
1,3-Butadiene
Concen: 0.28 ppbv
RT: 3.97 min Scan# 145
Delta R.T. -0.03 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 24666

Ion	Ratio	Lower	Upper
39	100		
54	0.0	74.7	112.1#

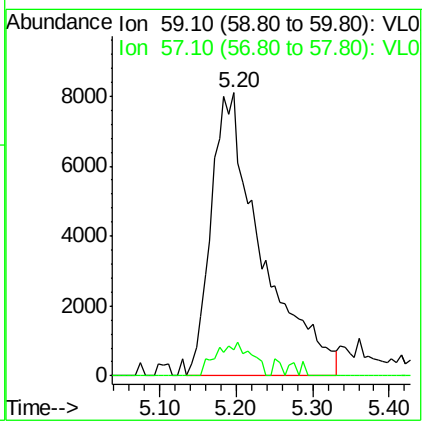


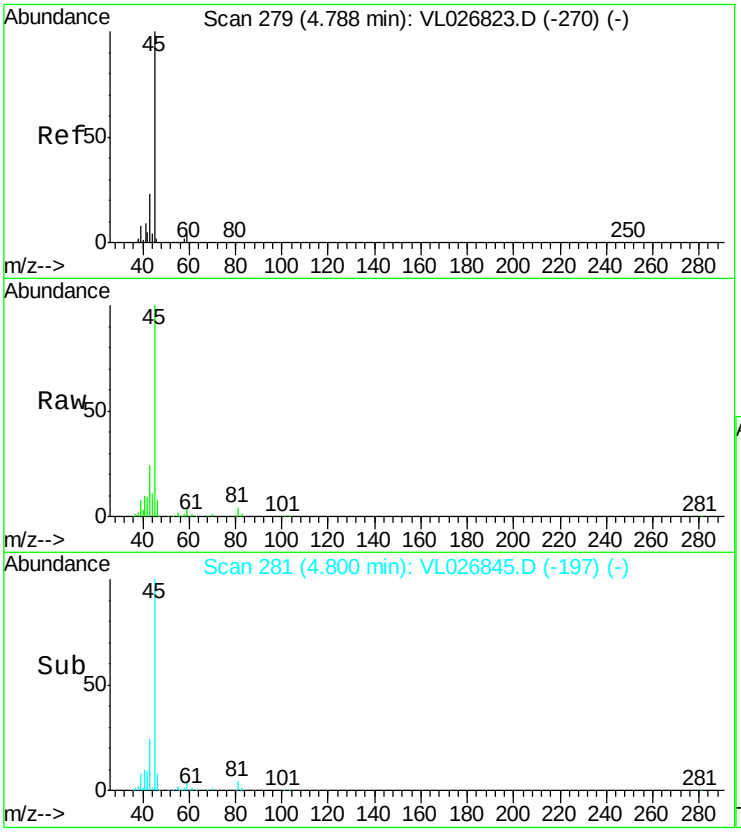


#17
tert-Butyl alcohol
Concen: 0.25 ppbv
RT: 5.20 min Scan# 346
Delta R.T. 0.03 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 59 Resp: 36992

Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.5	12.7



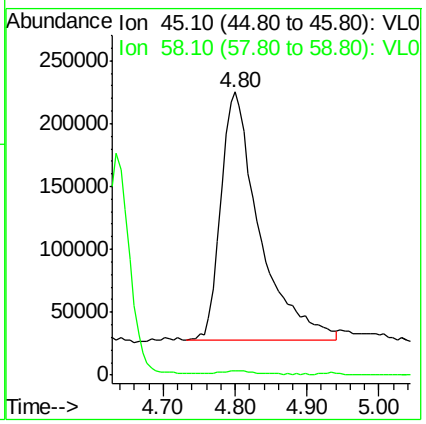


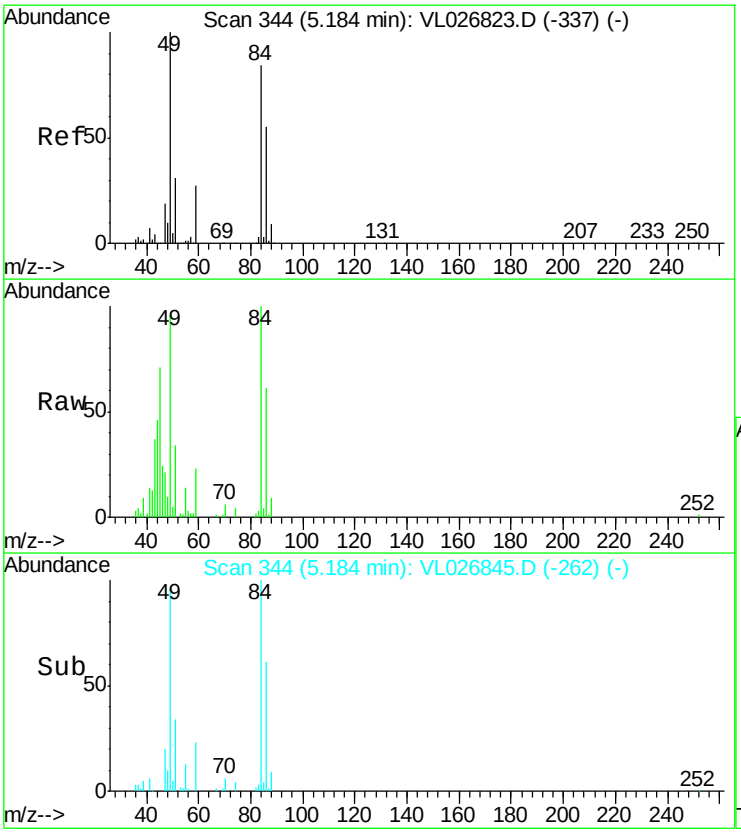
#19
Isopropyl Alcohol
Concen: 9.19 ppbv
RT: 4.80 min Scan# 281
Delta R.T. 0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 739664

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.2	3.2#

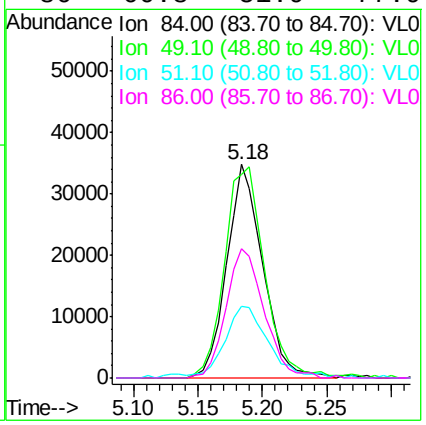


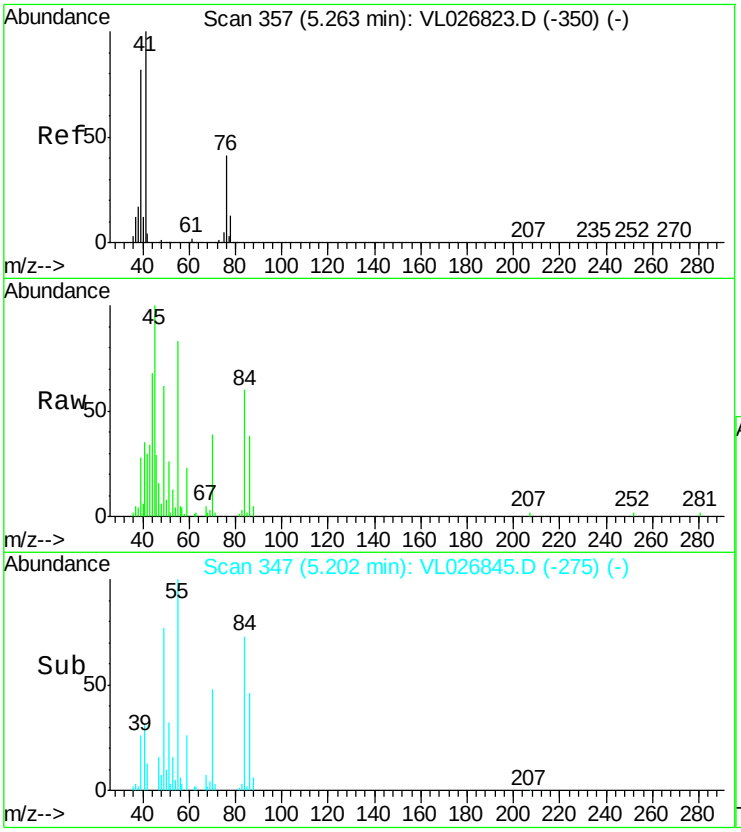


#20
Methylene Chloride
Concen: 0.58 ppbv
RT: 5.18 min Scan# 344
Delta R.T. -0.00 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 84 Resp: 67707

Ion	Ratio	Lower	Upper
84	100		
49	95.5	94.9	142.3
51	32.5	29.5	44.3
86	60.8	51.9	77.9



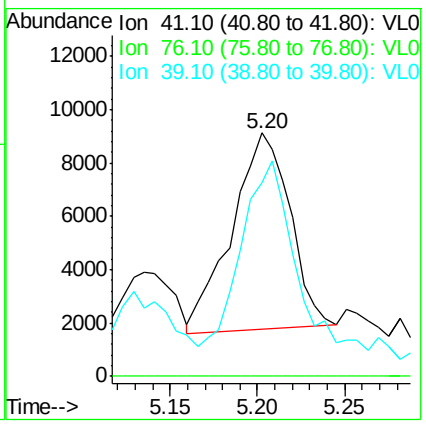


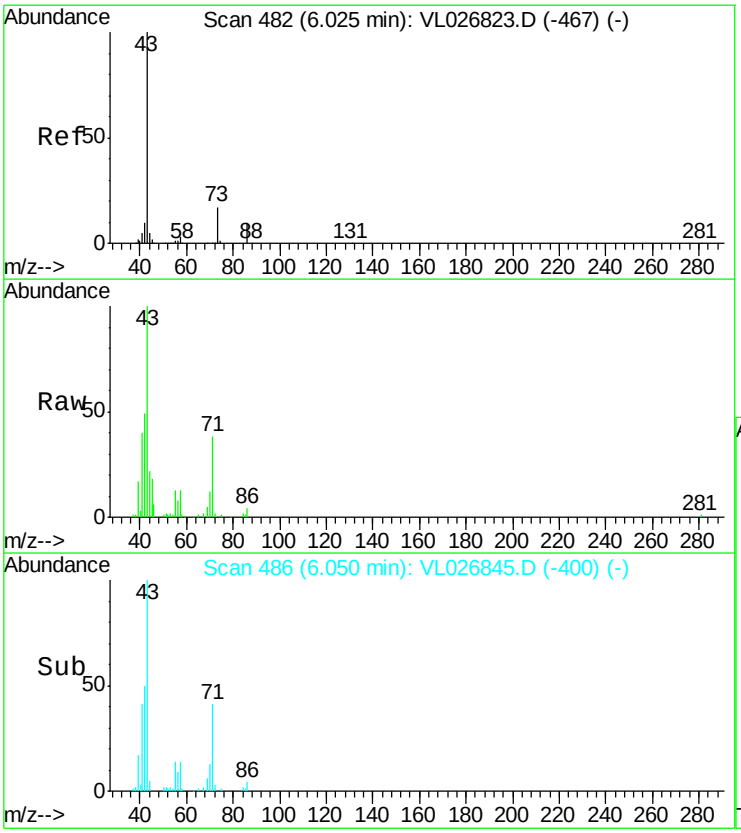
#21
Allyl Chloride
Concen: 0.12 ppbv
RT: 5.20 min Scan# 347
Delta R.T. -0.06 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 17126

Ion	Ratio	Lower	Upper
41	100		
76	0.0	32.0	48.0#
39	136.0	64.6	96.8#

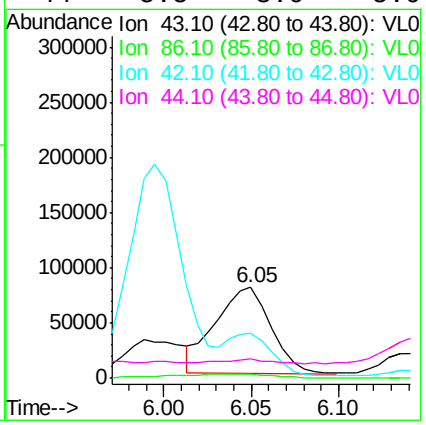


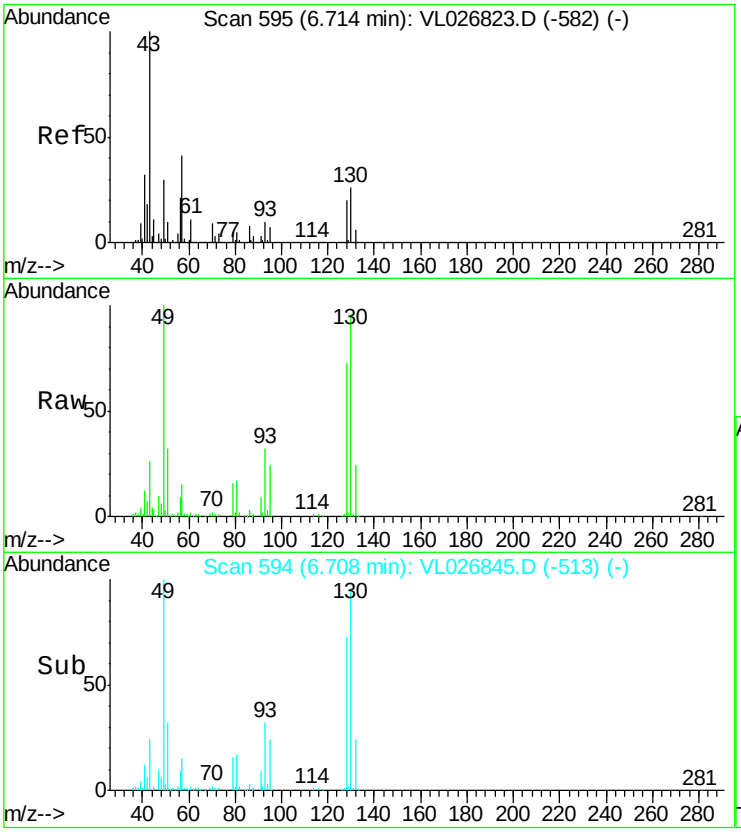


#23
Vinyl Acetate
Concen: 0.57 ppbv
RT: 6.05 min Scan# 486
Delta R.T. 0.02 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 43 Resp: 173201

Ion	Ratio	Lower	Upper
43	100		
86	4.4	7.7	11.5#
42	49.2	7.8	11.8#
44	5.5	3.9	5.9



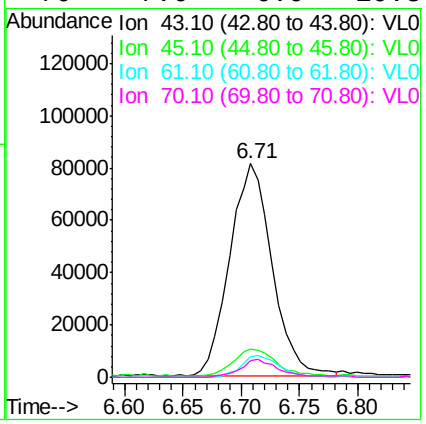


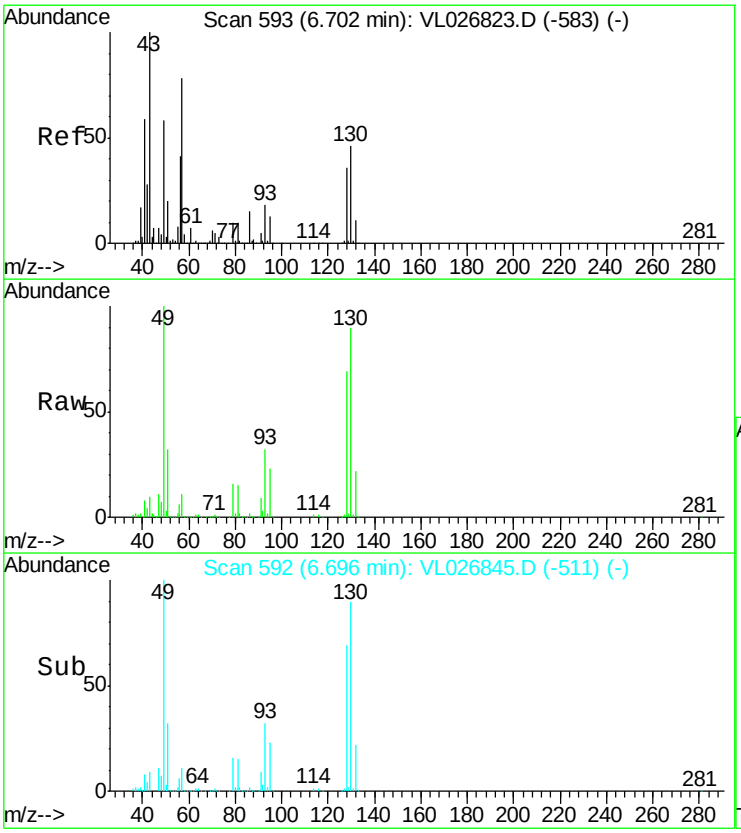
#25
Ethyl Acetate
Concen: 0.61 ppbv
RT: 6.71 min Scan# 594
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 206447

Ion	Ratio	Lower	Upper
43	100		
45	13.5	7.8	11.8#
61	9.2	7.9	11.9
70	7.6	6.9	10.3

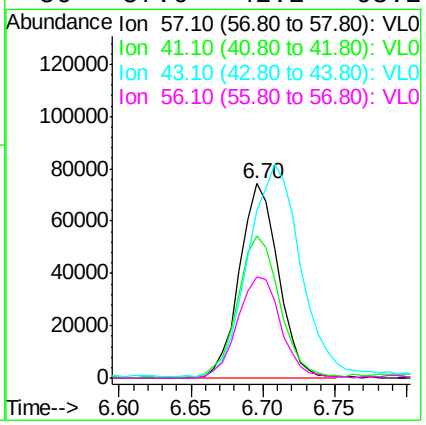


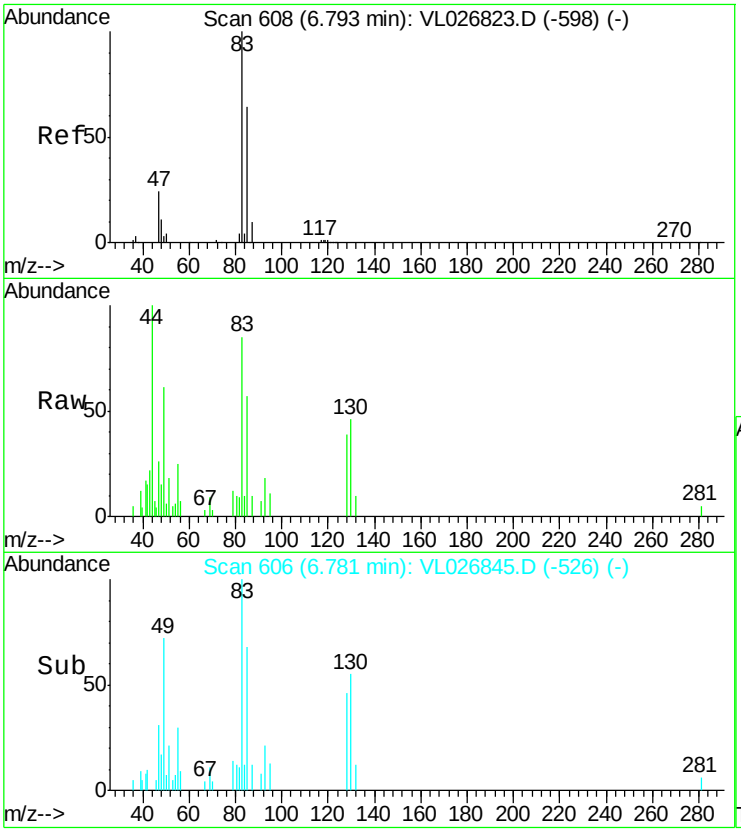


#26
Hexane
Concen: 0.73 ppbv
RT: 6.70 min Scan# 592
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 57 Resp: 139437

Ion	Ratio	Lower	Upper
57	100		
41	81.7	63.3	94.9
43	151.3	151.4	227.2#
56	57.6	42.2	63.2



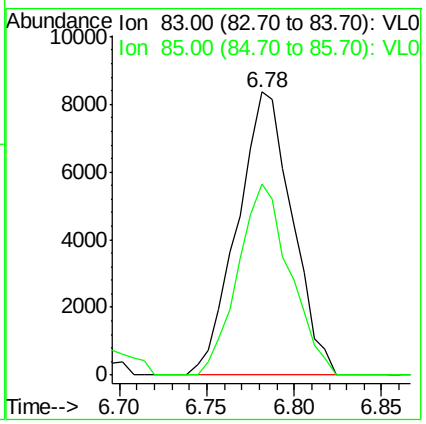


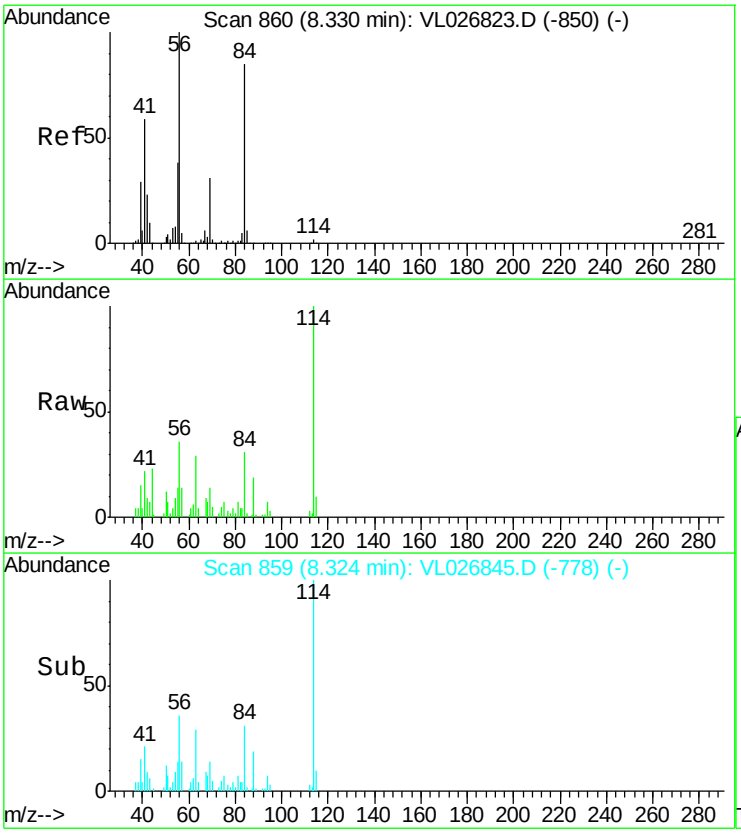
#29
Chloroform
Concen: 0.06 ppbv
RT: 6.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 18267

Ion	Ratio	Lower	Upper
83	100		
85	67.6	51.5	77.3

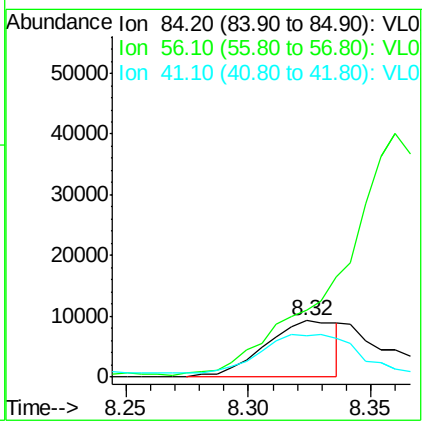


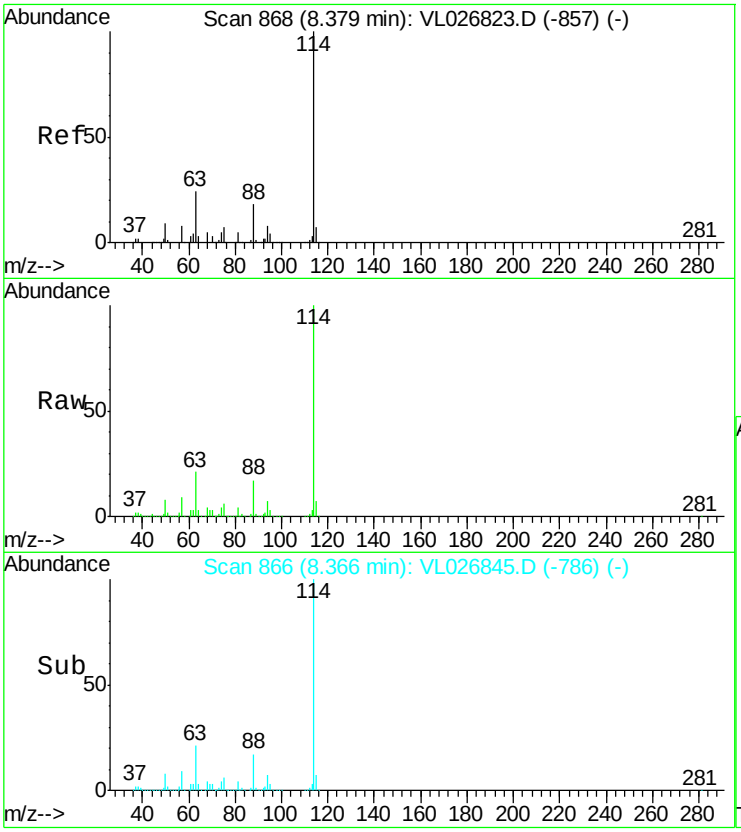


#30
Cyclohexane
Concen: 0.12 ppbv
RT: 8.32 min Scan# 859
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 84 Resp: 19184

Ion	Ratio	Lower	Upper
84	100		
56	621.9	99.4	149.2#
41	101.6	56.7	85.1#



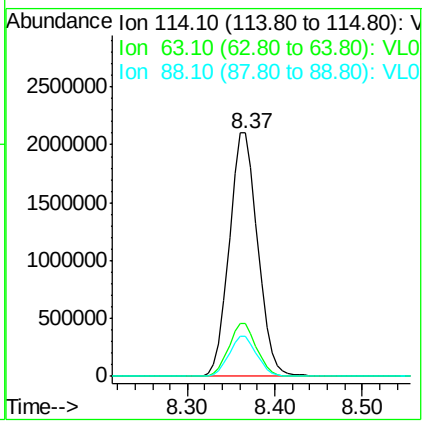


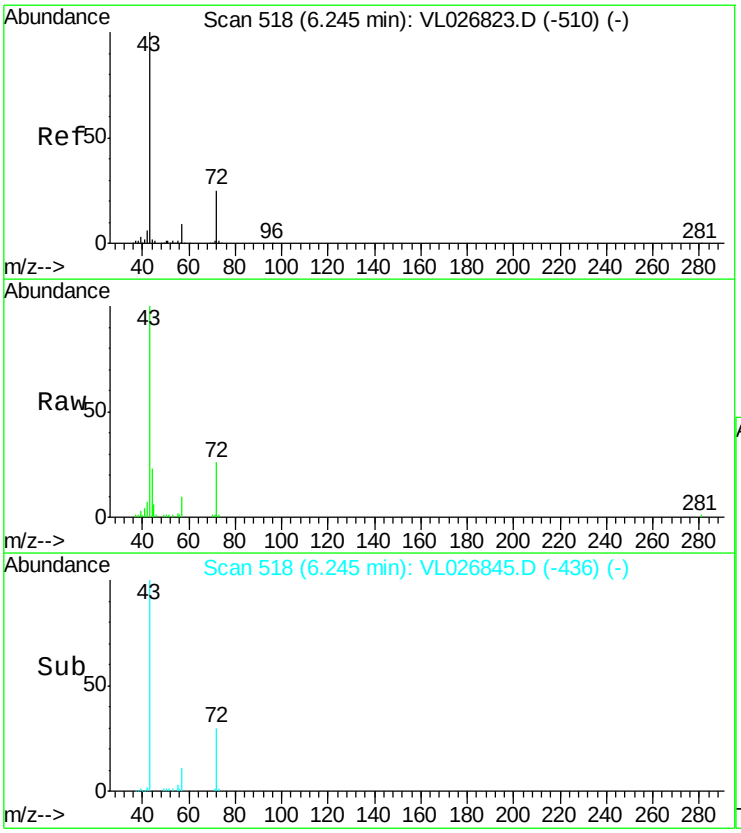
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.37 min Scan# 866
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 4765700

Ion	Ratio	Lower	Upper
114	100		
63	21.5	19.7	29.5
88	16.3	13.8	20.6

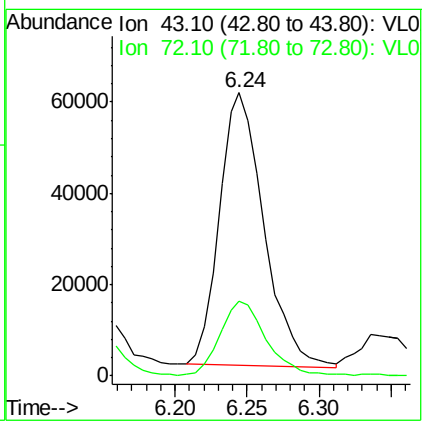


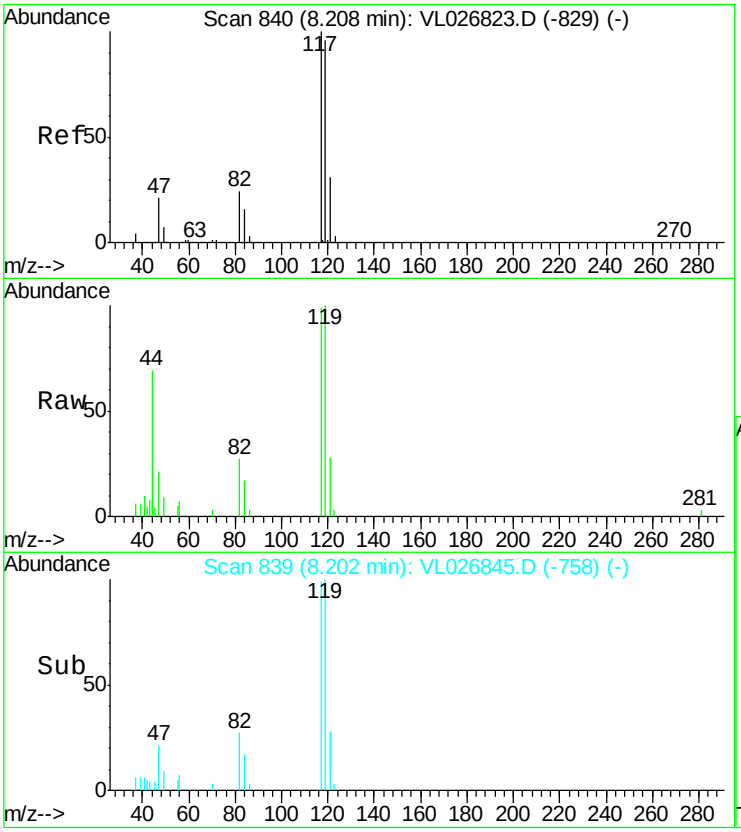


#34
2-Butanone
Concen: 0.55 ppbv
RT: 6.24 min Scan# 518
Delta R.T. -0.00 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 43 Resp: 128107

Ion	Ratio	Lower	Upper
43	100		
72	29.2	19.8	29.8



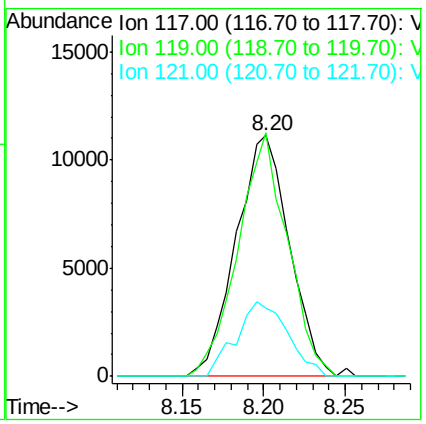


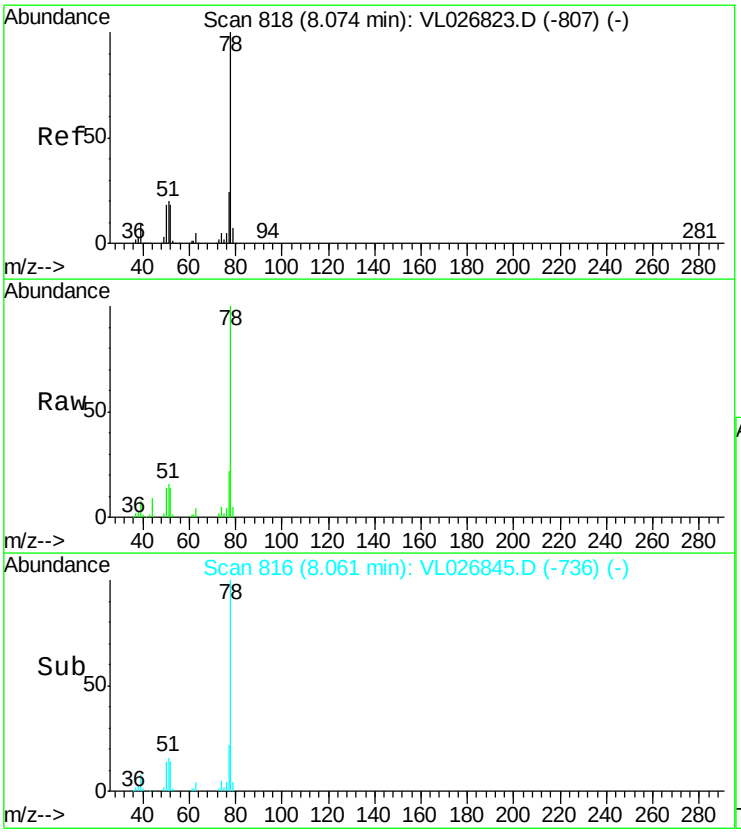
#35
Carbon Tetrachloride
Concen: 0.07 ppbv
RT: 8.20 min Scan# 839
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 25371

Ion	Ratio	Lower	Upper
117	100		
119	101.2	76.6	115.0
121	28.2	25.0	37.4

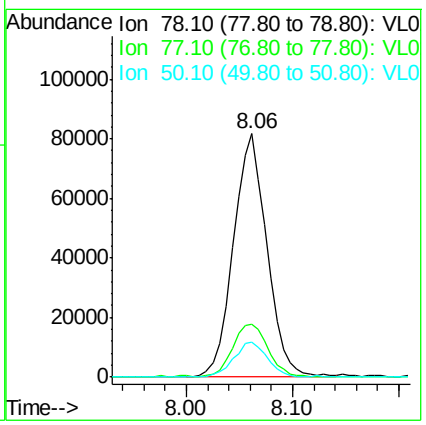


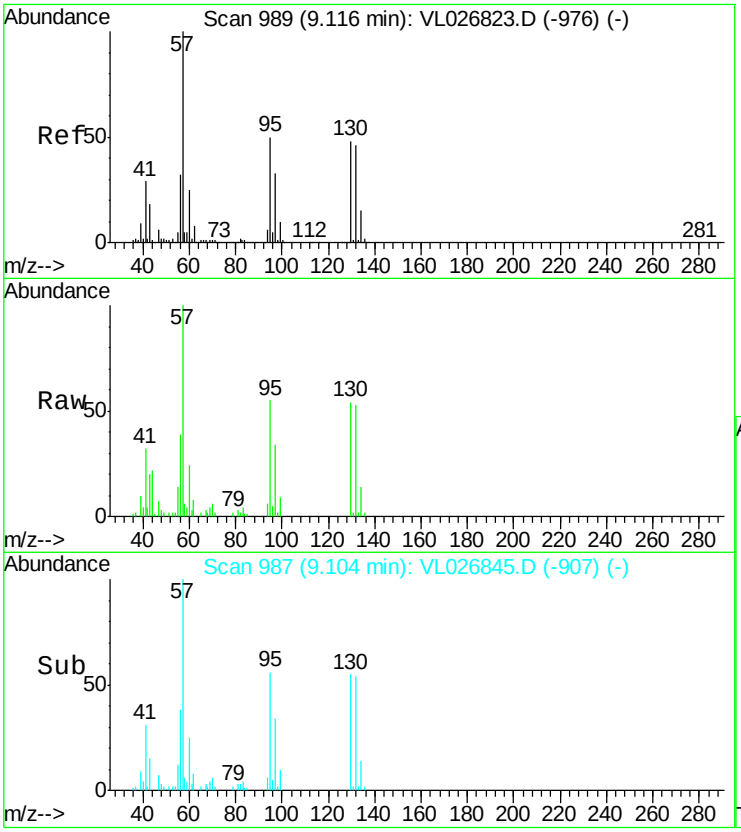


#36
Benzene
Concen: 0.48 ppbv
RT: 8.06 min Scan# 816
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 78 Resp: 180824

Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.0	28.6
50	14.2	14.2	21.4#



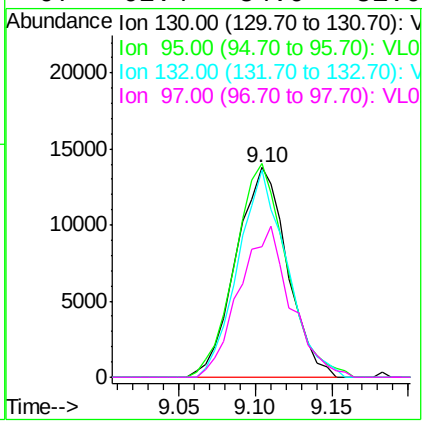


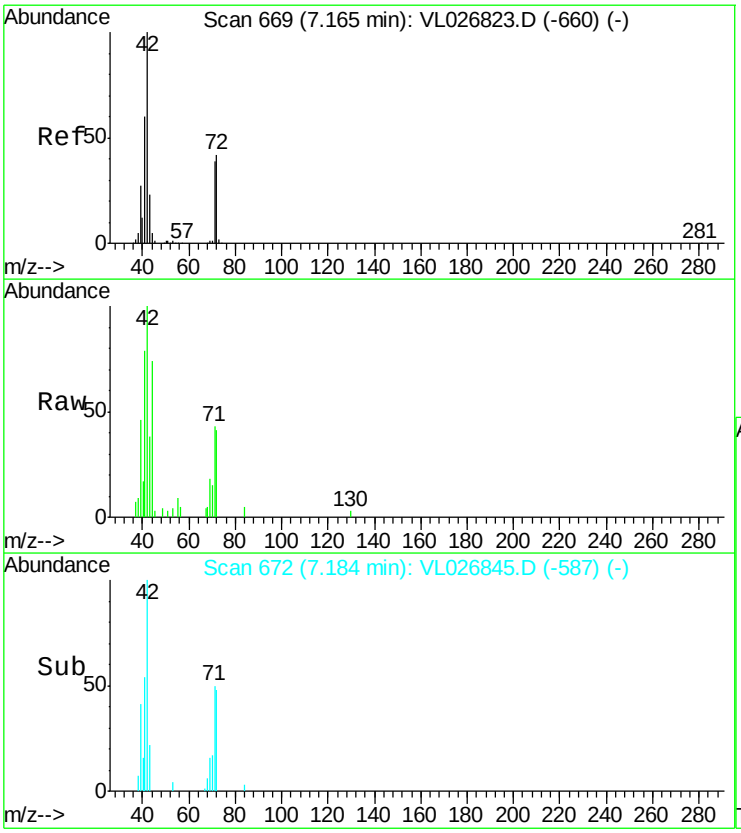
#38
Trichloroethene
Concen: 0.18 ppbv
RT: 9.10 min Scan# 987
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:130 Resp: 32131

Ion	Ratio	Lower	Upper
130	100		
95	101.8	83.0	124.6
132	99.0	76.0	114.0
97	62.4	54.0	81.0

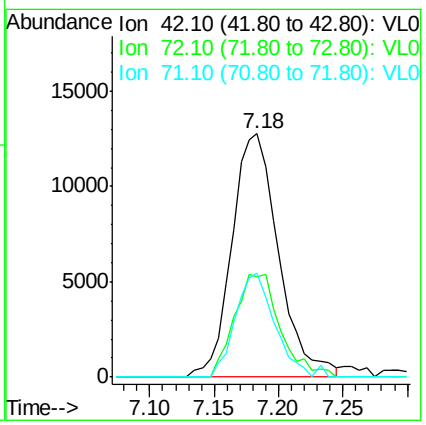


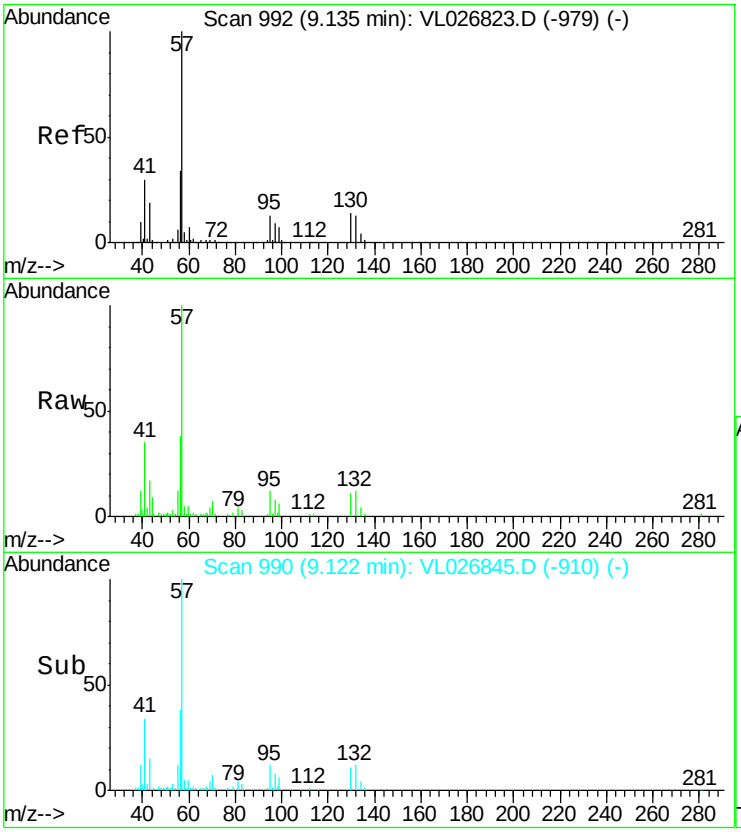


#41
Tetrahydrofuran
Concen: 0.28 ppbv
RT: 7.18 min Scan# 672
Delta R.T. 0.02 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 42 Resp: 32133

Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.4	50.0
71	36.4	32.1	48.1



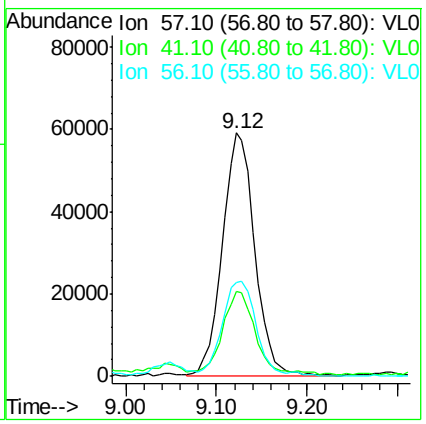


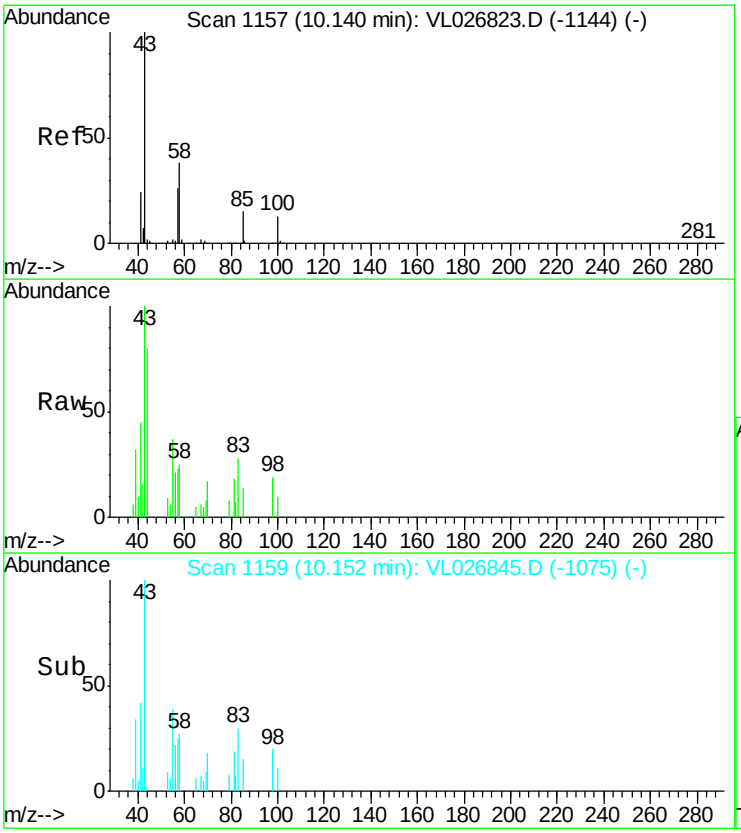
#44
2,2,4-Trimethylpentane
Concen: 0.23 ppbv
RT: 9.12 min Scan# 990
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 147381

Ion	Ratio	Lower	Upper
57	100		
41	38.4	23.2	34.8#
56	46.7	26.2	39.4#

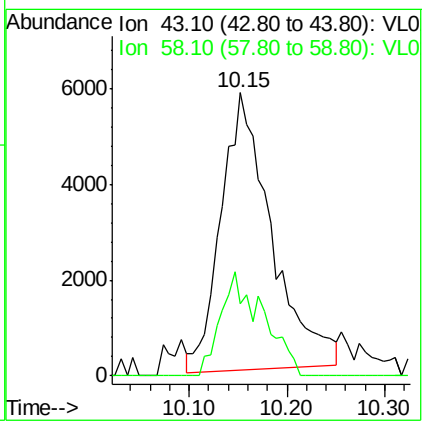


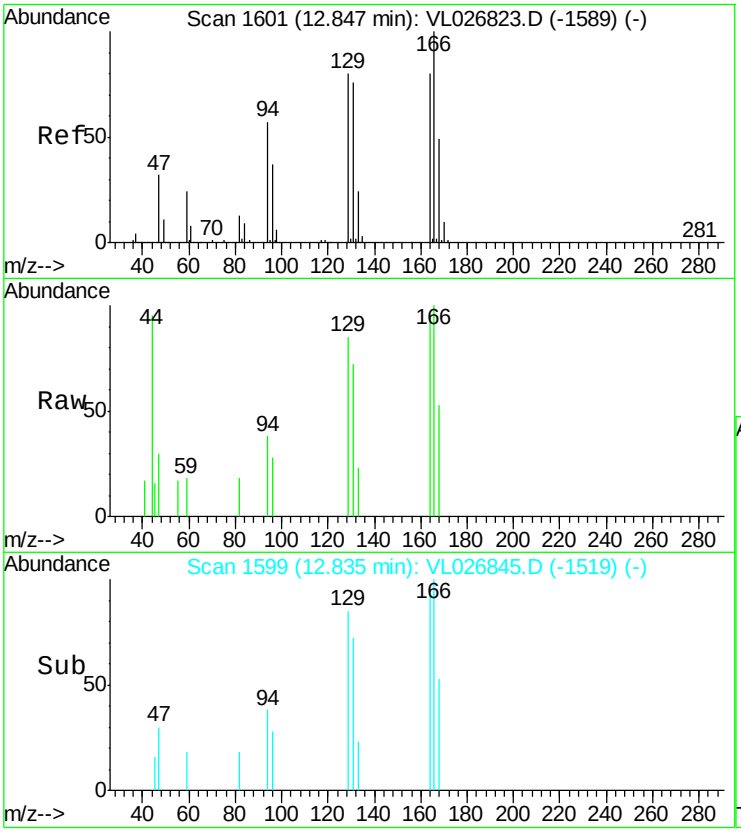


#50
4-Methyl-2-Pentanone
Concen: 0.08 ppbv
RT: 10.15 min Scan# 1159
Delta R.T. 0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 43 Resp: 20696

Ion	Ratio	Lower	Upper
43	100		
58	31.5	30.3	45.5



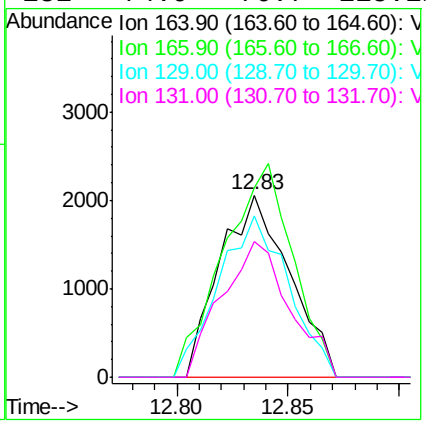


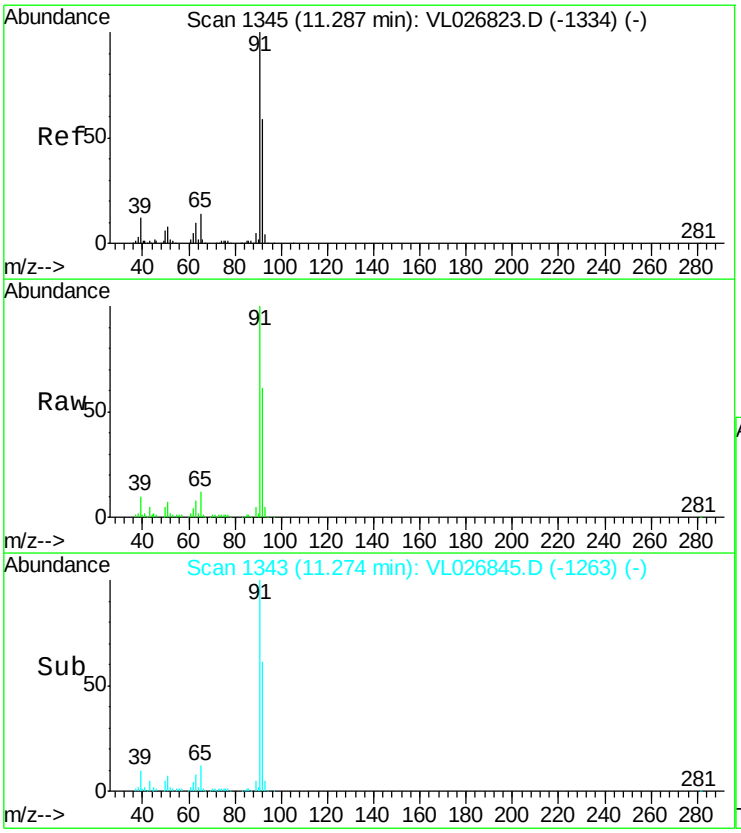
#52
Tetrachloroethene
Concen: 0.03 ppbv
RT: 12.83 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 4488

Ion	Ratio	Lower	Upper
164	100		
166	104.0	100.3	150.5
129	88.7	80.0	120.0
131	74.9	76.7	115.1#

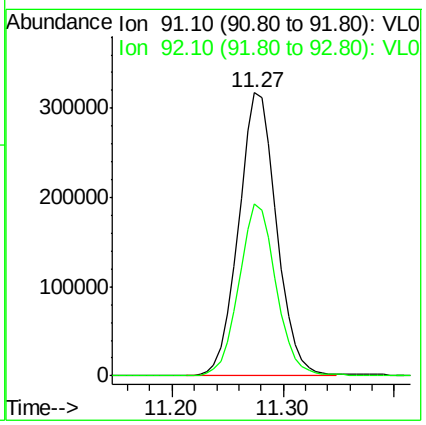


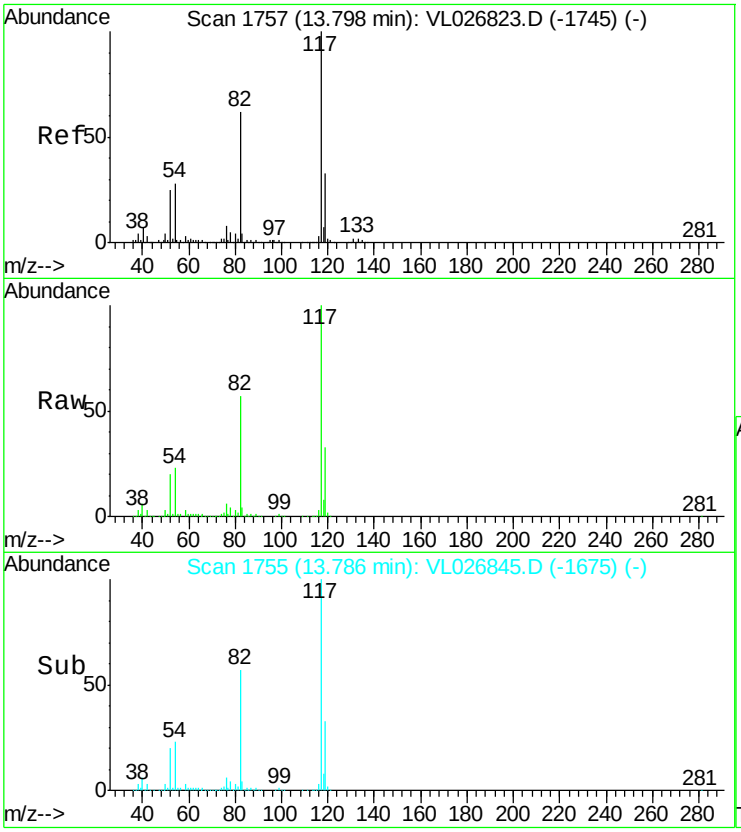


#53
Toluene
Concen: 1.77 ppbv
RT: 11.27 min Scan# 1343
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 91 Resp: 751871

Ion	Ratio	Lower	Upper
91	100		
92	60.0	47.3	70.9



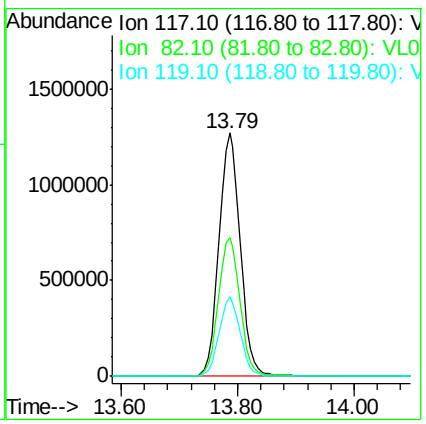


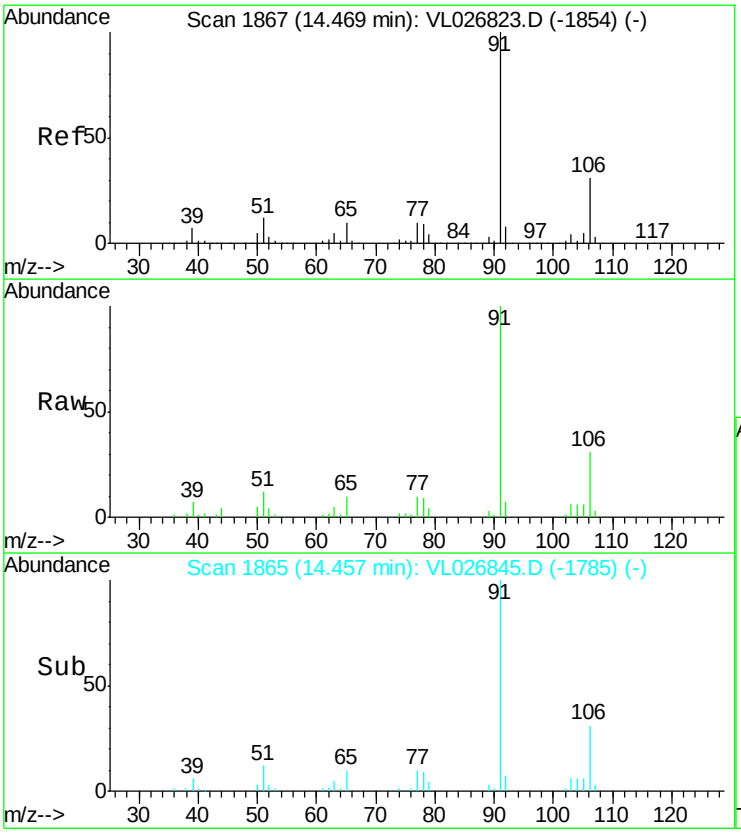
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3226328

Ion	Ratio	Lower	Upper
117	100		
82	58.5	51.9	77.9
119	32.5	48.5	72.7#

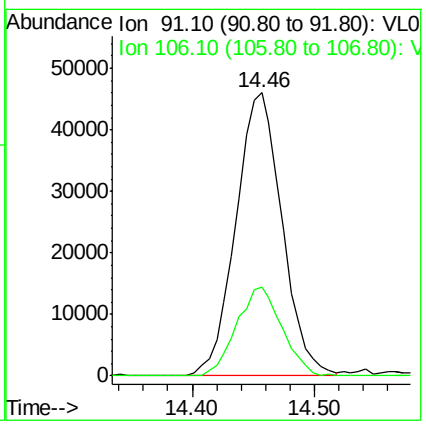


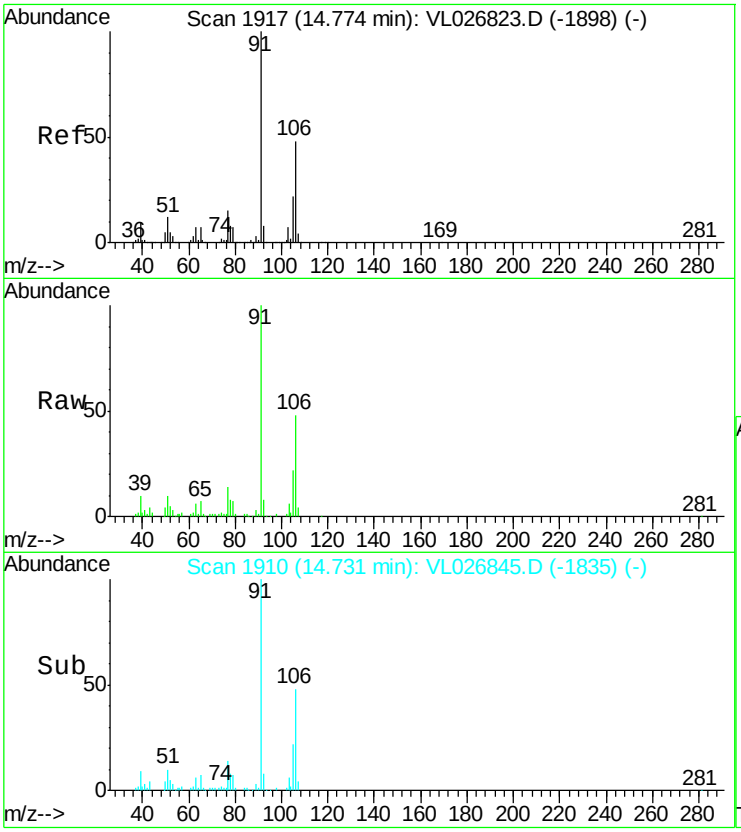


#58
Ethyl Benzene
Concen: 0.31 ppbv
RT: 14.46 min Scan# 1865
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 91 Resp: 120771

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.9	37.3



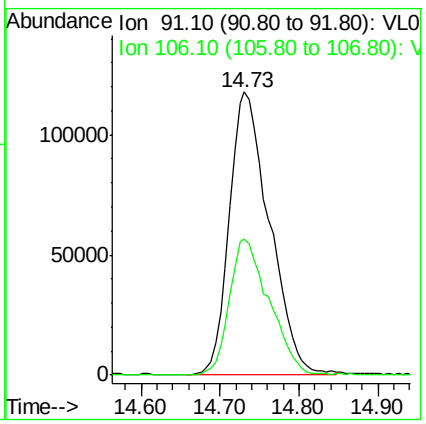


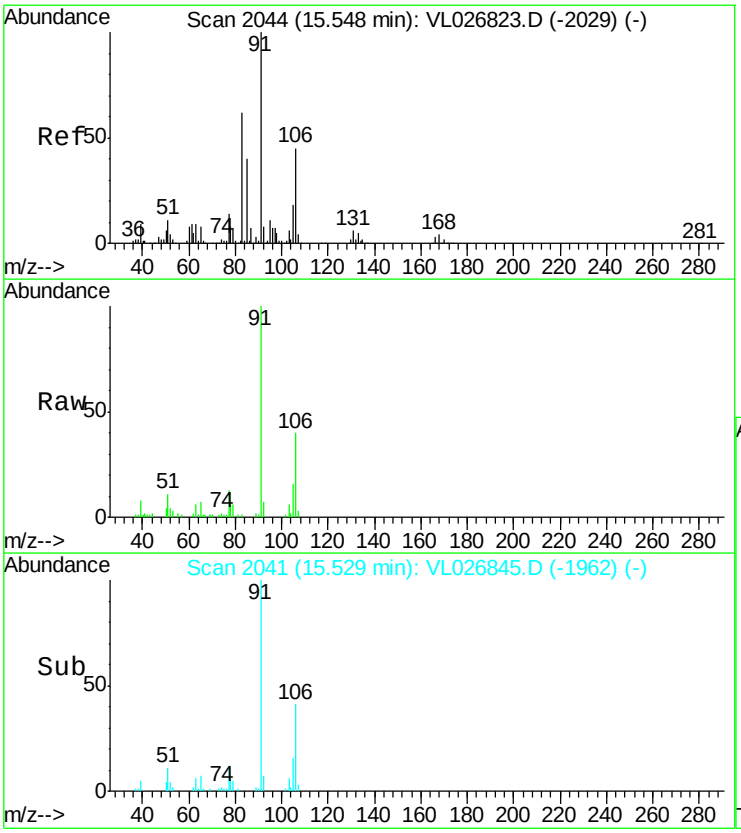
#59
m/p-Xylene
Concen: 1.26 ppbv
RT: 14.73 min Scan# 1910
Delta R.T. -0.04 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 417679

Ion	Ratio	Lower	Upper
91	100		
106	48.1	38.2	57.2

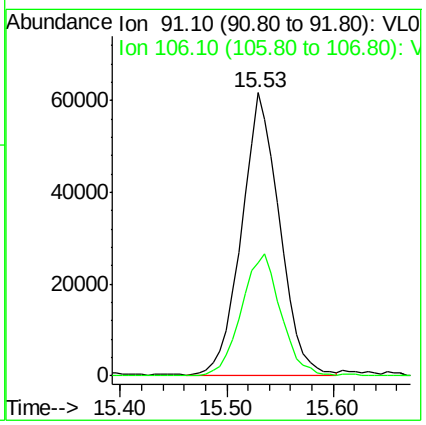


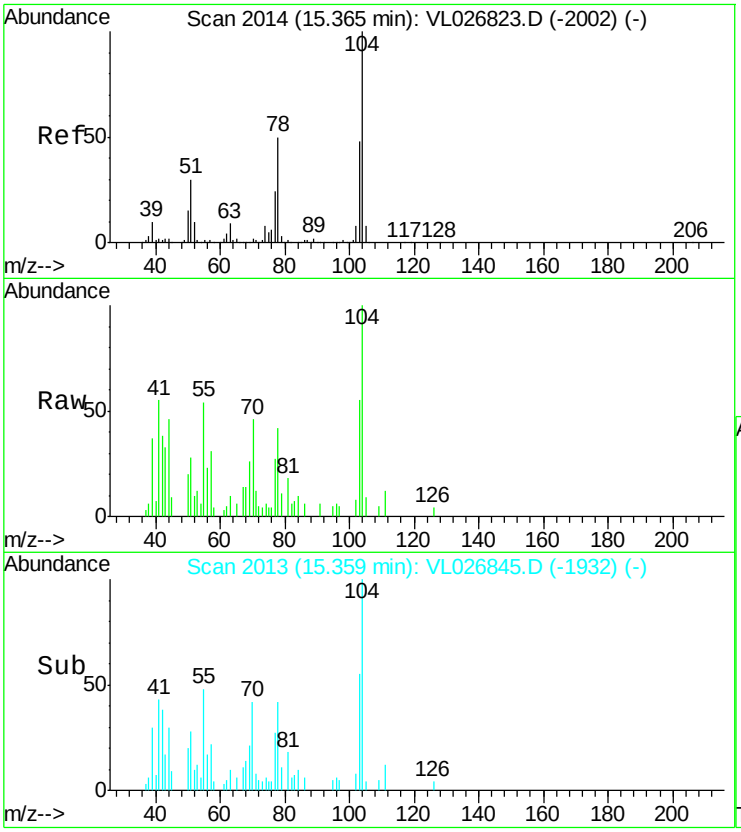


#60
o-Xylene
Concen: 0.43 ppbv
RT: 15.53 min Scan# 2041
Delta R.T. -0.02 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 91 Resp: 154837

Ion	Ratio	Lower	Upper
91	100		
106	44.6	22.3	66.8



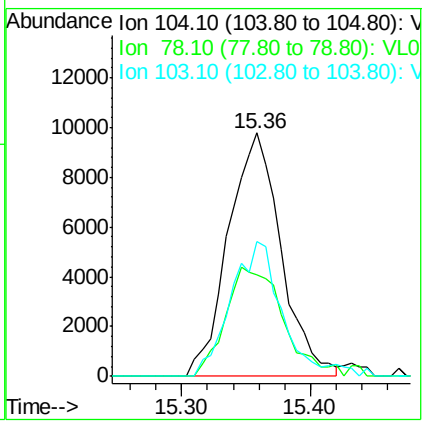


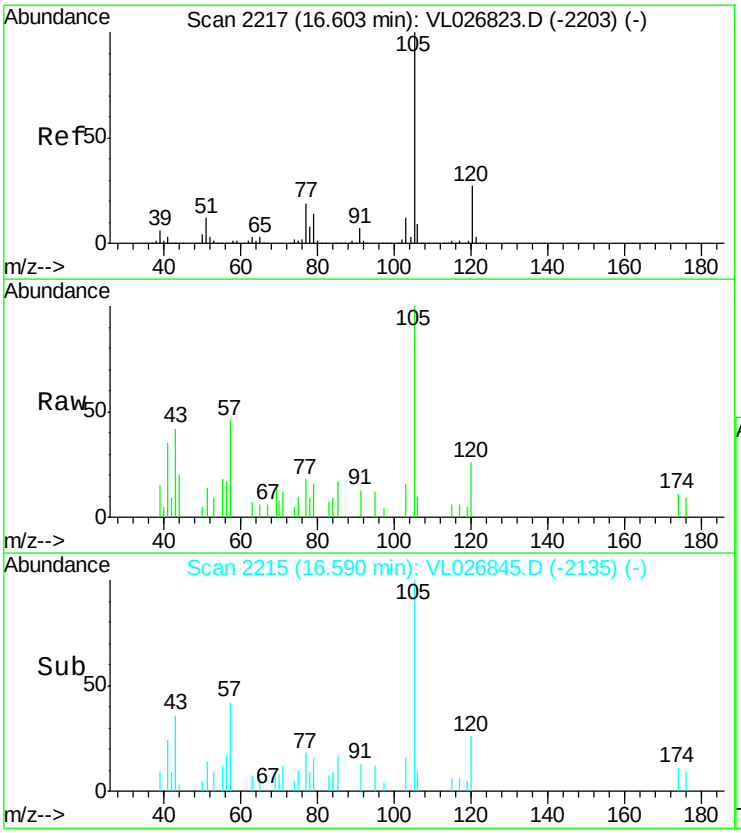
#61
Styrene
Concen: 0.23 ppbv
RT: 15.36 min Scan# 2013
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 27803

Ion	Ratio	Lower	Upper
104	100		
78	50.1	39.8	59.6
103	54.0	38.2	57.4

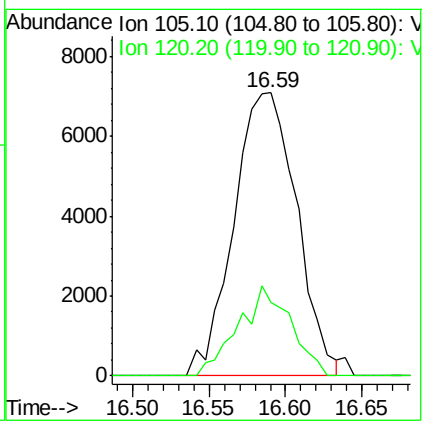


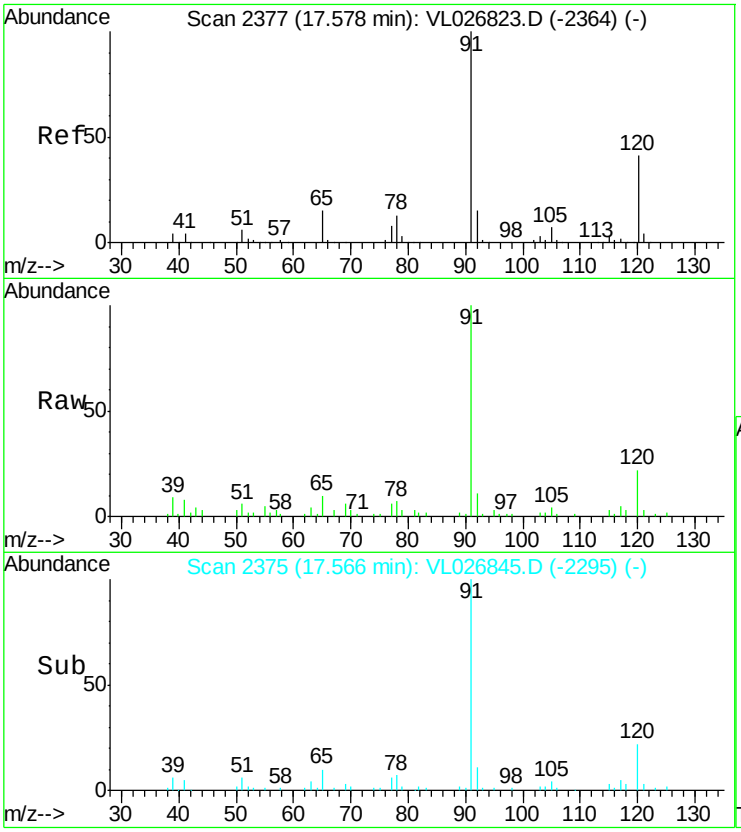


#62
Isopropylbenzene
Concen: 0.05 ppbv
RT: 16.59 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion:105 Resp: 20240

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.0	31.4



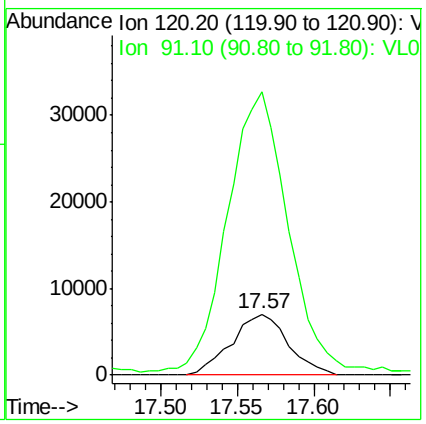


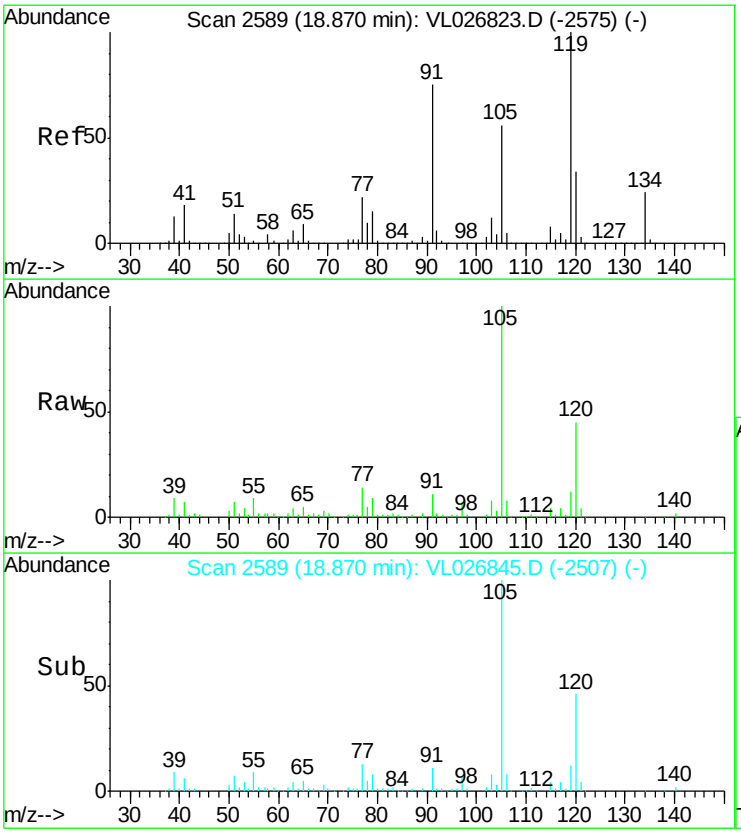
#64
n-propylbenzene
Concen: 0.16 ppbv
RT: 17.57 min Scan# 2375
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 18234

Ion	Ratio	Lower	Upper
120	100		
91	487.7	363.0	544.6

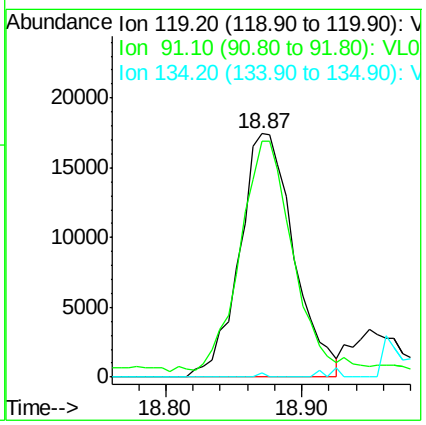


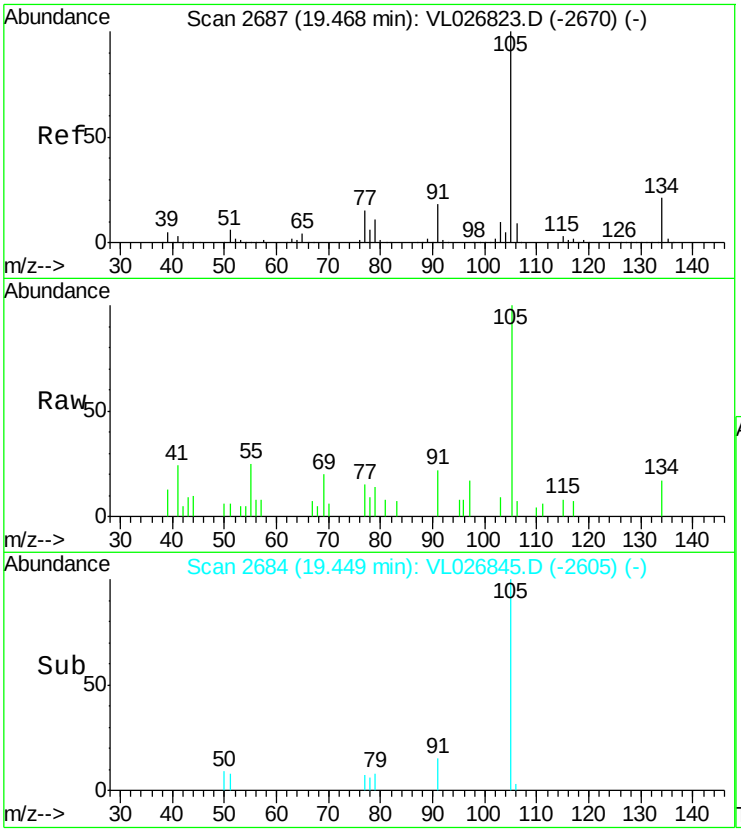


#65
tert-Butylbenzene
Concen: 0.12 ppbv
RT: 18.87 min Scan# 2589
Delta R.T. -0.00 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion:119 Resp: 48513

Ion	Ratio	Lower	Upper
119	100		
91	98.0	61.5	92.3#
134	0.0	17.9	26.9#



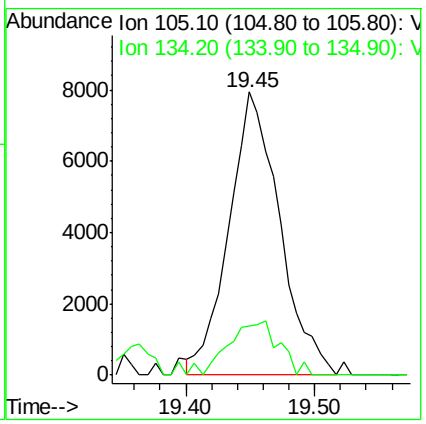


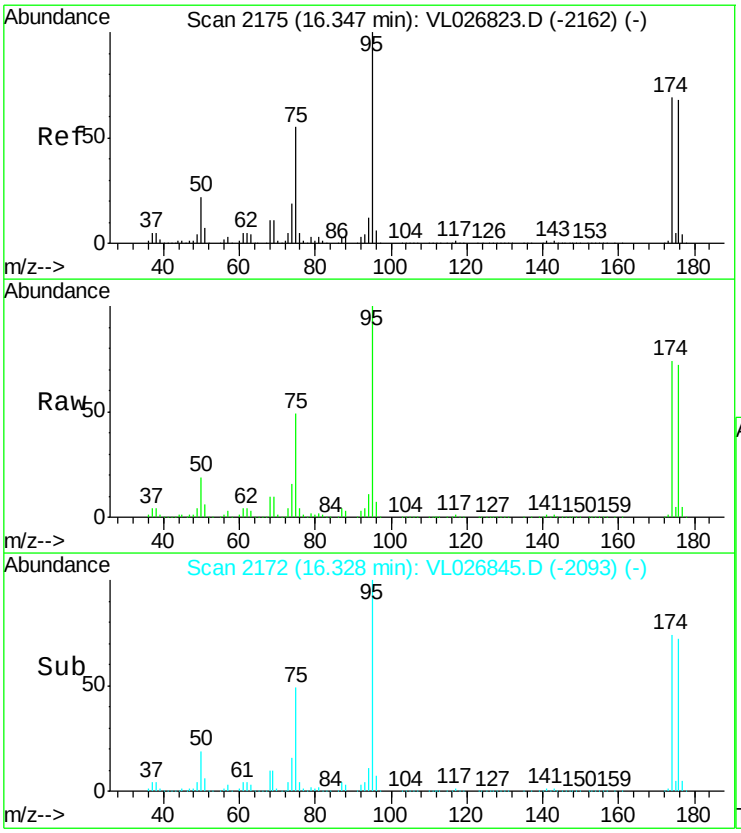
#67
sec-Butylbenzene
Concen: 0.04 ppbv
RT: 19.45 min Scan# 2684
Delta R.T. -0.02 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 21709

Ion	Ratio	Lower	Upper
105	100		
134	19.9	16.1	24.1

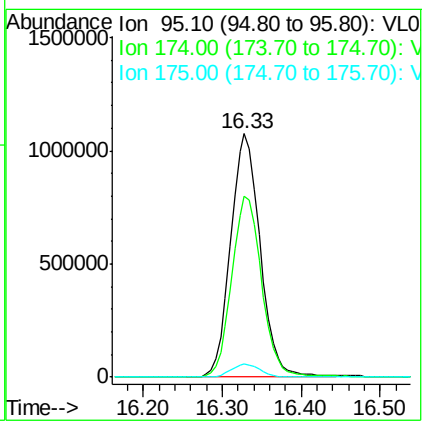


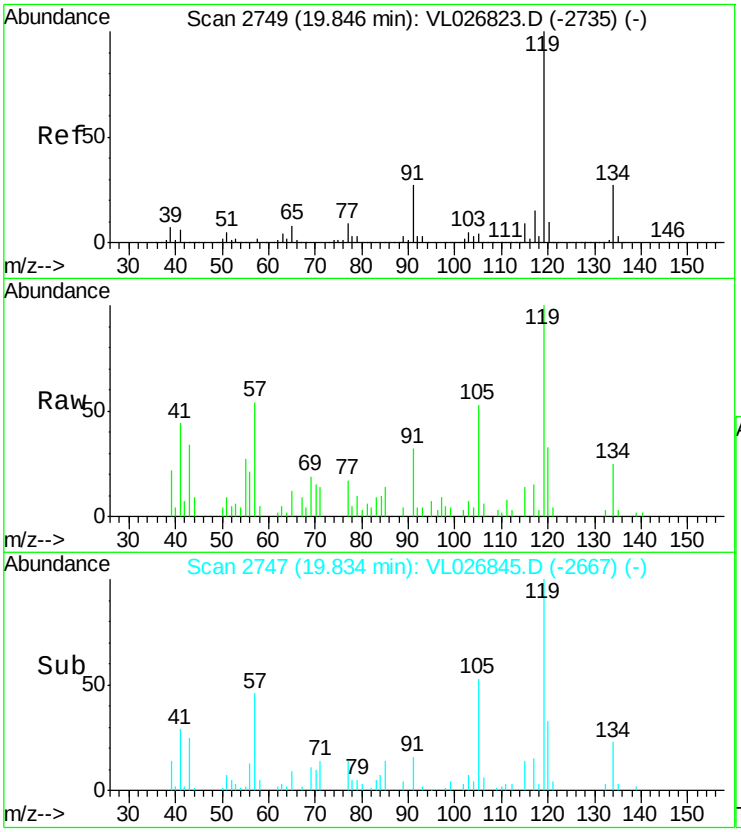


#68
1-Bromo-4-Fluorobenzene
Concen: 12.13 ppbv
RT: 16.33 min Scan# 2172
Delta R.T. -0.02 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 95 Resp: 2810622

Ion	Ratio	Lower	Upper
95	100		
174	75.8	55.6	83.4
175	5.3	3.9	5.9



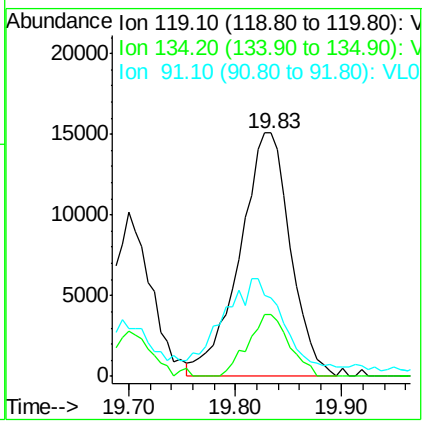


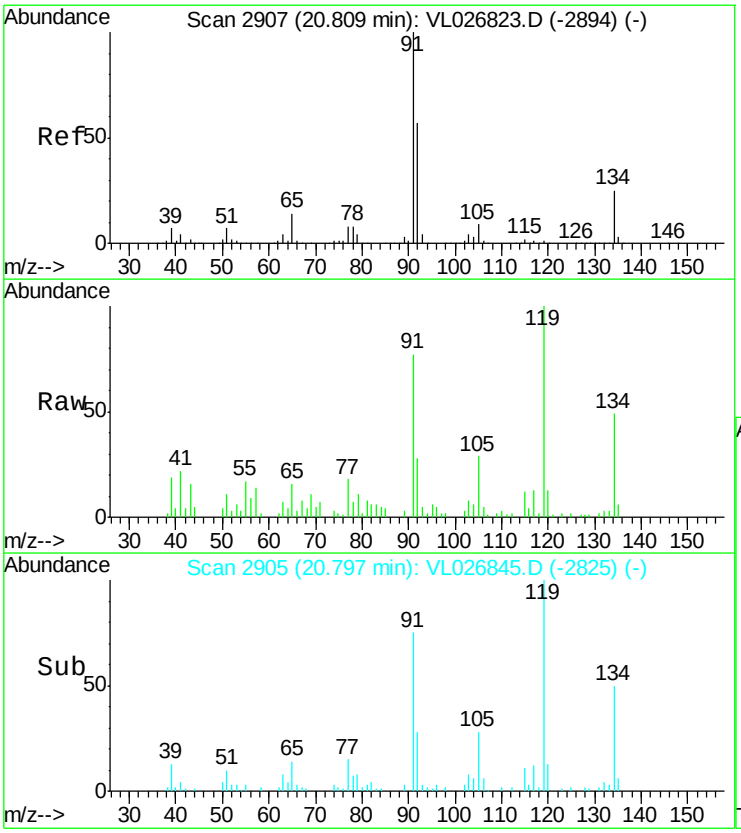
#69
p-Isopropyltoluene
Concen: 0.12 ppbv
RT: 19.83 min Scan# 2747
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 50205

Ion	Ratio	Lower	Upper
119	100		
134	20.5	21.3	31.9#
91	47.6	21.5	32.3#

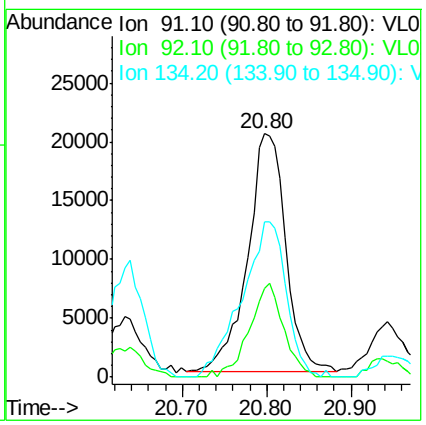


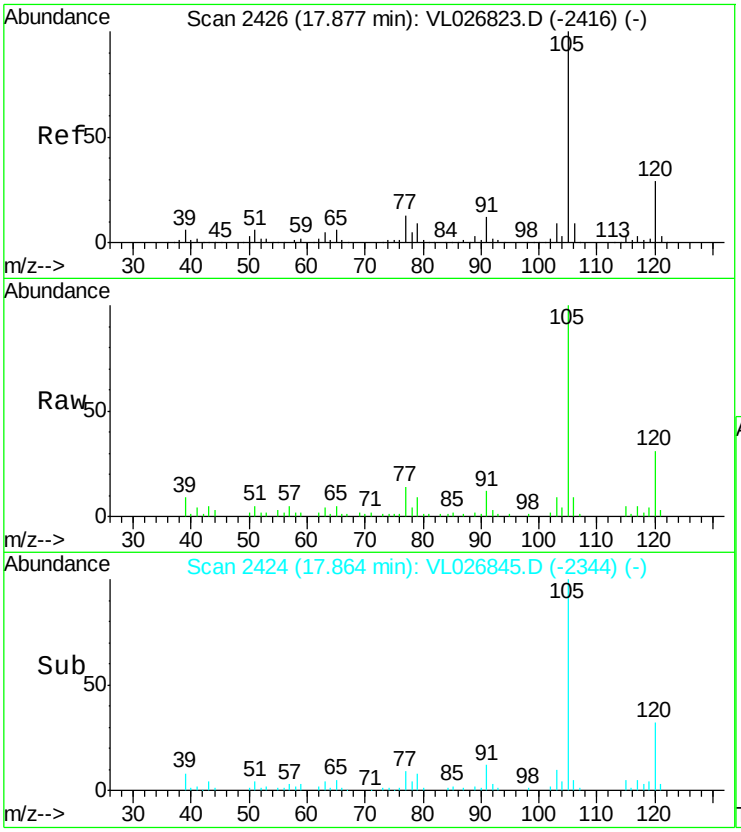


#70
n-Butylbenzene
Concen: 0.15 ppbv
RT: 20.80 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion: 91 Resp: 62595

Ion	Ratio	Lower	Upper
91	100		
92	35.4	44.2	66.4#
134	76.4	19.3	28.9#



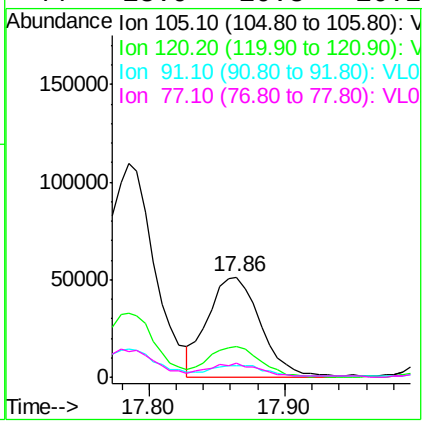


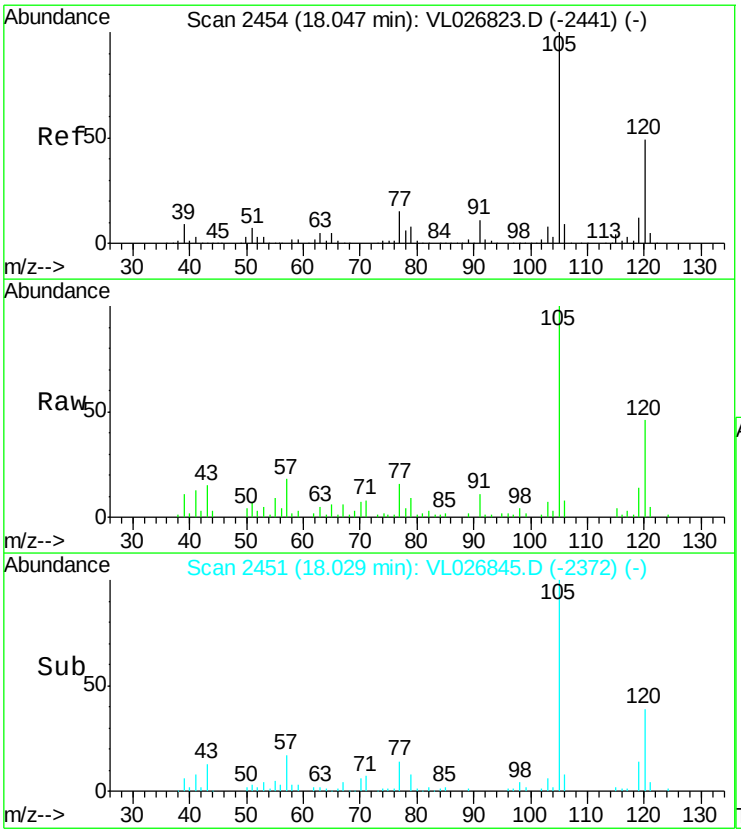
#72
4-Ethyltoluene
Concen: 0.42 ppbv
RT: 17.86 min Scan# 2424
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 138877

Ion	Ratio	Lower	Upper
105	100		
120	28.8	23.8	35.6
91	11.8	10.2	15.4
77	13.9	10.8	16.2

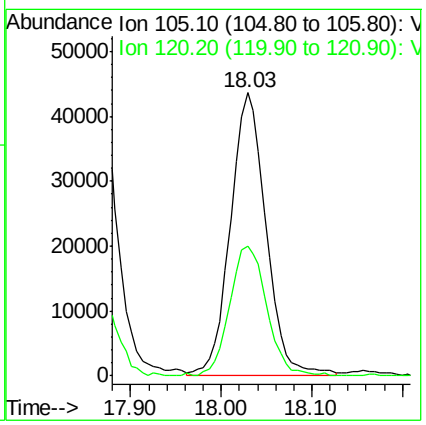


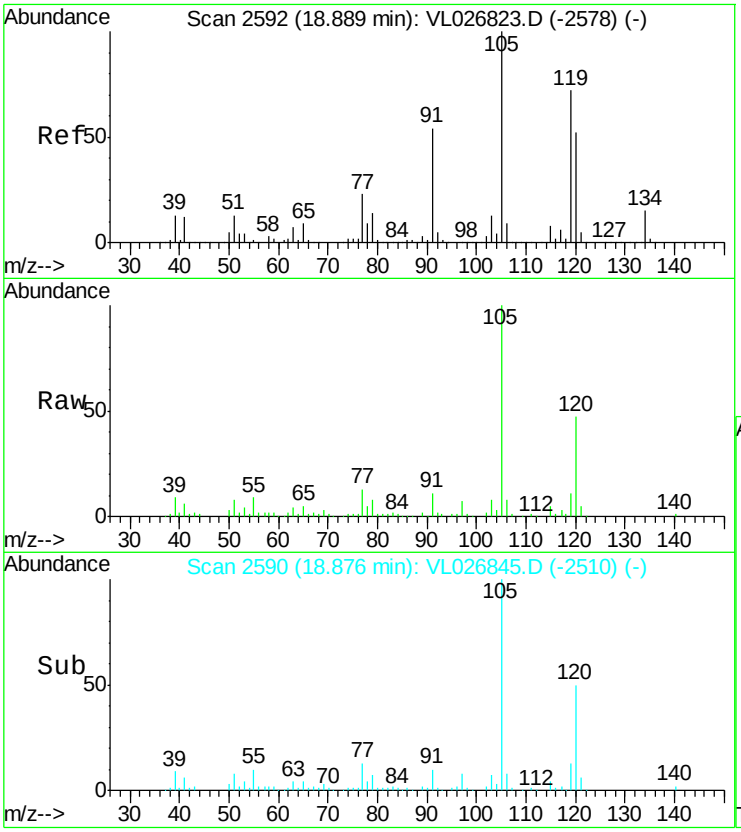


#73
1,3,5-Trimethylbenzene
Concen: 0.37 ppbv
RT: 18.03 min Scan# 2451
Delta R.T. -0.02 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion:105 Resp: 119576

Ion	Ratio	Lower	Upper
105	100		
120	46.6	39.4	59.0



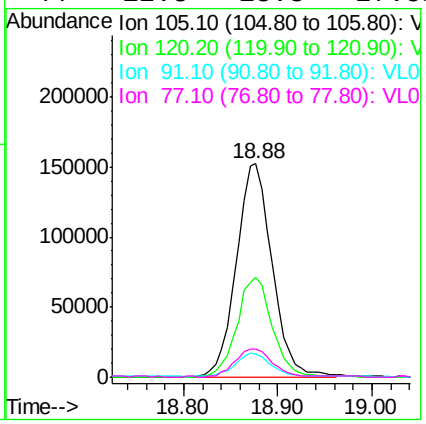


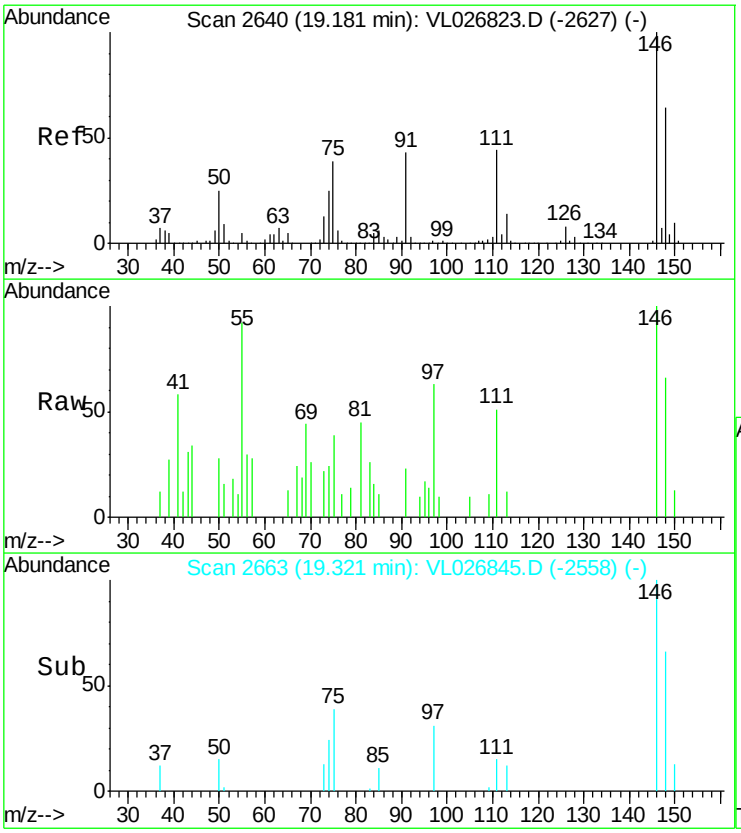
#74
1,2,4-Trimethylbenzene
Concen: 1.10 ppbv
RT: 18.88 min Scan# 2590
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 405728

Ion	Ratio	Lower	Upper
105	100		
120	46.6	41.3	61.9
91	10.8	43.3	64.9#
77	12.8	18.3	27.5#

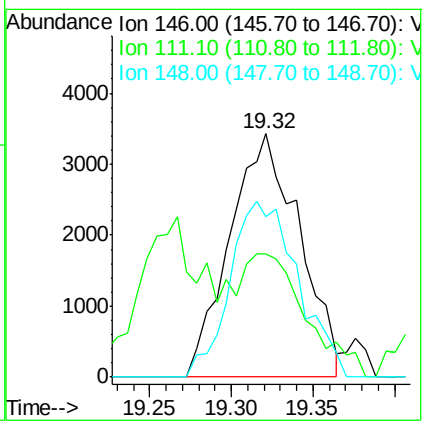


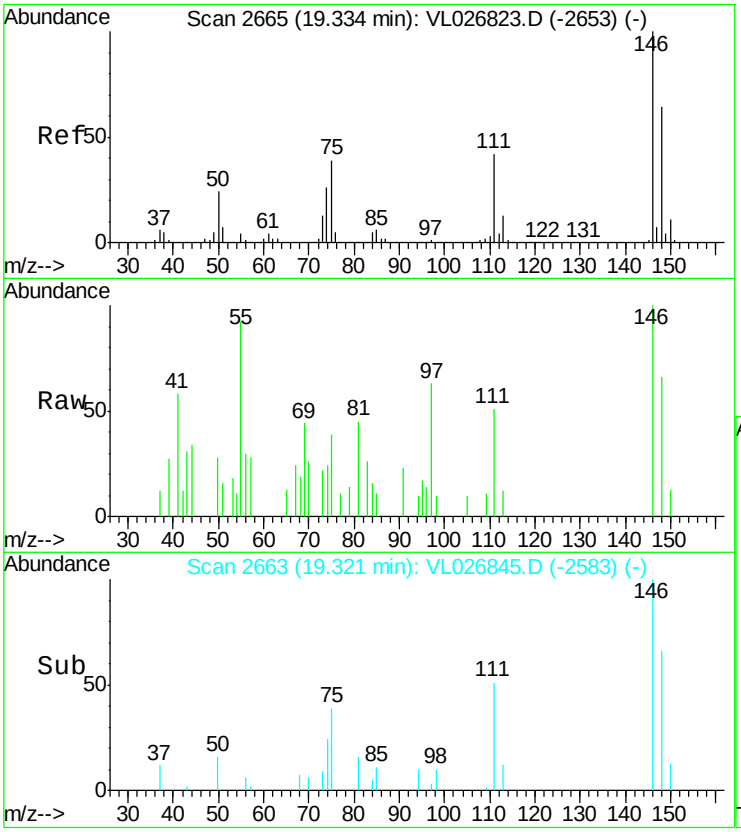


#75
1,3-Dichlorobenzene
Concen: 0.05 ppbv
RT: 19.32 min Scan# 2663
Delta R.T. 0.14 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion:146 Resp: 10198

Ion	Ratio	Lower	Upper
146	100		
111	115.8	22.1	66.3#
148	70.1	32.2	96.6



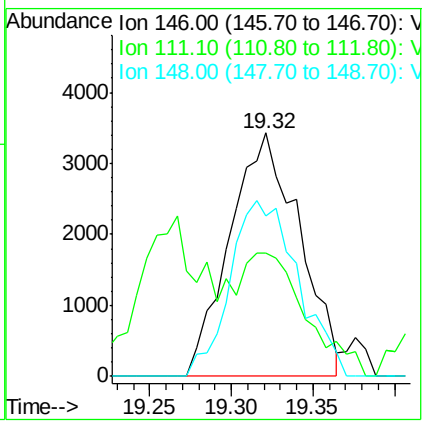


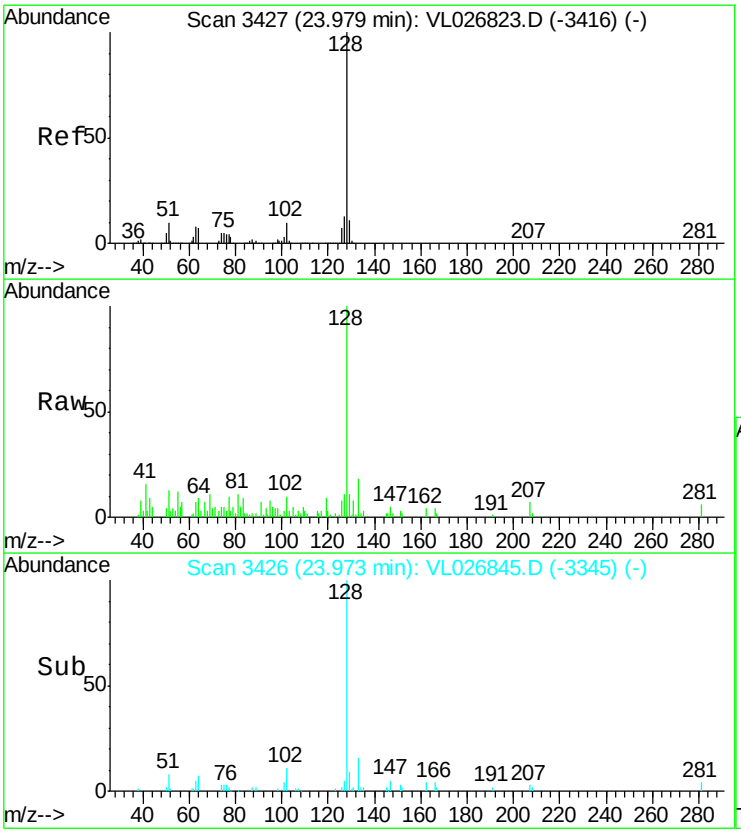
#76
1,4-Dichlorobenzene
Concen: 0.05 ppbv
RT: 19.32 min Scan# 2663
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 10198

Ion	Ratio	Lower	Upper
146	100		
111	58.0	21.6	64.8
148	70.1	32.2	96.6

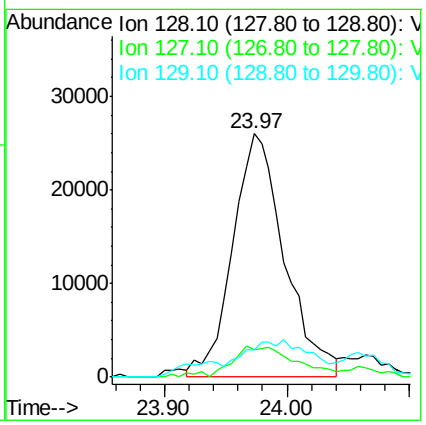


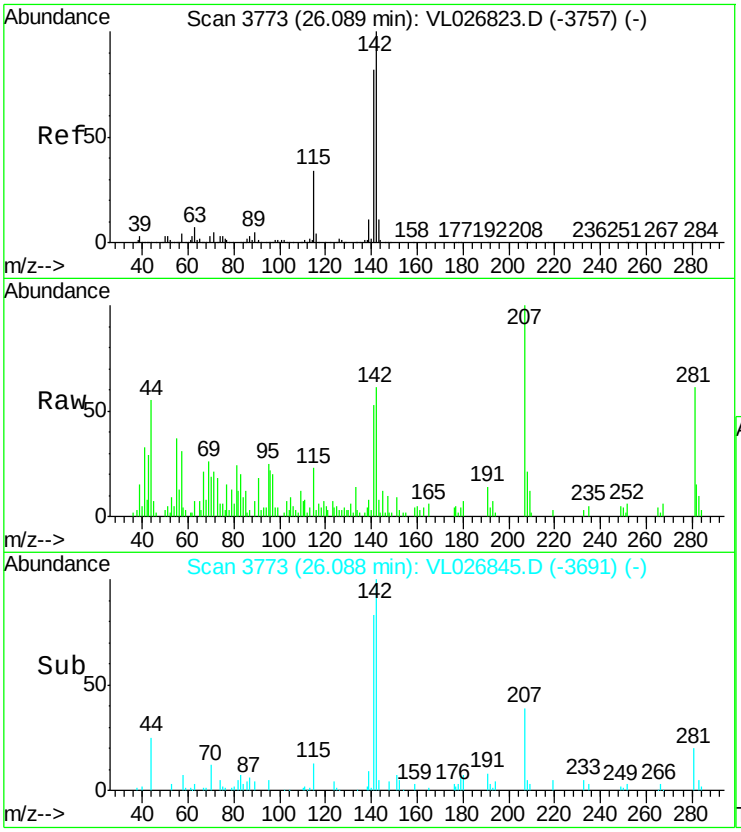


#79
Naphthalene
Concen: 0.43 ppbv
RT: 23.97 min Scan# 3426
Delta R.T. -0.01 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Tgt Ion:128 Resp: 76785

Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.0	15.0
129	5.9	8.7	13.1#





#80
Naphthalene,2-methyl-
Concen: 0.49 ppbv
RT: 26.09 min Scan# 3773
Delta R.T. -0.00 min
Lab File: VL026845.D
Acq: 10 Feb 2016 8:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 35603

Ion	Ratio	Lower	Upper
142	100		
141	81.7	67.2	100.8
115	73.5	27.5	41.3#